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# U.S. GOVERNMENT FEDERAL REGISTER



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# Contents

Federal Register

Vol. 51, No. 235

Monday, December 8, 1986

## Agriculture Department

See Animal and Plant Health Inspection Service; Federal Grain Inspection Service; Forest Service

## Air Force Department

### NOTICES

Meetings:

Scientific Advisory Board, 44103

## Animal and Plant Health Inspection Service

### RULES

Exportation and importation of animals and animal products:

Horses from countries affected with CEM—  
Norway, 44034

Nogales, AZ, et al.; special ports for birds, 44034

Overtime services relating to imports and exports:

Commuted traveltime allowances, 44035

Plant-related quarantine, domestic:

Pink bollworm, 44033

## Antitrust Division

### NOTICES

National cooperative research notifications:

Microelectronics & Computer Technology Corp., 44132

## Blind and Other Severely Handicapped, Committee for Purchase from

See Committee for Purchase from the Blind and Other Severely Handicapped

## Bonneville Power Administration

### NOTICES

Wholesale power rates:

Firm power rate schedule; proposed modifications, 44104

## Coast Guard

### PROPOSED RULES

Dangerous cargoes:

Compatibility of cargoes, 44182

Ports and waterways safety:

Shipping safety fairways; New York, 44072

## Commerce Department

See International Trade Administration; National Oceanic and Atmospheric Administration

## Committee for Purchase from the Blind and Other Severely Handicapped

### NOTICES

Procurement list, 1987:

Additions and deletions, 44103

Additions and deletions; correction, 44103

## Consumer Product Safety Commission

### NOTICES

Meetings; Sunshine Act, 44177

## Defense Department

See also Air Force Department; Defense Intelligence Agency

## NOTICES

Meetings:

DIA Scientific Advisory Committee, 44104  
(2 documents)

## Defense Intelligence Agency

### RULES

Privacy Act; implementation, 44064

## Education Department

### NOTICES

Grants; availability, etc.:

Handicapped migratory agricultural and seasonal farmworker vocational rehabilitation service projects, 44104

## Employment and Training Administration

### NOTICES

Job Training Partnership Act:

Native American and summer youth employment and training programs; allocations, etc., 44132

## Energy Department

See Bonneville Power Administration; Federal Energy Regulatory Commission

## Environmental Protection Agency

### RULES

Air quality implementation plans; approval and promulgation; various States:

Delaware, 44066

### PROPOSED RULES

Air pollution; standards of performance for new stationary sources:

Total reduced sulfur emissions; alternative recovery gas certification procedure (Methods 16A and 16B), 44075

Air quality planning purposes; designation of areas:

Ohio, 44081

Water pollution; effluent guidelines for point source categories:

Organic chemicals and plastics and synthetic fibers, 44082

## Equal Employment Opportunity Commission

### NOTICES

Meetings; Sunshine Act, 44177

## Executive Office of the President

See Trade Representative, Office of United States

## Federal Aviation Administration

### RULES

Airworthiness directives:

Beech, 44038

British Aerospace, 44040

Cessna, 44042

Fairchild, 44044

Gulfstream Aerospace Corp., 44046

Control zones and transition areas, 44048

### PROPOSED RULES

Aircraft:

Recordation of notice of lien, 44072



Restricted areas; correction, 44179

## Federal Communications Commission

### RULES

Common carrier services:

Domestic fixed-satellite service—

Space station licensing, 44068

Radio and television broadcasting:

Oversight; clarifications, etc., 44069

### PROPOSED RULES

Frequency allocations and radio treaty matters, and radio services, special:

Radio local area network stations in the 1700-1710 MHz Band, 44093

Radio stations; table of assignments:

Mississippi, 44094

Missouri, 44094

### NOTICES

Emergency broadcast system:

Closed circuit test, 44121

*Applications, hearings, determinations, etc.:*

KDUN Radio, Inc., et al., 44121

Schwartz, Marvin G., et al., 44121

Turner, Barbara Kay, et al., 44121

## Federal Deposit Insurance Corporation

### NOTICES

Insured banks assistance; policy statement, 44122

## Federal Energy Regulatory Commission

### RULES

Electric utilities (Federal Power Act):

Headwater improvements; benefit payments, 44049

Natural Gas Policy Act:

Ceiling prices for high cost natural gas produced from tight formations—

West Virginia, 44053

### NOTICES

Electric rate and corporate regulation filings:

Arkansas Power & Light Co. et al., 44106

Public Service Co. of Colorado et al., 44115

Natural gas companies:

Small producer certificates, applications, 44110

Preliminary permits surrender:

Burlington Energy Development Associates et al., 44114

Small power production and cogeneration facilities; qualifying status:

Cambria CoGen, Inc., et al., 44114

*Applications, hearings, determinations, etc.:*

Columbia Gas Transmission Corp., 44107

Consolidated Gas Transmission Corp., 44107

Distrigas Corp. et al., 44115

East Tennessee Natural Gas Co., 44108

Florida Gas Transmission Co., 44108

Kentucky West Virginia Gas Co., 44108

Midwestern Gas Transmission Co., 44109

Mississippi River Transmission Corp., 44109

Northern Natural Gas Co., 44110, 44115

(2 documents)

Northwest Central Pipeline Corp., 44109

Panhandle Eastern Pipe Line Co., 44110

Panhandle Gas Co. et al., 44111

Producer's Gas Co., 44112

Sea Robin Pipeline Co., 44112

Southern Natural Gas Co., 44116

Tennessee Gas Pipeline Co., 44113

Texas Gas Transmission Corp., 44113

Transcontinental Gas Pipe Line Corp., 44116

Transwestern Pipeline Co., 44113

Trunkline Gas Co. et al., 44118

United Gas Pipe Line Co., 44120

## Federal Grain Inspection Service

### PROPOSED RULES

Grain standards:

Beans, 44072

## Federal Maritime Commission

### NOTICES

Agreements filed, etc., 44123

(2 documents)

## Federal Reserve System

### NOTICES

*Applications, hearings, determinations, etc.:*

BankEast Corp., 44124

Penncore Financial Services Corp. et al., 44124

United Virginia Bankshares, Inc., et al., 44124

## Fish and Wildlife Service

### NOTICES

Marine mammal permit applications, 44127

## Food and Drug Administration

### RULES

Animal drugs, feeds, and related products:

Sponsor name and address changes—

Rhone-Poulenc, Inc., 44055

## Forest Service

### NOTICES

Wilderness areas:

Alpine and subalpine ecosystems; chemical, physical, and biological conditions, proposed methods for measuring, technical and scientific review; meeting, 44096

## General Services Administration

### RULES

Property management:

Smoking regulations in GSA-controlled buildings, 44258

## Health and Human Services Department

*See* Food and Drug Administration; Public Health Service

## Housing and Urban Development Department

### RULES

Public and Indian housing:

Tenant participation and management projects; eligibility for comprehensive improvement assistance program funds, 44055

### PROPOSED RULES

Low income housing:

Housing assistance payments (Section 8)—

Fair market rent schedules for existing housing, moderate rehabilitation, housing voucher, etc., 44198

## Interior Department

*See also* Fish and Wildlife Service; Land Management

Bureau; Minerals Management Service

### NOTICES

Committees; establishment, renewals, terminations, etc.:

Outer Continental Shelf Advisory Board, 44126

## International Development Cooperation Agency

*See* Overseas Private Investment Corporation



**International Trade Administration****NOTICES****Antidumping:**

Carbon steel wire rod from—

Brazil, 44096

Trinidad and Tobago, 44097

Hot-rolled carbon steel plate cut to length from Brazil,  
44098**Countervailing duties:**

Leather wearing apparel from—

Colombia, 44099

**International Trade Commission****NOTICES****Import investigations:**Color picture tubes from Canada, Japan, Korea, and  
Singapore, 44130**Interstate Commerce Commission****NOTICES****Motor carriers:**

Finance applications, 44131

**Railroad services abandonment:**

Chesapeake &amp; Ohio Railway Co., 44130

**Justice Department***See also* Antitrust Division**NOTICES**Agency information collection activities under OMB review,  
44131**Labor Department***See* Employment and Training Administration; Occupational  
Safety and Health Administration**Land Management Bureau****NOTICES****Motor vehicle use restrictions:**

Juniper Mountain Sand Dunes area, ID, 44127

**Survey plat filings:**

Nevada, 44126

**Minerals Management Service****NOTICES****Royalty-in-kind program:**

Federal onshore leases; royalty oil sale offering, 44128

Unavailability of oil to independent refiners, and royalty  
oil sale, 44127**National Aeronautics and Space Administration****NOTICES****Meetings:**

Aeronautics Advisory Committee, 44153

**National Oceanic and Atmospheric Administration****NOTICES****Permits:**

Foreign fishing, 44102

Marine mammals, 44102

**Nuclear Regulatory Commission****NOTICES****Meetings:**

Three Mile Island Unit 2 Decontamination Advisory

Panel, 44163

**Reports; availability, etc.:**National authorities notification for exported radioactive  
material, 44154*Applications, hearings, determinations, etc.:*

Carolina Power &amp; Light Co., 44158

Duquesne Light Co. et al., 44153

Kansas Gas &amp; Electric Co. et al., 44159

Vermont Yankee Nuclear Power Corp., 44160

**Occupational Safety and Health Administration****NOTICES****Meetings:**Occupational Safety and Health National Advisory  
Committee, 44153**Office of United States Trade Representative***See* Trade Representative, Office of United States**Overseas Private Investment Corporation****NOTICES**

Meetings; Sunshine Act, 44177

**Physician Payment Review Commission****NOTICES**

Meetings, 44166

**Postal Rate Commission****NOTICES****Complaints filed:**

Sacramento Bee et al., 44166

**Public Health Service***See also* Food and Drug Administration**NOTICES****National toxicology program:**

Toxicology and carcinogenesis studies—

Commercial grade 2,4, (80%)- and 2,6 (20%)-toluene  
diisocyanate, 44125

1,2-Dichloropropane, 44126

4-Vinylcyclohexane, 44126

**Organization, functions, and authority delegations:**

Assistant Secretary for Health Office, 44125

**Securities and Exchange Commission****NOTICES**

Meetings; Sunshine Act, 44177

**Self-regulatory organizations; proposed rule changes:**

National Association of Securities Dealers, Inc., 44170

Pacific Stock Exchange, Inc.; correction, 44179

*Applications, hearings, determinations, etc.:*

Smith Barney Mortgage Capital Trust-I et al., 44170

**Small Business Administration****RULES****Organization, functions, and authority delegations:**

Program activities in field offices—

Certificate of competency; approval authority, 44036

Procurement assistance; certificate of competency program;  
approval authority, 44037**Small business size standards:**

Dredging activities, 44036

**NOTICES**Agency information collection activities under OMB review,  
44172**Disaster loan areas:**

Oklahoma, 44173

*Applications, hearings, determinations, etc.:*

Greater Washington Investors, Inc., 44173



**Trade Representative, Office of United States****NOTICES****Generalized System of Preferences:**

Conversion to harmonized system tariff nomenclature,  
44163

**Trade Policy Staff Committee; generalized system of preferences:**

Portable electric heaters, 44166

**Transportation Department**

*See also* Coast Guard; Federal Aviation Administration

**PROPOSED RULES****Practice and procedure:**

Maritime Subsidy Board; review by Secretary, 44093

**NOTICES****Aviation proceedings:**

Agreements filed; weekly receipts, 44173

Certificates of public convenience and necessity and  
foreign air carrier permits; weekly applications, 44174

**United States Information Agency****NOTICES****Grants; availability, etc.:**

English as a foreign language/English as a second  
language; Francophone/Lusophone African countries,  
44174

**Veterans Administration****RULES****Acquisition regulations:**

Competition in contracting; correction, 44179

---

**Separate Parts In This Issue****Part II**

Department of Transportation, Coast Guard, 44182

**Part III**

Department of Housing and Urban Development, 44198

**Part IV**

General Services Administration, 44258

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**Reader Aids**

Additional information, including a list of public laws, telephone numbers, and finding aids, appears in the Reader Aids section at the end of this issue.

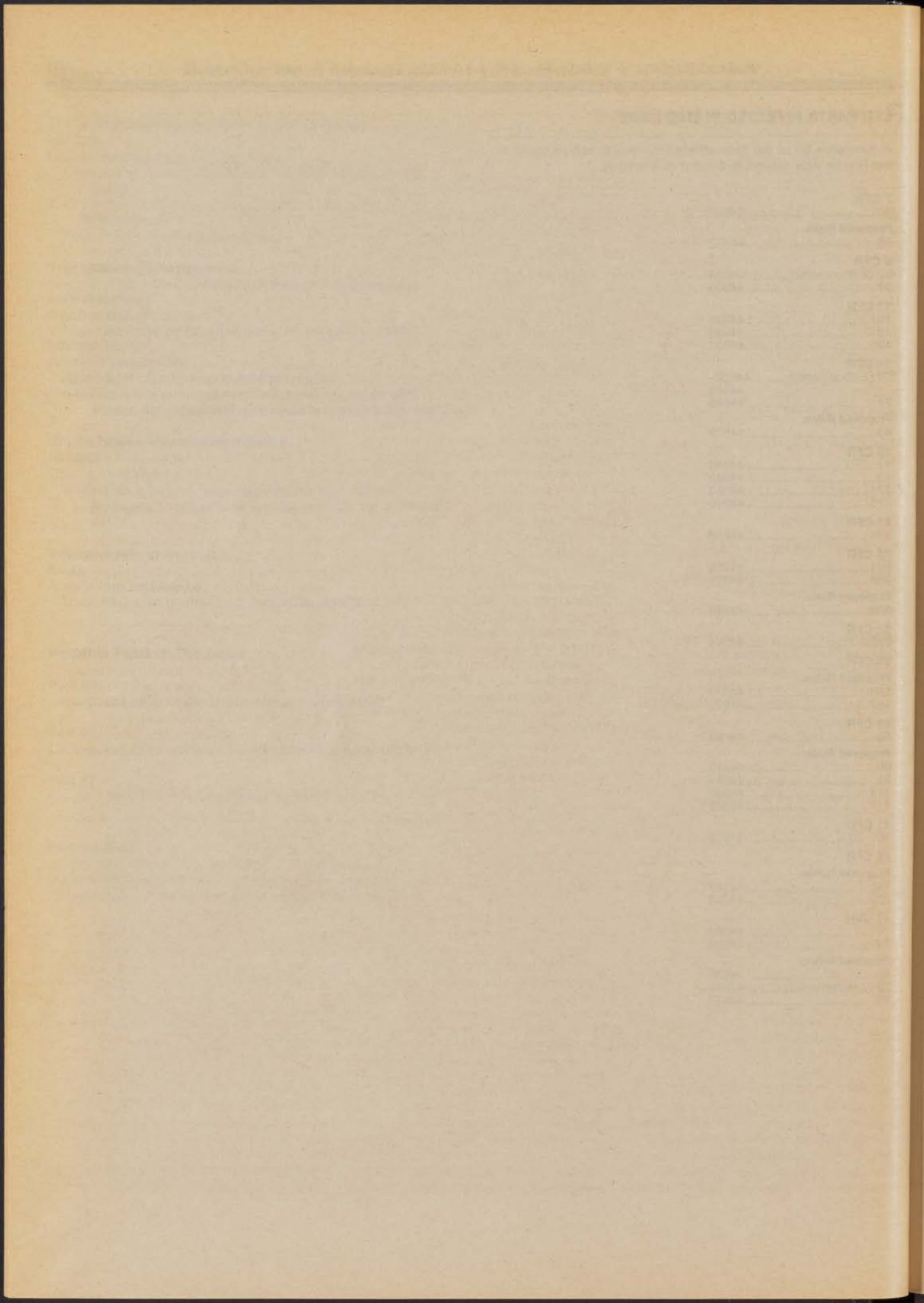


**CFR PARTS AFFECTED IN THIS ISSUE**

A cumulative list of the parts affected this month can be found in the Reader Aids section at the end of this issue.

|                        |        |
|------------------------|--------|
| <b>7 CFR</b>           |        |
| 301.....               | 44033  |
| <b>Proposed Rules:</b> |        |
| 68.....                | 44072  |
| <b>9 CFR</b>           |        |
| 92 (2 documents).....  | 44034  |
| 97.....                | 44035  |
| <b>13 CFR</b>          |        |
| 101.....               | 44036  |
| 121.....               | 44036  |
| 125.....               | 44037  |
| <b>14 CFR</b>          |        |
| 39 (5 documents).....  | 44038- |
|                        | 44046  |
| 71.....                | 44048  |
| <b>Proposed Rules:</b> |        |
| 49.....                | 44072  |
| <b>18 CFR</b>          |        |
| 11.....                | 44049  |
| 13.....                | 44049  |
| 271.....               | 44053  |
| 375.....               | 44049  |
| <b>21 CFR</b>          |        |
| 558.....               | 44055  |
| <b>24 CFR</b>          |        |
| 964.....               | 44055  |
| 968.....               | 44055  |
| <b>Proposed Rules:</b> |        |
| 888.....               | 44198  |
| <b>32 CFR</b>          |        |
| 292a.....              | 44064  |
| <b>33 CFR</b>          |        |
| <b>Proposed Rules:</b> |        |
| 166.....               | 44072  |
| 167.....               | 44072  |
| <b>40 CFR</b>          |        |
| 52.....                | 44066  |
| <b>Proposed Rules:</b> |        |
| 60.....                | 44075  |
| 81.....                | 44081  |
| 414.....               | 44082  |
| 416.....               | 44082  |
| <b>41 CFR</b>          |        |
| 101-20.....            | 44258  |
| <b>46 CFR</b>          |        |
| <b>Proposed Rules:</b> |        |
| 150.....               | 44182  |
| 202.....               | 44093  |
| <b>47 CFR</b>          |        |
| 25.....                | 44068  |
| 73.....                | 44069  |
| <b>Proposed Rules:</b> |        |
| 2.....                 | 44093  |
| 73 (2 documents).....  | 44094  |
| 94.....                | 44093  |







# Rules and Regulations

Federal Register

Vol. 51, No. 235

Monday, December 8, 1986

This section of the FEDERAL REGISTER contains regulatory documents having general applicability and legal effect, most of which are keyed to and codified in the Code of Federal Regulations, which is published under 50 titles pursuant to 44 U.S.C. 1510.

The Code of Federal Regulations is sold by the Superintendent of Documents. Prices of new books are listed in the first FEDERAL REGISTER issue of each week.

## DEPARTMENT OF AGRICULTURE

### Animal and Plant Health Inspection Service

#### 7 CFR Part 301

[Docket No. 86-335]

#### Pink Bollworm Regulated Areas

**AGENCY:** Animal and Plant Health Inspection Service, USDA.

**ACTION:** Affirmation of interim rules.

**SUMMARY:** This document affirms without change an interim rule published in the *Federal Register* on March 25, 1986, as subsequently amended by an interim rule published in the *Federal Register* on June 13, 1986. The interim rule published on March 25, 1986, amended the pink bollworm regulations by adding as suppressive areas certain previously nonregulated areas in portions of six counties in Arkansas and in portions of two counties in Mississippi; and by redesignating Caddo Parish in Louisiana from a suppressive area to a generally infested area. The interim rule published in the *Federal Register* on June 13, 1986, amended the pink bollworm regulations by redesignating Caddo Parish in Louisiana from a generally infested area to a suppressive area. These actions were necessary in order to prevent the artificial spread of pink bollworm through the interstate movement of regulated articles and to impose certain restrictions on the interstate movement of regulated articles from regulated areas.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** Michael J. Shannon, Senior Staff Officer, Field Operations Support Staff, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, 6505 Belcrest

Road, Room 663, Federal Building, Hyattsville, MD 20782, (301) 436-8295.

#### SUPPLEMENTARY INFORMATION:

##### Background

An interim rule published in the *Federal Register* on March 25, 1986 (51 FR 10183-10185) amended the Pink Bollworm quarantine and regulations (referred to below as the regulations; 7 CFR 301.52 through 301.52-10) by adding as suppressive areas certain previously nonregulated areas in portions of six counties in Arkansas and in portions of two counties in Mississippi; and by redesignating Caddo Parish in Louisiana from a suppressive area to a generally infested area. Subsequently, on June 13, 1986, a document was published in the *Federal Register* (51 FR 21498-21499) amending the pink bollworm regulations by redesignating Caddo Parish in Louisiana from a generally infested area to a suppressive area.

Comments were solicited for 60 days after the publication of each amendment. No comments were received in response to the interim rules. The factual situation set forth in the documents on March 25, 1986, and June 13, 1986, still provide a basis for these amendments. Accordingly, it has been determined that the interim rule published in the *Federal Register* on March 25, 1986, should remain effective as revised by the interim rule published in the *Federal Register* on June 13, 1986.

#### Executive Order 12291 and Regulatory Flexibility Act

These amendments have been issued in conformance with Executive Order 12291 and have been determined to be not "major rules". Based on information compiled by the Department, it has been determined that the amendments of March 25, 1986, and June 13, 1986, will have an estimated annual effect on the economy of less than \$85,000; will not cause a major increase in cost or prices for consumers, individual industries, Federal, State or local government agencies, or geographic regions; and will not cause significant adverse effects on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

For this action, the Office of Management and Budget has waived the

review process required by Executive Order 12291.

These actions affected the interstate movement of regulated articles from specified areas in the States of Arkansas, Louisiana, and Mississippi. There are hundreds of small entities that move such articles interstate from nonregulated areas in the United States. However, based on information compiled by the Department, it has been determined that approximately 72 small entities move such articles interstate from the specified areas in those States. Further, the overall economic impact from this action is estimated to be less than \$85,000.

Under these circumstances, the Administrator of the Animal and Plant Health Inspection Service has determined that the amendments of March 25, 1986, and June 13, 1986, will not have a significant economic impact on a substantial number of small entities.

#### Executive Order 12372

This program/activity is listed in the Catalog of Federal Domestic Assistance under No. 10.025 and is subject to the provisions of Executive Order 12372, which requires international consultation with State and local officials. (See 7 CFR Part 3015, Subpart V.)

#### List of Subjects in 7 CFR Part 301

Agricultural commodities, Plant pests, Plants (Agriculture), Quarantine, Transportation, Pink bollworm.

#### PART 301—DOMESTIC QUARANTINE NOTICES

Accordingly, the amendments to § 301.52-2a in the interim rule published at 10183-10185 on March 25, 1986, as amended by the interim rule published at 51 FR 21498-21499 on June 13, 1986, are adopted as a final rule.

**Authority:** 7 U.S.C. 150dd, 150ee, 150ff, 161, 162 and 164-167; 7 CFR 2.17, 2.51, and 371.2(c).

Done in Washington, DC, this 3rd day of December 1986.

**D. Husnik,**

*Deputy Administrator, Plant Protection and Quarantine, Animal and Plant Health Inspection Service.*

[FR Doc. 86-27535 Filed 12-5-86; 8:45 am]

BILLING CODE 3410-34-M



**9 CFR Part 92**

[Docket No. 86-105]

**Restrictions on Importation of Horses From Norway****AGENCY:** Animal and Plant Health Inspection Service, USDA.**ACTION:** Affirmation of interim rule.

**SUMMARY:** We are affirming without change an interim rule that added Norway to the list of countries in which contagious equine metritis (CEM) exists and that restricted the importation of certain horses into the United States from Norway. This rule is necessary because CEM has been found to exist in Norway, and restrictions on the importation of horses from Norway are therefore needed to protect livestock in the United States from the disease.

**EFFECTIVE DATE:** December 8, 1986.**FOR FURTHER INFORMATION CONTACT:**

Dr. Dan Sheesley, Import-Export Operations Staff, VS, APHIS, USDA, Room 764, Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782, 301-436-8170.

**SUPPLEMENTARY INFORMATION:****Background**

On August 15, 1986, we published in the *Federal Register* (51 FR 29210-29211) an interim rule that amended § 92.2(i)(1) of the regulations. The interim rule added Norway to the list of countries where CEM exists and from which, with certain exceptions, horses may not be imported into the United States. The regulations also prohibit, with certain exceptions, the importation into the United States of horses that have been in any of the listed countries within the 12 months immediately preceding their importation into the United States. Norway was added to the list because the Office of International Epizootics had confirmed the existence of CEM in that country.

The interim rule became effective on August 15, 1986, the date it was published, in order to protect the livestock industry in the United States against CEM. We solicited comments on the interim rule for 60 days but received none. The facts set forth in the interim rule on August 15, 1986, have not changed and still provide a basis for the amendment.

**Executive Order 12291 and Regulatory Flexibility Act**

This rule is issued in conformance with Executive Order 12291 and has been determined to be not a "major rule." Based on information compiled by

the Department, it has been determined that this rule will not have a significant effect on the economy, will not cause a major increase in costs or prices for consumers, individual industries, Federal, State, or local government agencies, or geographic regions; and will have no significant adverse effects on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

For this action, the Office of Management and Budget has waived its review process required by Executive Order 12291.

The Administrator of the Animal and Plant Health Inspection Service has determined that this action will not have a significant economic impact on a substantial number of small entities. Five horses were imported from Norway in Fiscal Year 1985. This compares with about 3,340 stallions and mares imported into the United States from countries affected with CEM during fiscal year 1984 and with about 36,000 horses of all classes imported into the United States during that same period.

**Executive Order 12372**

This program/activity is listed in the Catalog of Federal Domestic Assistance under No. 10.025 and is subject to the provisions of Executive Order 12372, which requires intergovernmental consultation with State and local officials. (See 7 CFR Part 3015, Subpart V).

**List of Subjects in 9 CFR Part 92**

Animal diseases, Canada, Imports, Livestock and livestock products, Mexico, Poultry and poultry products, Quarantine, Transportation, Wildlife.

**PART 92—IMPORTATION OF CERTAIN ANIMALS AND POULTRY AND CERTAIN ANIMAL AND POULTRY PRODUCTS; INSPECTION AND OTHER REQUIREMENTS FOR CERTAIN MEANS OF CONVEYANCE AND SHIPPING CONTAINERS THEREON**

Accordingly, the interim rule amending 9 CFR Part 92 that was published at 51 FR 29210-29211 on August 15, 1986, is adopted as a final rule.

Authority: 7 U.S.C. 1622; 19 U.S.C. 1306; 21 U.S.C. 102-105, 111, 134a, 134b, 134c, 134d, 134f, and 135; 7 CFR 2.17, 2.51, and 371.2(d).

Done in Washington, DC, this 3rd day of December 1986.

J.K. Atwell,

Deputy Administrator, Veterinary Services, Animal and Plant Health Inspection Service.

[FR Doc. 86-27483 Filed 12-5-86; 8:45 am]

BILLING CODE 3410-34-M

**9 CFR Part 92**

[Docket No. 86-112]

**Special Ports for Pet Birds, Nogales, AZ, et al.****AGENCY:** Animal and Plant Health Inspection Service, USDA.**ACTION:** Affirmation of interim rule.

**SUMMARY:** We are affirming without change an interim rule that amended the regulations concerning ports designated for the importation into the United States of pet birds by removing Nogales, Arizona, and El Paso and Laredo, Texas, from the list of special ports for the entry of pet birds from Mexico. This rule is necessary because few pet birds are offered for importation into the United States at these ports, while the Department continues to incur costs to operate and maintain them despite little or no occupancy.

**EFFECTIVE DATE:** December 8, 1986.**FOR FURTHER INFORMATION CONTACT:**

Mr. Wade Ritchie, Import-Export Operations Support Staff, VS, APHIS, USDA, Room 761, Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782, (301) 436-8172.

**SUPPLEMENTARY INFORMATION:****Background**

An interim rule published in the *Federal Register* on August 29, 1986 (51 FR 30838-30839), amended § 92.3 of 9 CFR Part 92 of the regulations by removing Nogales, Arizona, and El Paso and Laredo, Texas, from the list of special ports for the entry of pet birds from Mexico. This rule is necessary because few pet birds are offered for importation into the United States at these ports, while the Department continues to incur costs to operate and maintain them despite little or no occupancy. However, inspection stations at these ports will continue to operate, and certain pet birds exempt from quarantine requirements may be presented for entry at these ports. The interim rule became effective on the date of publication.

Comments were solicited for 60 days after publication of the interim rule. No comments were received in response to the interim rule. The factual situation set



forth in the document of August 29, 1986, still provides a basis for the amendment made by the interim rule. Accordingly, we have determined that the amendment should remain effective as published in the **Federal Register** on August 29, 1986.

#### **Executive Order 12291 and Regulatory Flexibility Act**

This action has been issued in accordance with Executive Order 12291 and has been determined to be not a "major rule." Based on information compiled by the Department, it has been determined that this rule will not have a significant effect on the economy; will not cause a major increase in costs or prices for consumers, individual industries, Federal, State, or local government agencies, or geographic regions; and will not cause a significant adverse effect on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

For this action, the Office of Management and Budget has waived its review process required by Executive Order 12291.

It is anticipated that the closing of quarantine facilities at the ports of Nogales, Arizona, and El Paso and Laredo, Texas, will not substantially reduce the number of pet birds imported from Mexico, since the inconvenience of obtaining an export permit for pet birds from Mexico already keeps the number of such imports very low. Also, it is economically disadvantageous to the Department to continue to operate and maintain these quarantine facilities. Inspection stations at these ports will remain open for the entry of animals from Mexico and for the entry of pet birds exempt from quarantine requirements.

The Mexican border ports of Hidalgo, Texas, and San Ysidro, California, will continue to operate as special ports for the entry of pet birds imported under § 92.2(c)(3).

Therefore, the Administrator of the Animal and Plant Health Inspection Service has determined that this action will not have a significant economic impact on a substantial number of small entities.

#### **Executive Order 12372**

This program/activity is listed in the Catalog of Federal Domestic Assistance under No. 10.025 and is subject to the provisions of Executive Order 12372, which requires intergovernmental consultation with State and local

officials. (See 7 CFR Part 3015, Subpart V.)

#### **List of Subjects in 9 CFR Part 92**

Animal diseases, Canada, Imports, Livestock and livestock products, Mexico, Poultry and poultry products, Quarantine, Transportation, Wildlife.

#### **PART 92—IMPORTATION OF CERTAIN ANIMALS AND POULTRY AND CERTAIN ANIMAL AND POULTRY PRODUCTS; INSPECTION AND OTHER REQUIREMENTS FOR CERTAIN MEANS OF CONVEYANCE AND SHIPPING CONTAINERS THEREON**

Accordingly, the interim rule amending 9 CFR Part 92 that was published at 51 FR 30838-30839 on August 29, 1986, is adopted as a final rule.

Authority: 7 U.S.C. 1622; 19 U.S.C. 1306; 21 U.S.C. 102-105, 111, 134a, 134b, 134c, 134d, 134f, and 135; 7 CFR 2.17, 2.51, and 371.2(d).

Done in Washington, DC, this 3rd of December, 1986.

J.K. Atwell,

*Deputy Administrator, Veterinary Services, Animal and Plant Health Inspection Service.*

[FR Doc. 86-27482 Filed 12-5-86; 8:45 am]

BILLING CODE 3410-34-M

#### **9 CFR Part 97**

[Docket No. 86-040]

#### **Overtime Services Relating to Imports and Exports; Commuted Traveltime Allowances**

**AGENCY:** Animal and Plant Health Inspection Service, USDA.

**ACTION:** Final rule.

**SUMMARY:** This document amends the regulations in 9 CFR Part 97 which prescribe commuted traveltime allowances. The regulations are amended by changing the commuted traveltime period for Veterinary Services personnel to travel within the Houston, Texas, metropolitan area to and from the Houston Intercontinental Airport to perform certain reimbursable duties. This action is necessary to more accurately reflect the time required for such travel.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** Louise Rakestraw Lothery, Assistant Executive Officer, VS, APHIS, USDA, Room 857, Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782, 301-436-8511.

#### **SUPPLEMENTARY INFORMATION: Background**

The regulations in 9 CFR Part 97, entitled "Overtime Services Relating to Imports and Exports" (referred to below as the regulations), set forth provisions for obtaining, on a reimbursable basis, inspection, laboratory testing, certification, or quarantine services pertaining to the importation and exportation of animals, animal byproducts, or other commodities, during Sundays, holidays, or at other times outside the regular tour of duty of Veterinary Services (VS) employees who perform such services. These services are provided upon request to any person, firm, or corporation having ownership, custody, or control of the animals, animal byproducts, or commodities requiring such services.

The regulations provide that under certain circumstances the charges for reimbursable services of a VS employee shall include charges for a commuted traveltime period. Section 97.2 of the regulations contains administrative instructions prescribing commuted traveltime periods. Traveltime periods reflect, as nearly as is practicable, the time required for a VS employee to travel from the employee's duty station to the locality where the service is provided and to return to the employee's duty station.

This document amends § 97.2 of the regulations by changing the commuted traveltime period for traveling within the Houston, Texas, metropolitan area to and from the Houston Intercontinental Airport (the amendments are set forth in the rule portion of this document). This action is necessary to more accurately reflect the time required for such travel.

#### **Executive Order 12291 and Regulatory Flexibility Act**

The rule is issued in conformance with Executive Order 12291 and has been determined to be not a "major rule". Based on information compiled by the Department, it has been determined that this rule will not have a significant effect on the economy; will not cause a major increase in costs or prices for consumers, individual industries, Federal, State or local government agencies, or geographic regions; and will not cause significant adverse effects on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

For this rulemaking action, the Office of Management and Budget has waived



the review process required by Executive Order 12291.

The number of animals, animal byproducts, or other commodities requiring inspection and other services of a VS employee on a Sunday, holiday, or overtime basis at the affected locations represent an insignificant portion of the total number of animals, animal byproducts, and other commodities that require such services at locations in the United States.

Under these circumstances, the Administrator of the Animal and Plant Health Inspection Service has determined that this action will not have a significant economic impact on a substantial number of small entities.

#### Effective Date

The commuted traveltime periods appropriate for employees performing services at ports of entry, and the features of the reimbursement plan for recovering the cost of furnishing port of entry services depend upon facts within the knowledge of the Department of Agriculture. It does not appear that public participation in this rulemaking proceeding would make additional relevant information available to the Department.

Accordingly, pursuant to the administrative procedure provisions in 5 U.S.C. 553, it is found upon good cause that prior notice and other public procedure with respect to this rule are impracticable and contrary to the public interest and good cause is found for making this rule effective less than 30 days after publication of this document in the Federal Register.

#### Executive Order 12372

This program/activity is listed in the Catalog of Federal Domestic Assistance under No. 10.025 and is subject to the provisions of Executive Order 12372 which requires intergovernmental consultation with State and local officials. (See 7 CFR Part 3015, Subpart V).

#### List of Subjects in 9 CFR Part 97

Exports, Government employees, Imports, Livestock and livestock products, Poultry and poultry products, Transportation.

#### PART 97—OVERTIME SERVICES RELATING TO IMPORTS AND EXPORTS

Under the circumstances described above, 9 CFR Part 97 is amended as follows:

1. The authority citation for Part 97 continues to read as set forth below:

Authority: 7 U.S.C. 2260; 49 U.S.C. 1741; 7 CFR 2.17, 2.51, and 371.2(d).

2. Section 97.2 is amended by adding in alphabetical order or removing the information as shown below:

#### § 97.2 Administrative instructions prescribing commuted traveltime.

| COMMUTED TRAVELTIME ALLOWANCES                              |             |                   |         |
|-------------------------------------------------------------|-------------|-------------------|---------|
| [In hours]                                                  |             |                   |         |
| Location covered                                            | Served from | Metropolitan area |         |
|                                                             |             | Within            | Outside |
| Delete:                                                     |             |                   |         |
| Texas:                                                      |             |                   |         |
| Houston (except Houston Intercontinental Airport)           |             |                   | 2       |
| Houston Intercontinental Airport                            |             |                   | 3       |
| Add:                                                        |             |                   |         |
| Texas: Houston (including Houston Intercontinental Airport) |             |                   | 2       |

Done at Washington, DC, this 3rd day of December 1986.

J.K. Atwell,

Deputy Administrator, Veterinary Services.

[FR Doc. 86-27484 Filed 12-5-86; 8:45 am]

BILLING CODE 3410-34-M

#### SMALL BUSINESS ADMINISTRATION

##### 13 CFR Part 101

#### Delegation of Authority to Conduct Program Activities in Field Offices; Certificate of Competency Approval Authority

AGENCY: Small Business Administration.

ACTION: Final rule.

**SUMMARY:** This rule adopts as final an interim rule published December 24, 1985, 50 FR 52436. The rule increased the Regional Administrators' authority to approve applications for Certificates of Competency (COC) from \$2,000,000 to \$5,000,000 and allowed the regional office COC specialists approval authority on COC cases valued less than \$250,000. Increasing the monetary approval authority of Regional Administrators has improved and expedited program delivery by placing the authority in the regional office which has direct responsibility of delivering SBA assistance. Delegating COC decision authority on cases valued less than \$250,000 to regional Office COC specialists has expedited the COC process on small dollar value cases and improved program delivery at the regional office level.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** John Whitmore, Director, Office of Industrial Assistance, Small Business Administration, 1441 L Street, NW., Washington, DC 20416. Telephone No. (202) 653-6582.

**SUPPLEMENTARY INFORMATION:** Part 101 consists of rules relating to the Agency's organization, management and procedures; therefore, notice of proposed rulemaking, public participation and reviews under Executive Order 12291 or the Regulatory Flexibility Act, 5 U.S.C. 501, *et seq.*, are not required and this amendment is adopted without resort to those procedures. This final rule does not contain recordkeeping requirements subject to the Paperwork Reduction Act 44 U.S.C. Chapter 35.

For the reasons set forth above and pursuant to authority in section 5(b)(6) of the Small Business Act, 15 U.S.C. 634, the Administrator is adopting the interim rule published on December 24, 1985, at 50 FR 52436 as final without change.

#### List of Subjects in 13 CFR Part 101

Authority delegations (Government agencies), Administrative practice and procedure, Organization and functions (Government agencies).

Dated: November 25, 1986.

Charles L. Heatherly,  
Acting Administrator.

[FR Doc. 86-27434 Filed 12-5-86; 8:45 am]

BILLING CODE 8025-01-M

##### 13 CFR Part 121

#### Definition of Small Business for Dredging

AGENCY: Small Business Administration.

ACTION: Interim final rule.

**SUMMARY:** SBA publishes this interim final regulation to clarify for the public and others who use our size standards that, as of November 3, 1986, the applicable size standard for the dredging industry will be \$9.5 million average annual receipts. This change is in response to an order from the District Court for the District of Columbia, dated November 3, 1986, which set aside the current dredging size standard (\$13.5 million), but left in place the previous size standard (\$9.5 million). This size standard will be in effect until SBA completes a review of the industry and promulgates final regulations reflecting the results of that review.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** Andrew A. Canellas, Director Size



Standards Staff, 1441 L Street NW., Room 601, Washington, DC 20416, (202) 653-6373.

**SUPPLEMENTARY INFORMATION:** On November 3, 1986, the United States District Court for the District of Columbia declared invalid the Small Business Administration's size standard for the dredging industry and remanded the administrative record of the rulemaking to the agency for further consideration. The Court recognized that the previous size standard for the dredging industry (\$9.5 million) was not challenged and remains in effect pending SBA's completion of its review of the remanded rulemaking record. SBA publishes this interim final regulation to clarify for the public and others who use our size standards that, as of the date of the court order (November 3, 1986), the applicable size standard for the dredging industry is \$9.5 million average annual receipts.

In addition, on October 15, 1986, Congress passed the National Defense Authorization Act of 1987 (Pub. L. 99-661) (Act) which contained in section 921 a mandate that SBA review the size standards of certain industries, dredging among them. The purpose of the review is to ensure that small business set-asides account for no more than approximately 30 percent of the total Federal contract dollar value for those industries. If SBA finds as a result of the review that the 30 percent threshold is exceeded for any industry under review, the Act requires the Agency to adjust the size standard for that industry accordingly.

In addition, the Act authorizes SBA to further divide industry categories when it receives evidence that such division is warranted due to special capital needs or special labor or geographic requirements or to recognize a new industry. New size standards would then be established for those new industry categories. SBA intends to consider the factors specified in the Act when conducting its review of the dredging industry.

In compliance with the Act, SBA intends to have the following: (1) To complete its review of the dredging industry by late April 1987; (2) to publish a proposed rule with a public comment period, adopting the results of the review; and (3) to publish a final rule after October 1, 1987. The interim final rule associated with this notice will remain in effect until such time after October 1, 1987, as the Agency publishes final regulations concerning the

appropriate size standard(s) for the dredging industry.

#### Compliance with Executive Order 12291, the Regulatory Flexibility Act, and the Paperwork Reduction Act

SBA certifies that this regulation is a major rule in that it would have an annual economic impact of over \$100 million and that it is likely to have a significant economic effect on a substantial number of small entities. However, SBA is not publishing a Regulatory Impact Analysis or a Regulatory Flexibility Analysis at this time, as authorized by section 8 of Executive Order 12291 and section 608 of the Regulatory Flexibility Act, 5 U.S.C. 608. SBA finds it impracticable to follow the requirements of the Executive Order or the Regulatory Flexibility Act in a timely fashion since this rule is being promulgated in response to a court order which struck down the previous size standard of \$13.5 million for the dredging industry.

At such time as proposed and final regulations resulting from the Agency's review of this industry are published, SBA will fully comply with the requirements of both the Executive Order and the Regulatory Flexibility Act.

SBA also certifies that this regulation contains no reporting or recordkeeping requirements which are subject to the Paperwork Reduction Act, 44 U.S.C. Ch. 35.

#### List of Subjects in 13 CFR Part 121

Administrative practice and procedure, Government procurement, Government property, Grant programs—business, Loan programs—business, Reporting and recordkeeping requirements, Small business.

#### PART 121—[AMENDED]

1. The authority citation for Part 121 continues to read as follows:

**Authority:** Secs. 3(a) and 5(b)(6), Small Business Act (15 U.S.C. 632(a) and 634(b)(6)).

##### § 121.2 [Amended]

2. Section 121.2(c)(2) of 13 CFR Part 121 is amended by changing the entry for 1629, Dredging and Surface Cleanup Activities, under Major Group 16, from "13.5" to "9.5."

Dated: November 25, 1986.

Charles L. Heatherly,  
Acting Administrator.

[FR Doc. 86-27134 Filed 12-5-86; 8:45 am]

BILLING CODE 8025-01-M

#### 13 CFR Part 125

[Revision 1, Amdt. 5]

#### Certificate of Competency Program; Certificate of Competency Approval Authority

**AGENCY:** Small Business Administration (SBA).

**ACTION:** Final rule.

**SUMMARY:** This rule adopts as final an interim rule published December 24, 1985, at 50 FR 52437. That rule transferred the monetary limit on the Regional Office's delegated COC authority from 13 CFR 125.5 to the more appropriate section of the regulation 13 CFR 101.3. This was an administrative change and did not affect the COC process.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** John Whitmore, Director, Office of Industrial Assistance, Small Business Administration, 1441 L Street, NW., Washington, DC 20416. Telephone No. (202) 653-6582.

**SUPPLEMENTARY INFORMATION:** Inasmuch as this final rule affects internal procedures only, notice of proposed rulemaking, public participation and a Regulatory Flexibility Review pursuant to 5 U.S.C. 601, *et seq.*, are not required and this final rule is adopted without resort to those procedures. This final rule does not contain recordkeeping requirements subject to the Paperwork Reduction Act 44 U.S.C. Chapter 35 and is not subject to Executive Order 12291, since it relates solely to Agency organization.

For the reasons set forth above and pursuant to authority in section 5(b)(6) of the Small Business Act, 15 U.S.C. 634, the Administrator is adopting the interim rule published on December 24, 1985, at 50 FR 52437 as final without change.

#### List of Subjects in 13 CFR Part 125

Government procurement, Small business, Technical assistance.

Dated: November 25, 1986.

Charles L. Heatherly,  
Acting Administrator.

[FR Doc. 86-27437 Filed 12-5-86; 8:45 am]

BILLING CODE 8025-01-M



## DEPARTMENT OF TRANSPORTATION

## Federal Aviation Administration

## 14 CFR Part 39

[Docket No. 86-CE-63-AD; Amdt. 39-5482]

**Airworthiness Directives; Beech Aircraft Corporation Model B-100 Airplanes**

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule, request for comments.

**SUMMARY:** This amendment adopts a new Airworthiness Directive (AD), applicable to Beech Aircraft Corporation Model B-100 airplanes, which requires the use of continuous ignition during flight in meteorological conditions shown to result in flameout until such conditions no longer exist. The FAA has received numerous reports of single and dual-engine flameouts attributed to known or suspected ice ingestion on airplanes powered by Garrett TPE-331 engines. One report of flameout during flight was reported on the Beech Model B-100 airplane. The requirements of this AD will prevent significant power interruptions and spool down due to inadvertent flameout by providing a source of ignition to reestablish combustion quickly once the ingested ice has passed through the engine and a proper fuel/air mixture is reestablished.

**EFFECTIVE DATES:** December 15, 1986. Comments for inclusion in the Rules Docket must be received on or before January 14, 1987.

**Compliance:** As prescribed within the body of the AD.

**ADDRESSES:** Garrett Turbine Engine Company (GTEC) Operating Information (OI) Letter 331-11 dated April 30, 1985, applicable to this AD may be obtained from GTEC, P.O. Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000; or the Beech Aircraft Corporation, P.O. Box 85, Wichita, Kansas 67201; Telephone (316) 681-9111; or the Rules Docket at the address below. Send comments on the AD in duplicate to FAA, Central Region, Attention: Rules Docket, No. 86-CE-63-AD, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106. Comments may be inspected at this location between 8 a.m. and 4 p.m., Monday through Friday, holidays excepted.

**FOR FURTHER INFORMATION CONTACT:** Mr. John P. Dow, Sr., FAA, Central Region, Project Support Section Foreign, ACE-109, 601 East 12th Street, Kansas

City, Missouri 64106; Telephone (816) 374-6932.

**SUPPLEMENTARY INFORMATION:**

Numerous U.S. certificated airplanes, including the Beech B-100 airplanes, are powered by GTEC TPE 331 engines. The FAA has received reports of 53 single and dual-engine flameouts in the U.S. and overseas from operators of airplanes powered by these engines. All of these flameouts occurred during or after a known or suspected icing encounter and are attributed to ice ingestion causing an interruption of power and spool down of the engine. There were eleven reports of dual-engine flameouts, seven of those occurring in flight and four on the ground. In three of the seven in-flight reports, both engines flamed out during final approach and in two of the three reports, the airplane landed without engine power. The ice ingestion/flameout event apparently occurs because of ice buildup prior to use of anti-ice protection, not using or prematurely turning off ignition, or anti-ice system failure. In some cases, crew action was based upon the mistaken belief that airframe and engine installations were free of the ice hazard because of clear air conditions with no visible moisture and no substantial airframe ice accretion.

One in-flight flameout report was reported on the Beech Model B-100 with a successful restart and no subsequent damage. Analysis of these events, and coordination with the airframe and engine manufacturers has led to certain conclusions. The number of reports correlates very closely with exposure to an icing environment which is greatest for FAR 135 operators who fly approximately 2,000 hours per airplane per year, and in some regions, are routinely exposed to flight in an icing environment during the icing season on every flight at lower altitudes with no opportunity to deviate from the route or delay departures substantially. These FAR 135 operators are also required to submit service difficulty reports (SDRs). FAR 91 operators submit SDRs on a voluntary basis only, and from the record, at a lower rate than the FAR 135 operators. The greater exposure and required reporting are believed to account for the apparent but incorrect assumption of a high rate of flameouts of engines installed on certain commuter airplanes, and no potential problem with engines installed on other airplanes.

The engine manufacturer commented that, despite some differences in gas path parameters between various models of TPE-331 engines installed in these airplanes, none of the differences

were believed to have a significant effect on ice ingestion capability margin. These facts have led the FAA to conclude that the potential for flameout due to icing exists in all GTEC TPE-331 engine installations, and no model variant appears more or less susceptible to flameout due to design features of the engine, or installation variances. It has been observed that while some models of airplanes have accrued a substantial engine time with few flameouts, the data must be tempered by understanding that only a small fraction of the flight time, perhaps one hour per hundred, may be in an icing environment by FAR 91 operators. Also, that for a twin engine airplane, the engine time is twice the flight time and the concern is dual engine flameouts per flight hour. These two considerations will thereby increase the apparent flameout per engine hour rate by an estimated factor of at least 200. While rate of occurrence is discussed, a singular event in the fleet is sufficient to initiate AD action.

From these facts, the FAA has observed that a dual engine flameout is possible at altitudes and locations that would preclude a safe landing prior to ground contact. It is also possible that total loss of power in an icing environment will preclude the use of bleed-air powered surface de-icing equipment. Either of these conditions could result in a stall or stall/spin accident.

The GTEC has demonstrated that the power interruptions caused by a flameout event can be minimized by the use of an automatic-relite (auto-relite) ignition system which senses power or RPM loss, to energize the ignition exciter unit until power or RPM is restored, then de-energize the ignition exciter unit.

In 1981, the FAA issued an Airworthiness Directive (AD) against certain airplanes requiring installation of an auto-relite for flight into known icing conditions. Since that time, ten flameout reports were received on that model with only two occurring in-flight. The eight ground flameouts occurred when the auto-relite was disabled. Verification of the in-flight events revealed that the flameouts occurred because the auto-relite was not enabled when the ignition selector was improperly set. The auto-relite system on the airplane model evidently functioned adequately to restore power quickly after an ice-induced in-flight flameout. A subsequent bird ingestion event demonstrated the auto-relite effectiveness in other than ice ingestion events. Auto-relite is not presently required in another similar model. The latter model accrues approximately 21



percent less FAR 135 flight time than the former model. Seven in-flight flameout reports were received on the latter during the same period.

Considering the above facts, the FAA has concluded that: (1) The dual engine in-flight flameout is an unsafe condition; (2) Ice-induced dual-engine flameouts are probable; (3) No GTEC TPE-331 model engine can be excluded from the consequences of ice-induced flameout (except the TPE-331-14 which has auto-relite); (4) No model aircraft having a TPE-331 engine can be excluded from the probability of ice-induced flameout using fleet exposure times as substantiation of reliability when an ice-induced flameout event has been reported; (5) Continuous ignition or auto-relite, if available, is effective in rapidly restoring power after an ice-induced flameout.

The FAA has determined there are approximately 138 airplanes affected by this AD. The cost of compliance with the AD is estimated at \$6.45 per additional ignition hour per airplane. This increase in usage cost is so small that it will not have a significant economic impact on a substantial number of small entities.

Since the FAA has determined that the unsafe condition described herein is likely to exist or develop in other airplanes of the same type design, an AD is being issued requiring the use of continuous ignition when operating in actual or potential icing conditions on Beech Aircraft Corporation Model B-100 airplanes. Because an emergency condition exists that requires the immediate adoption of this regulation, it is found that notice and public procedure hereon are impractical and contrary to the public interest, and good cause exists for making this amendment effective in less than 30 days.

Although this action is in the form of a final rule which involves requirements affecting immediate flight safety and, thus, was not preceded by notice and public procedure, comments are invited on the rule. Interested persons are invited to comment on this rule by submitting such written data, views, or arguments as they may desire. Communications should identify the regulatory docket number and be submitted in duplicate to the address specified above. All communications received on or before the closing date for comments will be considered by the Director. This rule may be amended in light of comments received. Comments that provide a factual basis supporting the views and suggestions presented are particularly helpful in evaluating the effectiveness of the AD and determining whether additional rulemaking is needed. Comments are specifically

invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket, at the address given above. A report summarizing each FAA-public contact, concerned with the substance of this AD, will be filed in the Rules Docket.

The FAA has determined that this regulation is an emergency regulation that is not major under section 8 of Executive Order 12291. It is impracticable for the agency to follow the procedures of Order 12291 with respect to this rule since the rule must be issued immediately to correct an unsafe condition in aircraft. It has been further determined that this document involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). If this action is subsequently determined to involve a significant regulation, a final regulatory evaluation or analysis, as appropriate, will be prepared and placed in the regulatory docket (otherwise, an evaluation is not required). A copy of it, when filed, may be obtained by contacting the Rules Docket under the caption "ADDRESSES" at the location identified.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aviation safety, Aircraft, Safety.

#### Adoption of the Amendment

#### PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends § 39.13 of Part 39 of the FAR as follows:

1. The authority citation for Part 39 continues to read as follows:

Authority: 49 U.S.C. 1354(a), 1421 and 1423; 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); and 14 CFR 11.89.

#### § 39.13 [Amended]

2. By adding the following new AD:

**Beech Aircraft Corporation:** Applies to Model B-100 (all serial numbers) airplanes certificated in any category.

**Compliance:** Required within the next 50 hours time-in-service after the effective date of this AD, unless already accomplished.

To prevent engine flameout when in or departing an icing environment, accomplish the following:

(a) Revise the airplane Pilot's Operating Handbook and Airplane Flight Manual (POH/AFM) by inserting Appendix 1 of this AD in the "LIMITATIONS" section of the POH/AFM. Appendix 1 procedures

supersede any other POH/AFM procedures which may be contradictory.

(b) The requirements of paragraph (a) of this AD may be accomplished by the holder of a pilot certificate issued under Part 61 of the Federal Aviation Regulations on any airplane owned or operated by him. The person accomplishing these actions must make the appropriate aircraft maintenance record entry as prescribed by FAR 91.173.

(c) Airplanes may be flown in accordance with FAR 21.197 to a location where this AD may be accomplished.

(d) An equivalent method of compliance with this AD, if used, must be approved by contacting the Manager, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; Telephone (316) 946-4400.

All persons affected by this directive may obtain copies of the document referred to herein upon request to GTEC, P.O. Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000; or Beech Aircraft Corporation, P.O. Box 85, Wichita, Kansas 67201; Telephone (316) 681-9111; or FAA, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106.

This amendment becomes effective on December 15, 1986.

Issued in Kansas City, Missouri, on November 28, 1986.

Edwin S. Harris,  
Director, Central Region.

#### Appendix 1—Supplement to the POH/AFM Beech Model B-100 Airplanes

"The MAN FUEL/IGN switches shall be selected to ON during all operations in actual or potential icing conditions described herein:

(1) During takeoff and climb out in actual or potential icing conditions.

(2) When ice is visible on, or shedding from propeller(s), spinner(s), or leading edge(s).

(3) Before selecting ANTI-ICE, when ice has accumulated.

(4) Immediately, any time engine flameout occurs as a possible result of ice ingestion.

(5) During approach and landing while in or shortly following flight in actual or potential icing conditions.

\*Note.—If icing conditions are entered in flight without the engine anti-icing system having been selected, switch one ENGINE system to the ANTI-ICE ON position. If the engine runs satisfactorily, switch the second ENGINE system to the ANTI-ICE ON position and check that the second engine continues to run satisfactorily.

#### Caution

Flight in actual or potential icing conditions will be limited by duty cycle of the ignition system. Ignition system time limits must be observed to prevent exceeding duty cycle times. Operator should verify these limits for his particular installation.

For the purpose of this supplement, the following definition applies:

"Potential icing conditions in precipitation or visible moisture meteorological conditions:



- (1) Begin when the OAT is +5 °C (+41 °F) or colder, and  
 (2) End when the OAT is +10 °C (+50 °F) or warmer."

The procedures and conditions described in this appendix supersede any other POH/AFM procedures and conditions which may be contradictory.

[FR Doc. 86-27414 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-13-M

#### 14 CFR Part 39

[Docket No. 86-CE-19-AD; Amendment 39-5480]

#### Airworthiness Directives; British Aerospace (BAe) PLC, Aircraft Group, Civil Division-Frestwick, Jetstream Model 3101 (Includes Model 3100) Airplanes

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule, request for comments.

**SUMMARY:** This amendment adopts a new Airworthiness Directive (AD), applicable to all British Aerospace (BAe) Jetstream Model 3101 (includes 3100) airplanes. This AD requires the use of continuous ignition during flight in meteorological conditions shown to result in flameout until such conditions no longer exist, or allows modification of the airplane with an FAA approved automatic-relite ignition system. The FAA has received numerous reports of single and dual-engine flameouts attributed to known or suspected ice ingestion on airplanes powered by Garrett TPE-331 engines. Two reports of three flameouts during descent were reported on the BAe Model 3101 airplane. The requirements of this AD will prevent significant power interruptions and spool down due to inadvertent flameout by providing a source of ignition to reestablish combustion quickly once the ingested ice has passed through the engine and a proper fuel/air mixture is reestablished.

**EFFECTIVE DATES:** December 15, 1986. Comments for inclusion in the Rules Docket must be received on or before January 14, 1987.

Compliance: As prescribed in the body of the AD.

**ADDRESSES:** Garrett Turbine Engine Company (GTEC) Operating Information (OI) Letter 331-11 dated April 30, 1985, applicable to this AD may be obtained from GTEC, Post Office Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000, or British Aerospace, Engineering Department, Post Office Box 17414, Dulles International Airport, Washington, DC 20041; Telephone (703)

435-9100, or the Rules Docket at the address below. Send comments on the AD in duplicate to Federal Aviation Administration, Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 86-CE-19-AD, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106. Comments may be inspected at this location between 8 a.m. and 4 p.m., Monday through Friday, holidays excepted.

#### FOR FURTHER INFORMATION CONTACT:

Mr. John P. Dow, Sr., FAA, Project Support Section Foreign, ACE-109, 601 East 12th Street, Kansas City, Missouri 64106; Telephone (816) 374-6932.

#### SUPPLEMENTARY INFORMATION:

Numerous U.S. certificated airplanes, including the BAe 3101 airplanes are powered by GTEC TPE 331 engines. The FAA has received reports of 53 single and dual-engine flameouts in the U.S. and overseas from operators of airplanes powered by these engines. All of these flameouts occurred during or after a known or suspected icing encounter and are attributed to ice ingestion causing an interruption of power and spool down of the engine. There were eleven reports of dual engine flameouts, seven of those occurring in flight and four on the ground. In three of the seven in flight reports, both engines flamed out during final approach and in two of the three reports, the airplane landed without engine power. The ice ingestion/flameout event apparently occurs because of ice buildup prior to use of anti-ice protection, not using, or prematurely turning off ignition, or anti-ice system failure. In some cases, crew action was based upon the mistaken belief that airframe and engine installations were free of the ice hazard because of clear air conditions with no visible moisture and no substantial airframe ice accretion.

Two flameout reports involving three in-flight flameouts were reported on the BAe 3101 with successful restarts and no subsequent damages. Analysis of these events, and coordination with the airframe and engine manufacturers has led to certain conclusions. The number of reports correlates very closely with exposure to an icing environment which is greatest for FAR 135 operators who fly approximately 2,000 hours per airplane per year, and in some regions, are routinely exposed to flight in an icing environment during the icing season on every flight at lower altitudes with no opportunity to deviate from the route or delay departures substantially. These FAR 135 operators are also required to submit service difficulty reports (SDRs). FAR 91 operators submit

SDRs on a voluntary basis only, and from the record, at a lower rate than the FAR 135 operators. The greater exposure and required reporting are believed to account for the apparent but incorrect assumption of a high rate of flameouts of engines installed on certain commuter airplanes, and no potential problem with engines installed on other airplanes.

The engine manufacturer commented that despite some differences in gas path parameters between various models of TPE-331 engines installed in these airplanes, none of the differences were believed to have a significant effect on ice ingestion capability margin. These facts have led the FAA to conclude that the potential for flameout due to icing exists in all GTEC TPE-331 engine installations, and no model variant appears more or less susceptible to flameout due to design features of the engine, or installation variances. It has been observed that while some models of airplanes have accrued a substantial engine time with few flameouts, the data must be tempered by understanding that only a small fraction of the flight time, perhaps one hour per hundred may be in an icing environment by FAR 91 operators. Also, for a twin engine airplane, the engine time is twice the flight time and the concern is dual engine flameouts per flight hour. These two considerations will thereby increase the apparent flameout per engine hour rate by an estimated factor of at least 200. While rate of occurrence is discussed, a singular event in the fleet is sufficient to initiate AD action.

From these facts, the FAA has observed that a dual engine flameout is possible at altitudes and locations that would preclude a safe landing prior to ground contact. It is also possible that total loss of power in an icing environment will preclude the use of bleed-air powered surface de-icing equipment. Either of these conditions could result in a stall or stall/spin accident.

The GTEC has demonstrated that the power interruptions caused by a flameout event can be minimized by the use of an automatic-relite (auto-relite) ignition system which senses power or RPM loss, to energize the ignition exciter unit until power or RPM is restored, then de-energizes the ignition exciter unit.

In 1981, the FAA issued an Airworthiness Directive (AD) against certain airplanes requiring installation of an auto-relite for flight into known icing conditions. Since that time, 10 flameout reports were received on that model with only two occurring in-flight. The eight ground flameouts occurred



when the auto-relite was disabled. Verification of the in-flight events revealed that the flameouts occurred because the auto-relite was not enabled when the ignition selector was improperly set. The auto-relite system on the airplane model evidently functioned adequately to restore power quickly after an ice induced in-flight flameout. A subsequent bird ingestion event demonstrated the auto-relite effectiveness in other than ice ingestion events. Auto-relite is not presently required in another similar model. The latter model accrues approximately 21 percent less FAR 135 flight time than the former model. Seven in-flight flame-out reports were received on the latter during the same period.

Considering the above facts, the FAA has concluded that: (1) The dual engine in-flight flameout is an unsafe condition; (2) Ice-induced dual-engine flameouts are probable; (3) No GTEC TPE-331 model engine can be excluded from the consequences of ice-induced flameout (except the TPE-331-14 which has auto-relite); (4) No model aircraft having a TPE-331 engine can be excluded from the probability of ice-induced flameout using fleet exposure times as substantiation of reliability when an ice-induced flameout event has been reported; (5) Continuous ignition or auto-relite is effective in rapidly restoring power after an ice-induced flameout.

The FAA has determined there are approximately 70 airplanes affected by this AD. The cost of compliance with the AD is estimated at \$6.45 per additional ignition hour per airplane. This increase in usage cost is so small that it will not have a significant economic impact on a substantial number of small entities.

Since the FAA has determined that the unsafe condition described is likely to exist or develop in other BAe Jetstream 3101 (includes Model 3100) airplanes of the same design, an AD is being issued which requires the use of continuous ignition when operating in actual or potential icing conditions. Since modification of the airplane is not required and because the requirements of the AD involve only procedural changes, the compliance time of 50 hours time-in-service was chosen. Because an emergency condition exists that requires the immediate adoption of this regulation, it is found that notice and public procedure hereon are impractical and contrary to the public interest, and good cause exists for making this amendment effective in less than 30 days.

Although this action is in the form of a final rule which involves requirements effecting immediate flight safety and, thus, was not preceded by notice and

public procedure, comments are invited on the rule. Interested persons are invited to comment on this rule by submitting such written data, views or arguments as they may desire. Communications should identify the regulatory docket number and be submitted in duplicate to the address specified above. All communications received on or before the closing date for comments will be considered by the Director. This rule may be amended in the light of comments received. Comments that provide a factual basis is supporting the views and suggestions presented are particularly helpful in evaluating the effectiveness of the AD and determining whether additional rulemaking is needed. Comments are specifically invited on the overall regulatory, economic, environmental and energy aspects of the rule that might suggest a need to modify the rule. All comments submitted will be available both before and after the closing date for comments in the Rules Docket for examination by interested persons. A report summarizing each FAA public contact concerned with the substance of this AD will be filed in the Rules Docket.

The FAA has determined that this regulation is an emergency regulation that is not major under Section 8 of Executive Order 12291. It is impracticable for the agency to follow the procedures of Order 12291 with respect to this rule since the rule must be issued immediately to correct an unsafe condition in aircraft. It has been further determined that this document involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). If this action is subsequently determined to involve a significant regulation, a final regulatory evaluation or analysis, as appropriate, will be prepared and placed in the regulatory docket (otherwise, an evaluation is not required). A copy of it, when filed, may be obtained by contacting the Rules Docket under the caption "ADDRESSES" at the location identified.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aviation safety, Aircraft, Safety.

#### Adoption of the Amendment

#### PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends § 39.13 of Part 39 of the FAR as follows:

1. The authority citation for Part 39 continues to read as follows:

Authority: 49 U.S.C. 1354(a), 1421 and 1423; 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); and 14 CFR 11.89.

#### § 39.13 [Amended]

2. By adding the following new AD:

**British Aerospace, PLC, Aircraft Group, Civil Division-Prestwick:** Applies to Jetstream Model 3101 (including 3100) (all serial numbers) airplanes certificated in any category.

Compliance: Required within the next 50 hours time-in-service after the effective date of this AD, unless already accomplished.

To prevent engine flameout when in or departing an icing environment, accomplish the following:

(a) Revise the airplane Pilot's Operating Handbook and Airplane Flight Manual (POH/AFM) by inserting Appendix 1 of this AD in the "LIMITATIONS" section of the POH/AFM. Appendix 1 procedures supersede any other POH/AFM procedures which may be contradictory.

(b) The requirements of paragraph (a) of this AD are no longer required when the airplane is modified by the addition of an FAA approved automatic-relite ignition system.

**Note.**—Automatic-relite ignition is a system which automatically energizes engine ignition without pilot action when engine RPM or torque decays below a specified level, and deenergizes engine ignition when RPM or torque exceeds the specified level. It is not synonymous with CONTINUOUS IGNITION.

(c) The requirements of paragraph (a) of this AD may be accomplished by the holder of a pilot certificate issued under Part 61 of the Federal Aviation Regulations on any airplane owned or operated by him. The person accomplishing these actions must make the appropriate aircraft maintenance record entry as prescribed by FAR 91.173.

(d) Airplanes may be flown in accordance with location where this AD may be accomplished.

(e) An equivalent method of compliance with this AD, if used, must be approved by contacting the Manager, Brussels Certification Office, AEU-100, Europe, Africa, and Middle East Office, c/o American Embassy, 1000 Brussels, Belgium; Telephone 513.38.30, extension 2710/2711.

All persons affected by this AD may obtain copies of the document referred to herein upon request to GTEC, Post Office Box 5217, Phoenix, Arizona 85010; or British Aerospace, Engineering Department, Post Office Box 17414, Dulles International Airport, Washington, DC 20041; or FAA, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106.

This amendment becomes effective on December 15, 1986.



Issued in Kansas City, Missouri, on November 28, 1986.

Edwin S. Harris,  
Director, Central Region.

#### Appendix 1—Supplement to the POH/AFM BAe Model 3101 Airplanes

"The ENGINE ICE PROTECTION switch shall be selected to ANTI-ICE/IGN during all operations in actual or potential icing conditions described herein:

(1) During takeoff and climb out in actual or potential icing conditions.

(2) When ice is visible on, or shedding from propeller(s), spinner(s), or leading edge(s).

(3) Immediately, any time engine flameout occurs as a possible result of ice ingestion.

(4) During approach and landing while in or shortly following flight in actual or potential icing conditions.

\*Note.—If icing conditions are entered in flight without the engine anti icing system having been selected, switch one ENGINE system to ANTI ICE/IGN position. If the engine runs satisfactorily, switch the second ENGINE system to the ANTI-ICE/IGN position and check that the second engine continues to run satisfactorily.

#### Caution

Flight in actual or potential icing conditions will be limited by duty cycle of the ignition system. Ignition system time limits must be observed to prevent exceeding duty cycle times. Operator should verify these limits for his particular installation.

"Potential icing conditions in precipitation or visible meteorological conditions:

(1) Begin when the OAT is +5 °C (+41 °F) or colder, or

(2) End when the OAT is +10 °C (+50 °F) or warmer."

The procedures and conditions described in this appendix supersede any other POH/AFM procedures and conditions which may be contradictory.

[FR Doc. 86-27412 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-13-M

#### 14 CFR Part 39

[Docket No. 86-CE-61-AD; Amdt. 39-5484]

#### Airworthiness Directives; Cessna Aircraft Company Model 441 Airplanes

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule, request for comments.

**SUMMARY:** The amendment adopts a new Airworthiness Directive (AD), applicable to Cessna Aircraft Company Model 441 airplanes, which requires the use of continuous ignition during flight in meteorological conditions shown to result in flameout until such conditions no longer exist. The FAA has received numerous reports of single and dual-engine flameouts attributed to known or suspected ice ingestion on airplanes

powered by Garrett TPE-331 engines. Three in-flight flameouts were reported on the Cessna Model 441 airplanes. The requirements of this AD will prevent significant power interruptions and spool down due to inadvertent flameout by providing a source of ignition to reestablish combustion quickly once the ingested ice has passed through the engine and a proper fuel/air mixture is reestablished.

**DATES:** Effective December 15, 1986. Comments for inclusion in the Rules Docket must be received on or before January 14, 1987.

**Compliance:** As prescribed within the body of the AD.

**ADDRESSES:** Garrett Turbine Engine Company (GTEC) Operating Information (OI) Letter 331-11 dated April 30, 1985, applicable to this AD may be obtained from GTEC, P.O. Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000; or the Cessna Aircraft Company, P.O. Box 7704, Wichita, Kansas 67277; Telephone (316) 946-6143; or the Rules Docket at the address below. Send comments on the AD in duplicate to FAA, Central Region, Attention: Rules Docket, No. 86-CE-61-AD, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106. Comments may be inspected at this location between 8 a.m. and 4 p.m., Monday through Friday, holidays excepted.

**FOR FURTHER INFORMATION CONTACT:** Mr. John P. Dow, Sr., FAA, Central Region, Project Support Section Foreign, ACE-109, 601 East 12th Street, Kansas City, Missouri 64106; Telephone (816) 374-6932.

**SUPPLEMENTARY INFORMATION:** Numerous U.S. certificated airplanes, including the Cessna Model 441 airplanes, are powered by GTEC TPE 331 engines. The FAA has received reports of 53 single and dual-engine flameouts in the U.S. and overseas from operators of airplanes powered by these engines. All of these flameouts occurred during or after a known or suspected icing encounter and are attributed to ice ingestion causing an interruption of power and spool down of the engine. There were eleven reports of dual-engine flameouts, seven of those occurring in flight and four on the ground. In three of the seven in-flight reports, both engines flamed out during final approach and in two of the three reports, the airplane landed without engine power. The ice ingestion/flameout event apparently occurs because of ice buildup prior to use of anti-ice protection, not using or prematurely turning off ignition, or anti-ice system failure. In some cases, crew

action was based upon the mistaken belief that airframe and engine installations were free of the ice hazard because of clear air conditions with no visible moisture and no substantial airframe ice accretion.

Three in-flight flameouts were reported on the Cessna Model 441. Analysis of these events, and coordination with the airframe and engine manufacturers has led to certain conclusions. The number of reports correlates very closely with exposure to an icing environment which is greatest for FAR 135 operators who fly approximately 2,000 hours per airplane per year, and in some regions, are routinely exposed to flight in an icing environment during the icing season on every flight at lower altitudes with no opportunity to deviate from the route or delay departures substantially. These FAR 135 operators are also required to submit service difficulty reports (SDRs). FAR 91 operators submit SDRs on a voluntary basis only, and from the record, at a lower rate than the FAR 135 operators. The greater exposure and required reporting are believed to account for the apparent but incorrect assumption of a high rate of flameouts engines installed on certain commuter airplanes, and no potential problem with engines installed on other airplanes.

The engine manufacturer commented that, despite some differences in gas path parameters between various models of TPE-331 engines installed in these airplanes, none of the differences were believed to have a significant effect on ice ingestion capability margin. These facts have led the FAA to conclude that the potential for flameout due to icing exists in all GTEC TPE-331 engine installations, and no model variant appears more or less susceptible to flameout due to design features of the engine, or installation variances. It has been observed that while some models of airplanes have accrued a substantial engine time with few flameouts, the data must be tempered by understanding that only a small fraction of the flight time, perhaps one hour per hundred, may be in an icing environment by FAR 91 operators. Also, that for a twin engine airplane, the engine time is twice the flight time and the concern is dual engine flameouts per flight hour. These two considerations will thereby increase the apparent flameout per engine hour rate by an estimated factor of at least 200. While rate of occurrence is discussed, a singular event in the fleet is sufficient to initiate AD action. From these facts, the FAA has observed that a dual engine flameout is possible at altitudes and locations that would



preclude a safe landing prior to ground contact. It is also possible that total loss of power in an icing environment will preclude the use of bleed-air powered surface de-icing equipment. Either of these conditions could result in a stall or stall/spin accident. The GTEC has demonstrated that the power interruptions caused by a flameout event can be minimized by the use of an automatic-relite (auto-relite) ignition system which senses power or RPM loss, to energize the ignition exciter unit until power or RPM is restored, then de-energize the ignition exciter unit.

In 1981, the FAA issued an Airworthiness Directive (AD) against certain airplanes requiring installation of an auto-relite for flight into known icing conditions. Since that time, ten flameout reports were received on that model with only two occurring in-flight. The eight ground flameouts occurred when the auto-relite was disabled. Verification of the in-flight events revealed that the flameouts occurred because the auto-relite was not enabled when the ignition selector was improperly set. The auto-relite system on the airplane model evidently functioned adequately to restore power quickly after an ice-induced in-flight flameout. A subsequent bird ingestion event demonstrated the auto-relite effectiveness in other than ice ingestion events. Auto-relite is not presently required in another similar model. The latter model accrues approximately 21 percent less FAR 135 flight time than the former model. Seven in-flight flameout reports were received on the latter during the same period.

Considering the above facts, the FAA has concluded that: (1) The dual engine in-flight flameout is an unsafe condition; (2) Ice-induced dual-engine flameouts are probable; (3) No GTEC TPE-331 model engine can be excluded from the consequences of ice-induced flameout (except the TPE-331-14 which has auto-relite); (4) No model aircraft having a TPE-331 engine can be excluded from the probability of ice-induced flameout using fleet exposure times as substantiation of reliability when an ice-induced flameout event has been reported; (5) Continuous ignition or auto-relite, if available, is effective in rapidly restoring power after an ice-induced flameout.

The FAA has determined there are approximately 358 airplanes affected by this AD. The cost of compliance with the AD is estimated at \$6.45 per additional ignition hour per airplane. This increase in usage cost is so small that it will not have a significant economic impact on a substantial number of small entities.

Since the FAA has determined that the unsafe condition described herein is likely to exist or develop in other airplanes of the same type design, an AD is being issued requiring the use of continuous ignition when operating in actual or potential icing conditions on Cessna Aircraft Company Model 441 airplanes. Because an emergency condition exists that requires the immediate adoption of this regulation, it is found that notice and public procedure hereon are impractical and contrary to the public interest, and good cause exists for making this amendment effective in less than 30 days.

Although this action is in the form of a final rule which involves requirements affecting immediate flight safety and, thus, was not preceded by notice and public procedure, comments are invited on the rule. Interested persons are invited to comment on this rule by submitting such written data, views, or arguments as they may desire. Communications should identify the regulatory docket number and be submitted in duplicate to the address specified above. All communications received on or before the closing date for comments will be considered by the Director. This rule may be amended in light of comments received. Comments that provide a factual basis supporting the views and suggestions presented are particularly helpful in evaluating the effectiveness of the AD and determining whether additional rulemaking is needed. Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket, at the address given above. A report summarizing each FAA-public contact, concerned with the substance of this AD, will be filed in the Rules Docket.

The FAA has determined that this regulation is an emergency regulation that is not major under Section 8 of Executive Order 12291. It is impracticable for the agency to follow the procedures of Order 12291 with respect to this rule since the rule must be issued immediately to correct an unsafe condition in aircraft. It has been further determined that this document involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). If this action is subsequently determined to involve a significant regulation, a final regulatory evaluation or analysis, as appropriate, will be prepared and placed in the regulatory docket

(otherwise, an evaluation is not required). A copy of it, when filed, may be obtained by contacting the Rules Docket under the caption "ADDRESSES" at the location identified.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aviation safety, Aircraft, Safety.

#### Adoption of the Amendment

#### PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends § 39.13 of Part 39 of the FAR as follows:

1. The authority citation for Part 39 continues to read as follows:

Authority: 49 U.S.C. 1354(a), 1421 and 1423; 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); and 14 CFR 11.89.

#### § 39.13 [Amended]

2. By adding the following new AD:

**Cessna Aircraft Company:** Applies to Model 441 (all serial numbers) airplanes certificated in any category.

Compliance: Required within the next 50 hours time-in-service after the effective date of this AD, unless already accomplished.

To prevent engine flameout when in or departing an icing environment, accomplish the following:

(a) Revise the airplane Pilot's Operating Handbook and Airplane Flight Manual (POH/AFM) by inserting Appendix 1 of this AD in the "LIMITATIONS" section of the POH/AFM. Appendix 1 procedures supersede any other POH/AFM procedures which may be contradictory.

(b) The requirements of paragraph (a) of this AD may be accomplished by the holder of a pilot certificate issued under Part 61 of the Federal Aviation Regulations on any airplane owned or operated by him. The person accomplishing these actions must make the appropriate aircraft maintenance record entry as prescribed by FAR 91.173.

(c) Airplanes may be flown in accordance with FAR 21.197 to a location where this AD may be accomplished.

(d) An equivalent method of compliance with this AD, if used, must be approved by contacting the Manager, Wichita Aircraft Certification Office, ACE-115W, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; Telephone (316) 946-4400.

All persons affected by this directive may obtain copies of the document referred to herein upon request to GTEC, P.O. Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000; or Cessna Aircraft Company, P.O. Box 7704, Wichita, Kansas 67277; Telephone (316) 946-6143; or FAA Office of the Regional



Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106.

This amendment becomes effective on December 15, 1986.

Issued in Kansas City, Missouri, on November 28, 1986.

Edwin S. Harris,  
Director, Central Region.

#### Appendix 1—Supplement to the POH/AFM Cessna Model 441 Airplanes

The ENGINE IGNITION OVERRIDE switches shall be selected to ON during all operations in actual or potential icing conditions described herein:

(1) During takeoff and climb out in actual or potential icing conditions.

(2) When ice is visible on, or shedding from propeller(s), spinner(s), or leading edge(s).

(3) Before selecting ANTI-ICE, when ice has accumulated.

(4) Immediately, any time engine flameout occurs as a possible result of ice ingestion.

(5) During approach and landing while in or shortly following flight in actual or potential icing conditions.

**Note.**—If icing conditions are entered in flight without the engine anti-icing system having been selected, switch one ENGINE system to the ANTI-ICE ON position. If the engine runs satisfactorily, switch the second ENGINE system to the ANTI-ICE ON position and check that the second engine continues to run satisfactorily.

#### Caution

Flight in actual or potential icing conditions will be limited by duty cycle of the ignition system. Ignition system time limits must be observed to prevent exceeding duty cycle times. Operator should verify these limits for his particular installation.

For the purpose of this supplement, the following definition applies:

"Potential icing conditions in precipitation or visible moisture meteorological conditions:

(1) Begin when the OAT is +5°C (+41°F) or colder, and

(2) End when the OAT is +10°C (+50°F) or warmer."

The procedures and conditions described in this appendix supersede any other POH-AFM procedures and conditions which may be contradictory.

[FR Doc. 86-27411 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-13-M

#### 14 CFR Part 39

[Docket No. 86-CE-64-AD; Amdt. 39-5481]

**Airworthiness Directives; Fairchild Aircraft Models SA 226-T, SA 226-T(B), SA 226-AT, SA 226-TC Airplanes**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule, request for comments.

**SUMMARY:** This amendment adopts a new Airworthiness Directive (AD),

applicable to Fairchild Aircraft Corporation Models SA 226-T, SA 226-T(B), SAT 226-A, and SA 226-TC airplanes, herein referred to as "SA 226 Series" airplanes, which requires the use of automatic or continuous ignition during flight in meteorological conditions shown to result in flameout until such conditions no longer exist. The FAA has received numerous reports of single and dual-engine flameouts attributed to known or suspected ice ingestion on airplanes powered by Garrett TPE-331 engines. Six in-flight and nine ground flameouts were reported on the Fairchild Model SA 226 Series airplanes. The requirements of this AD will prevent significant power interruptions and spool down due to inadvertent flameout by providing a source of ignition to reestablish combustion quickly once the ingested ice has passed through the engine and a proper fuel/air mixture is reestablished.

**DATES:** Effective December 15, 1986.

Comments for inclusion in the Rules Docket must be received on or before January 14, 1987.

**Compliance:** As prescribed within the body of the AD.

**ADDRESSES:** Garrett Turbine Engine Company (GTEC) Operating Information (OI) Letter 331-11 dated April 30, 1985, applicable to this AD may be obtained from GTEC, P.O. Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000; or the Fairchild Aircraft Corporation, P.O. Box 32486, San Antonio, Texas 78284; Telephone (512) 824-9421; or the Rules Docket at the address below. Send comments on the AD in duplicate to FAA, Central Region, Attention: Rules Docket, No. 86-CE-64-AD, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106. Comments may be inspected at this location between 8 a.m. and 4 p.m., Monday through Friday, holidays excepted.

#### FOR FURTHER INFORMATION CONTACT:

Mr. John P. Dow, Sr., FAA, Central Region, Project Support Section Foreign, ACE-109, 601 East 12th Street, Kansas City, Missouri 64106; Telephone (816) 374-6932.

#### SUPPLEMENTARY INFORMATION:

Numerous U.S. certificated airplanes, including the Fairchild Model SA 226 Series airplanes, are powered by GTEC TPE 331 engines. The FAA has received reports of 53 single and dual-engine flameouts in the U.S. and overseas from operators of airplanes powered by these engines. All of these flameouts occurred during or after a known or suspected icing encounter and are attributed to ice ingestion causing an interruption of power and spool down of the engine.

There were eleven reports of dual-engine flameouts, seven of those occurring in flight and four on the ground. In three of the seven in-flight reports, both engines flamed out during final approach and in two of the three reports, the airplane landed without engine power. The ice ingestion/flameout event apparently occurs because of ice buildup prior to use of anti-ice protection, not using or prematurely turning off ignition, or anti-ice system failure. In some cases, crew action was based upon the mistaken belief that airframe and engine installations were free of the ice hazard because of clear air conditions with no visible moisture and no substantial airframe ice accretion.

Six in-flight and nine ground flameouts were reported on the Fairchild Model SA 226 Series airplanes. Analysis of these events, and coordination with the airframe and engine manufacturers has led to certain conclusions. The number of reports correlates very closely with exposure to an icing environment which is greatest for FAR 135 operators who fly approximately 2,000 hours per airplane per year, and in some regions, are routinely exposed to flight in an icing environment during the icing season on every flight at lower altitudes with no opportunity to deviate from the route or delay departures substantially. These FAR 135 operators are also required to submit service difficulty reports (SDRs). FAR 91 operators submit SDRs on a voluntary basis only, and from the record, at a lower rate than the FAR 135 operators. The greater exposure and required reporting are believed to account for the apparent but incorrect assumption of a high rate of flameouts of engines installed on certain commuter airplanes, and no potential problem with engines installed on other airplanes.

The engine manufacturer commented that, despite some differences in gas path parameters between various models of TPE-331 engines installed in these airplanes, none of the differences were believed to have a significant effect on ice ingestion capability margin. These facts have led the FAA to conclude that the potential for flameout due to icing exists in all GTEC TPE-331 engine installations, and no model variant appears more or less susceptible to flameout due to design features of the engine, or installation variances. It has been observed that while some models of airplanes have accrued substantial engine time with few flameouts, the data must be tempered by understanding that only a small fraction of the flight time, perhaps one hour per hundred, may be



in an icing environment by FAR 91 operators. Also, for a twin engine airplane, the engine time is twice the flight time and the concern is dual engine flameouts per flight hour. These two considerations will thereby increase the apparent flameout per engine hour rate by an estimated factor of at least 200. While rate of occurrence is discussed, a singular event in the fleet is sufficient to initiate AD action.

From these facts, the FAA has observed that a dual engine flameout is possible at altitudes and locations that would preclude a safe landing prior to ground contact. It is also possible that total loss of power in an icing environment will preclude the use of bleed-air powered surface de-icing equipment. Either of these conditions could result in a stall or stall/spin accident.

The GTEC has demonstrated that the power interruptions caused by a flameout event can be minimized by the use of an automatic-relite (auto-relite) ignition system which senses power or RPM loss, to energize the ignition exciter unit until power or RPM is restored, then de-energize the ignition exciter unit.

In 1981, the FAA issued an Airworthiness Directive (AD) against certain airplanes requiring installation of an auto-relite for flight into known icing conditions. Since that time, ten flameout reports were received on that model with only two occurring in-flight. The eight ground flameouts occurred when the auto-relite was disabled. Verification of the in-flight events revealed that the flameouts occurred because the auto-relite was not enabled when the ignition selector was improperly set. The auto-relite system on the airplane model evidently functioned adequately to restore power quickly after an ice-induced in-flight flameout. A subsequent bird ingestion event demonstrated the auto-relite effectiveness in other than ice ingestion events. Auto-relite is not presently required in another similar model. The latter model accrues approximately 21 percent less FAR 135 flight time than the former model. Seven in-flight flameout reports were received on the latter during the same period.

Considering the above facts, the FAA has concluded that: (1) The dual engine in-flight flameout is an unsafe condition; (2) Ice-induced dual-engine flameouts are probable; (3) No GTEC TPE-331 model engine can be excluded from the consequences of ice-induced flameout (except the TPE-331-14 which has auto-relite); (4) No model aircraft having a TPE-331 engine can be excluded from the probability of ice-induced flameout using fleet exposure times as

substantiation of reliability when an ice-induced flameout event has been reported; (5) Continuous ignition or auto-relite is effective in rapidly restoring power after an ice-induced flameout.

The FAA has determined there are approximately 446 airplanes affected by this AD. The cost of compliance with the AD is estimated at \$20.00 per airplane. This cost is so small that it will not have a significant economic impact on a substantial number of small entities.

Since the FAA has determined that the unsafe condition described herein is likely to exist or develop in other airplanes of the same type design, an AD is being issued requiring the use of continuous ignition or auto-relite in actual or potential icing conditions on Fairchild Aircraft Corporation Model SA 226 Series airplanes. Because an emergency condition exists that requires the immediate adoption of this regulation, it is found that notice and public procedure hereon are impractical and contrary to the public interest, and good cause exists for making this amendment effective in less than 30 days.

Although this action is in the form of a final rule which involves requirements affecting immediate flight safety and, thus, was not preceded by notice and public procedure, comments are invited on the rule. Interested persons are invited to comment on this rule by submitting such written data, views, or arguments as they may desire. Communications should identify the regulatory docket number and be submitted in duplicate to the address specified above. All communications received on or before the closing date for comments will be considered by the Director. This rule may be amended in light of comments received. Comments that provide a factual basis supporting the views and suggestions presented are particularly helpful in evaluating the effectiveness of the AD and determining whether additional rulemaking is needed. Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket, at the address given above. A report summarizing each FAA-public contact, concerned with the substance of this AD, will be filed in the Rules Docket.

The FAA has determined that this regulation is an emergency regulation that is not major under Section 8 of Executive Order 12291. It is impracticable for the agency to follow the procedures of Order 12291 with

respect to this rule since the rule must be issued immediately to correct an unsafe condition in aircraft. It has been further determined that this document involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). If this action is subsequently determined to involve a significant regulation, a final regulatory evaluation or analysis, as appropriate, will be prepared and placed in the regulatory docket (otherwise, an evaluation is not required). A copy of it, when filed, may be obtained by contacting the Rules Docket under the caption "ADDRESSES" at the location identified.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aviation safety, Aircraft, Safety.

#### Adoption of the Amendment

#### PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends Section 39.13 of Part 39 of the FAR as follows:

1. The authority citation for Part 39 continues to read as follows:

Authority: 49 U.S.C. 1354(a), 1421 and 1423; 49 U.S.C. 106(g) (Revised, Pub. L. 97-499, January 12, 1983); and 14 CFR 11.89.

2. By adding the following new AD:

**Fairchild Aircraft Corporation:** Applies to Fairchild Aircraft Corporation Models SA 226-T, SA 226-T(B), SA 226-AT, and SA 226-TC (all serial numbers) airplanes certificated in any category.

Compliance: Required within the next 50 hours time-in-service after the effective date of this AD, unless already accomplished.

To prevent engine flameout when in or departing an icing environment, accomplish the following:

(a) Revise the airplane Pilot's Operating Handbook and Airplane Flight Manual (POH/AFM) by inserting Appendix 1 of this AD in the "LIMITATIONS" section of the POH/AFM. Appendix 1 procedures supersede any other POH/AFM procedures which may be contradictory.

**Note.**—Automatic-relite ignition is a system which automatically energizes engine ignition without pilot action when engine RPM or torque decays below a specified level, and de-energizes engine ignition when RPM or torque exceeds the specified level. It is not synonymous with CONTINUOUS IGNITION.

(b) The requirements of paragraph (a) of this AD may be accomplished by the holder of a pilot certificate issued under Part 61 of the Federal Aviation Regulations on any airplane owned or operated by him. The person accomplishing these actions must



make the appropriate aircraft maintenance record entry as prescribed by FAR 91.173.

(c) Airplanes may be flown in accordance with FAR 21.197 to a location where this AD may be accomplished.

(d) An equivalent method of compliance with this AD, if used, must be approved by contacting the Manager, Airplane Certification Branch, ASW-150, Rotorcraft Certification Directorate, P.O. Box 1689, Fort Worth, Texas 76101; Telephone (817) 877-5150.

All persons affected by this directive may obtain copies of the document referred to herein upon request to GTEC, P.O. Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000; or Fairchild Aircraft Corporation, P.O. Box 32486, San Antonio, Texas 78284; Telephone (512) 824-9421; or FAA, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106.

This amendment becomes effective on December 15, 1986.

Issued in Kansas City, Missouri, on November 28, 1986.

Edwin S. Harris,

Director, Central Region.

#### Appendix 1—Supplement to the POH/AFM Fairchild Models SA 226-T, SA 226-T(B), SA 226-AT, and SA 226-TC Airplanes

"The IGNITION MODE switches shall be selected to AUTO/CONT during all operations in actual or potential icing conditions described herein:

(1) During takeoff and climb out in actual or potential icing conditions.

(2) When ice is visible on, or shedding from propeller(s), spinner(s), or leading edge(s).

(3) Before selecting ANTI-ICE, when ice has accumulated.

(4) Immediately, any time engine flameout occurs as a possible result of ice ingestion.

(5) During approach and landing while in or shortly following flight in actual or potential icing conditions.

\*Note.—If icing conditions are entered in flight without the engine anti-icing system having been selected, switch one ENGINE system to an ENGINE HEAT position. If the engine runs satisfactorily, switch the second ENGINE system to an ENGINE HEAT position and check that the second engine continues to run satisfactorily.

For the purpose of this supplement, the following definition applies:

Potential icing conditions in precipitation or visible moisture meteorological conditions:

(1) Begin when the OAT is +5°C (+41°F) or colder, and

(2) End when the OAT is +10°C (+50°F) or warmer."

The procedures and conditions described in this appendix supersede any other POH/AFM procedures and conditions which may be contradictory.

[FR Doc. 86-27413 Filed 12-5-86; 8:45 am]

BILL NG CODE 4910-13-M

#### 14 CFR Part 39

[Docket No. 86-CE-62-AD; Amdt. 39-5483]

#### Airworthiness Directives; Gulfstream Aerospace Corporation Models 690, 690A, 690B, 690C, 690D, 695, 695A, and 695B Airplanes

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule, request for comments.

**SUMMARY:** This amendment adopts a new Airworthiness Directive (AD), applicable to Gulfstream Aerospace Corporation Models 690, 690A, 690B, 690C, 690D, 695 695A, and 695B airplanes, herein referred to as "690 and 695" airplanes, which requires the use of continuous ignition during flight in meteorological conditions shown to result in flameout until such conditions no longer exist, or allows modification of the airplane with an FAA-approved automatic relite ignition system. The FAA has received numerous reports of single and dual-engine flameouts attributed to known or suspected ice ingestion on airplanes powered by Garrett TPE-331 engines. Four in-flight and two ground flameouts were reported on the Gulfstream Aerospace Models 690 and 695 airplanes. The requirements of this AD will prevent significant power interruptions and spool down due to inadvertent flameout by providing a source of ignition to reestablish combustion quickly once the ingested ice has passed through the engine and a proper fuel/air mixture is reestablished.

**DATES:** Effective December 15, 1986.

Comments for inclusion in the Rules Docket must be received on or before January 14, 1987.

Compliance: As prescribed within the body of the AD.

**ADDRESSES:** Garrett Turbine Engine Company (GTEC) Operating Information (OI) Letter 331-11 dated April 30, 1985, applicable to this AD may be obtained from GTEC, P.O. Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000; or the Gulfstream Aerospace Corporation, Wiley Post Airport, P.O. Box 22500, Oklahoma City, Oklahoma 73123; Telephone (405) 789-5000; or the Rules Docket at the address below. Send comments on the AD in duplicate to FAA, Central Region, Attention: Rules Docket, No. 86-CE-62-AD, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106. Comments may be inspected at this location between 8 a.m. and 4 p.m., Monday through Friday, holidays excepted.

#### FOR FURTHER INFORMATION CONTACT:

Mr. John P. Dow, Sr., FAA, Central Region, Project Support Section Foreign, ACE-109, 601 East 12th Street, Kansas City, Missouri 64106; Telephone (816) 374-6932.

#### SUPPLEMENTARY INFORMATION:

Numerous U.S. certificated airplanes, including the Gulfstream Aerospace (GAC) 690 and 695 airplanes, are powered by GTEC TPE-331 engines. The FAA has received reports of 53 single and dual-engine flameouts in the U.S. and overseas from operators of airplanes powered by these engines. All of these flameouts occurred during or after a known or suspected icing encounter and are attributed to ice ingestion causing an interruption of power and spool down of the engine. There were eleven reports of dual-engine flameouts, seven of those occurring in flight and four on the ground. In three of the seven in-flight reports, both engines flamed out during final approach and in two of the three reports, the airplane landed without engine power. The ice ingestion/flameout event apparently occurs because of ice buildup prior to use of anti-ice protection, not using or prematurely turning off ignition, or anti-ice system failure. In some cases, crew action was based upon the mistaken belief that airframe and engine installations were free of the ice hazard because of clear air conditions with no visible moisture and no substantial airframe ice accretion.

Four in-flight flameouts and two ground flameouts were reported on the GAC Models 690 and 695 airplanes. Analysis of these events, and coordination with the airframe and engine manufacturers has led to certain conclusions. The number of reports correlates very closely with exposure to an icing environment which is greatest for FAR 135 operators who fly approximately 2,000 hours per airplane per year, and in some regions, are routinely exposed to flight in an icing environment during the icing season on every flight at lower altitudes with no opportunity to deviate from the route or delay departures substantially. These FAR 135 operators are also required to submit service difficulty reports (SDRs). FAR 91 operators submit SDRs on a voluntary basis only, and from the record, at a lower rate than the FAR 135 operators. The greater exposure and required reporting are believed to account for the apparent but incorrect assumption of a high rate of flameouts of engines installed on certain commuter airplanes, and no potential problem with engines installed on other airplanes.



The engine manufacturer commented that, despite some differences in gas path parameters between various models of TPE-331 engines installed in these airplanes, none of the differences were believed to have a significant effect on ice ingestion capability margin. These facts have led the FAA to conclude that the potential for flameout due to icing exists in all GTEC TPE-331 engine installations, and no model variant appears more or less susceptible to flameout due to design features of the engine, or installation variances. It has been observed that while some models of airplanes have accrued substantial engine time with few flameouts, the data must be tempered by understanding that only a small fraction of the flight time, perhaps one hour per hundred, may be in an icing environment by FAR 91 operators. Also, for a twin engine airplane, the engine time is twice the flight time and the concern is dual engine flameouts per flight hour. These two considerations will thereby increase the apparent flameout per engine hour rate by an estimated factor of at least 200. While rate of occurrence is discussed, a singular event in the fleet is sufficient to initiate AD action.

From these facts, the FAA has observed that dual engine flameout is possible at altitudes and locations that would preclude a safe landing prior to ground contact. It is also possible that total loss of power in a icing environment will preclude the use of bleed-air powered surface de-icing equipment. Either of these conditions could result in a stall or stall/spin accident.

The GTEC has demonstrated that the power interruptions caused by a flameout event can be minimized by the use of an automatic-relite (auto-relite) ignition system which senses power or RPM loss, to energize the ignition exciter unit until power or RPM is restored, then de-energize the ignition exciter unit.

In 1981, the FAA issued an Airworthiness Directive (AD) against certain airplanes requiring installation of an auto-relite for flight into known icing conditions. Since that time, ten flameout reports were received on that model with only two occurring in-flight. The eight ground flameouts occurred when the auto-relite was disabled. Verification of the in-flight events revealed that the flameouts occurred because the auto-relite was not enabled when the ignition selector was improperly set. The auto-relite system on the airplane model evidently functioned adequately to restore power quickly after an ice-induced in-flight flameout. A subsequent bird ingestion

event demonstrated the auto-relite effectiveness in other than ice ingestion events. Auto-relite is not presently required in another similar model. The latter model accrues approximately 21 percent less FAR 135 flight time than the former model. Seven in-flight flameouts reports were received on the latter during the same period.

Considering the above facts, the FAA has concluded that: (1) The dual engine in-flight flameout is an unsafe condition; (2) Ice-induced dual-engine flameouts are probable; (3) No GTEC TPE-331 model engine can be excluded from the consequences of ice-induced flameout (except the TPE-331-14 which has auto-relite); (4) No model aircraft having a TPE-331 engine can be excluded from the probability of ice-induced flameout using fleet exposure time as substantiation of reliability when an ice-induced flameout event has been reported; (5) Continuous ignition or auto-relite is effective in rapidly restoring power after an ice-induced flameout.

The FAA has determined there are approximately 898 airplanes affected by this AD. The cost of compliance with the AD is estimated at \$6.45 per additional ignition hour per airplane. This increase in usage cost is so small that it will not have a significant economic impact on a substantial number of small entities.

Since the FAA has determined that the unsafe condition described herein is likely to exist or develop in other airplanes of the same type design, an AD is being issued requiring the use of continuous ignition when operating in actual or potential icing conditions on Gulfstream Aerospace Corporation Models 690 and 695 airplanes. Because an emergency condition exists that requires the immediate adoption of this regulation, it is found that notice and public procedure hereon are impractical and contrary to the public interest, and good cause exists for making this amendment effective in less than 30 days.

Although this action is in the form of a final rule which involves requirements affecting immediate flight safety and, thus, was not preceded by notice and public procedure, comments are invited on the rule. Interested persons are invited to comment on this rule by submitting such written data, views, or arguments as they may desire. Communications should identify the regulatory docket number and be submitted in duplicate to the address specified above. All communications received on or before the closing date for comments will be considered by the Director. This rule may be amended in light of comments received. Comments

that provide a factual basis supporting the views and suggestions presented are particularly helpful in evaluating the effectiveness of the AD and determining whether additional rulemaking is needed. Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket, at the address given above. A report summarizing each FAA-public contact, concerned with the substance of this AD, will be filed in the Rules Docket.

The FAA has determined that this regulation is an emergency regulation that is not major under section 8 of Executive Order 12291. It is impracticable for the agency to follow the procedures of Order 12291 with respect to this rule since the rule must be issued immediately to correct an unsafe condition in aircraft. It has been further determined that this document involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). If this action is subsequently determined to involve a significant regulation, a final regulatory evaluation or analysis, as appropriate, will be prepared and placed in the regulatory docket (otherwise, an evaluation is not required). A copy of it, when filed, may be obtained by contacting the Rules Docket under the caption "ADDRESSES" at the location identified.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aviation safety, Aircraft, Safety.

#### Adoption of the Amendment

#### PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends § 39.13 of Part 39 of the FAR as follows:

1. The authority citation for Part 39 continues to read as follows:

Authority: 49 U.S.C. 1354(a), 1421 and 1423; 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); and 14 CFR 11.89.

#### § 39.13 [Amended]

2. By adding the following new AD:

**Gulfstream Aerospace Corporation:** Applies to Models 690 and 695 (all serial numbers) airplanes certified in any category.

Compliance: Required within the next 50 hours time-in-service after the effective



date of this AD, unless already accomplished.

To prevent engine flameout when in or departing an icing environment, accomplish the following:

- (a) Revise the airplane Pilot's Operating Handbook and Airplane Flight Manual (POH/AFM) by inserting Appendix 1 of this AD in the "LIMITATIONS" section of the POH/AFM. Appendix 1 procedures supersede any other POH/AFM procedures which may be contradictory.
- (b) The requirements of paragraph (a) of this AD are no longer required when the airplane is modified by the addition of an FAA-approved automatic-relite ignition system.

**Note.**—Automatic-relite ignition is a system which automatically energizes engine ignition without pilot action when engine RPM or torque decays below a specified level, and de-energizes engine ignition when RPM or torque exceeds the specified level. It is not synonymous with CONTINUOUS IGNITION.

- (c) The requirements of paragraph (a) of this AD may be accomplished by the holder of a pilot certificate issued under Part 61 of the Federal Aviation Regulations on any airplane owned or operated by him. The person accomplishing these actions must make the appropriate aircraft maintenance record entry as prescribed by FAR 91.173.
- (d) Airplanes may be flown in accordance with FAR 21.197 to a location where this AD may be accomplished.
- (e) An equivalent method of compliance with this AD, if used, must be approved by contracting the Manager, Airplane Certification Branch, ASW-150, Rotorcraft Certification Directorate, 4400 Blue Mound Road, P.O. Box 1689, Fort Worth, Texas 76101; Telephone (817) 877-5150.

All persons affected by this directive may obtain copies of this document referred to herein upon request to GTEC, P.O. Box 5217, Phoenix, Arizona 85010; Telephone (602) 231-1000; or Gulfstream Aerospace Corporation, Wiley Post Airport, Oklahoma City, Oklahoma 73123; Telephone (405) 789-5000; or FAA, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106.

This amendment becomes effective on December 15, 1986.

Issued in Kansas City, Missouri, on November 28, 1986.

Edwin S. Harris,  
Director, Central Region.

Appendix 1—Supplement to the POH/AFM Gulfstream Aerospace Corporation Models 690, 690A, 690B, 690C, 690D, 695, 695A, and 695B Airplanes

Continuous ignition shall be assured by selecting Manual IGN or IGN Override or IGN OVRD on the ignition switch as appropriate during all operations in actual or potential icing conditions described herein:

(1) During takeoff and climb out in actual or potential icing conditions.

(2) When ice is visible on, or shedding from propeller(s), spinner(s), or leading edge(s).

(3) Before selecting ENG INLET, when ice has accumulated.

(4) Immediately, any time engine flameout occurs as a possible result of ice ingestion.

(5) During approach and landing while in or shortly following flight in actual or potential icing conditions.

**\*Note.**—If icing conditions are entered in flight without the engine anti-icing system having been selected, switch one ENGINE system to ENG INLET ON position. If the engine runs satisfactorily, switch the second ENGINE system to the ENG INLET ON position and check that the second engine continues to run satisfactorily.

#### Caution

Flight in actual or potential icing conditions will be limited by duty cycle of the ignition system. Ignition system time limits must be observed to prevent exceeding duty cycle times. Operator should verify these limits for his particular installation.

For the purpose of this supplement, the following definition applies:

"Potential icing conditions in precipitation or visible moisture meteorological conditions:

- (1) Begin when the OAT is +5° C (+41° F) or colder, and
- (2) End when the OAT is +10° C (+50° F) or warmer."

The procedures and conditions described in this appendix supersede any other POH/AFM procedures and conditions which may be contradictory.

[FR Doc. 86-27410 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-13-M

#### 14 CFR Part 71

[Airspace Docket No. 86-AWP-37]

#### Amendment to Honolulu, Hawaii, and Lihue, Hawaii, Control Zone and Transition Area Descriptions

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** The airport reference points (ARP) for Honolulu International Airport, Hawaii, and Lihue Airport, Hawaii, have changed. This action will amend the descriptions of the control zone and transition area for both airports and include the correct ARP.

**EFFECTIVE DATE:** 0901 UTC, February 12, 1987.

**FOR FURTHER INFORMATION CONTACT:** Frank T. Torikai, Airspace and Procedures Specialist, Airspace and Procedures Branch, AWP-530, Air Traffic Division, Western-Pacific Region, Federal Aviation Administration, 15000 Aviation Boulevard, Lawndale, California 90260; telephone (213) 297-1648.

#### The Rule

These amendments to Part 71 of the Federal Aviation Regulations correct the description of the control zone and transition area for Honolulu, Hawaii,

and Lihue, Hawaii. I find that notice and public procedure under 5 U.S.C. 553(b) are unnecessary because these actions are minor amendments in which the public would not be particularly interested. Sections 71.171 and 71.181 of Part 71 of the Federal Aviation Regulations were republished in Handbook 7400.6B dated January 2, 1986.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore—(1) is not a "major rule" under Executive Order 12291; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. Since this is a routine matter that will only affect air traffic procedures and air navigation, it is certified that this rule will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

#### List of Subjects in 14 CFR Part 71

Aviation safety, Control zones, Transition areas.

#### Adoption of the Amendment

#### PART 71—[AMENDED]

Accordingly, pursuant to the authority delegated to me, Part 71 of the Federal Aviation Regulations (14 CFR Part 71) as amended (50 FR 42008), (50 FR 49353) are further amended, as follows:

1. The authority citation for Part 71 continues to read as follows:

**Authority:** 49 U.S.C. 1348(a), 1354(a), 1510; Executive Order 10854; 49 U.S.C. 106(g) [Revised Pub. L. 97-449, January 12, 1983]; 14 CFR 11.69.

#### § 71.171 [Amended]

2. Section 71.171 is amended as follows:

#### Honolulu, HI—[Amended]

Remove "Honolulu International Airport (lat. 21°19'15" N., long. 157°55'45" W.)" and substitute "Honolulu International Airport (lat. 21°19'19" N., long. 157°55'31" W.)."

#### Lihue, HI—[Amended]

Remove "Lihue Airport (lat. 21°58'42" N., long. 159°20'40" W.)" and substitute "Lihue Airport (lat. 21°58'45" N., long. 159°20'29" W.)."

3. Section 71.181 is amended as follows:



**Honolulu International Airport, HI—  
[Amended]**

Remove "Honolulu International Airport (lat. 21°19'15" N., long. 157°55'45" W.)" and substitute "Honolulu International Airport (lat. 21°19'19" N., long. 157°55'31" W.)."

**Lihue, HI—[Amended]**

Remove "Lihue Airport (lat. 21°58'42" N., long. 159°20'40" W.)" and substitute "Lihue Airport (lat. 21°58'45" N., long. 159°20'29" W.)."

Issued in Los Angeles, California, on November 25, 1986.

Wayne C. Newcomb,

Manager, Air Traffic Division, Western-Pacific Region.

[FR Doc. 86-27415 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-13-M

**DEPARTMENT OF ENERGY****Federal Energy Regulatory  
Commission****18 CFR Parts 11, 13, and 375**

[Docket No. RM83-57-001; Order No. 453-A]

**Payments for Benefits From  
Headwater Improvements; Order  
Denying Rehearing**

Issued December 2, 1986.

**AGENCY:** Federal Energy Regulatory Commission.

**ACTION:** Final rule; order denying rehearing.

**SUMMARY:** On June 24, 1986, the Commission issued a final rule governing the payments that are required to be made by certain beneficiaries of upstream headwater projects, pursuant to section 10(f) of the Federal Power Act. The Commission received one request for rehearing on several issues. This order on rehearing denies rehearing on all issues raised.

**EFFECTIVE DATE:** December 2, 1986.

**FOR FURTHER INFORMATION CONTACT:**

Keith L. Moore, Federal Energy Regulatory Commission, Office of the General Counsel, 825 North Capitol Street, NE., Washington, DC 20426 (202) 375-8541.

Before Commissioners: Martha O. Hesse, Chairman; Anthony G. Sousa, Charles A. Trabandt, and C.M. Naeve.

**I. Introduction**

The Federal Energy Regulatory Commission (Commission) is denying rehearing of Order No. 453.<sup>1</sup> The

Commission issued Order No. 453, a final rule on payments for benefits from headwater improvements, on June 24, 1986. That order establishes a generic formula and procedures for determining and assessing headwater benefits payments. These are payments required by section 10(f) of the Federal Power Act (FPA)<sup>2</sup> to be made by certain downstream hydroelectric power projects that directly benefit from headwater projects. Upstream (headwater) projects can directly benefit downstream power projects chiefly by storing or releasing water from a headwater storage facility so as to make possible additional electric power generation at a downstream project.

One request for rehearing of Order No. 453 was filed on July 24, 1986, by the City of Santa Clara, California (City). For the reasons discussed below, the Commission denies this request for rehearing.

**II. Background**

On December 29, 1983, the Commission issued a Notice of Proposed Rulemaking (Notice) to amend 18 CFR 11.25-11.31 and 13.1,<sup>3</sup> which implement section 10(f) of the FPA, requiring payments for benefits from headwater improvements. Thirty-two commenters submitted comments in response to the Notice.

On June 24, 1986, the Commission issued a final rule governing the payments that are required to be made by certain beneficiaries of upstream headwater projects, pursuant to section 10(f) of the FPA.<sup>4</sup> Under section 10(f),<sup>5</sup>

<sup>2</sup> 16 U.S.C. 803(f) (1982).

<sup>3</sup> Notice of Proposed Rulemaking, Payments for Benefits from Headwater Improvements 49 FR 1067 (Jan. 9, 1984), IV FERC Statutes & Regulations ¶ 32,363, at 32,846.

<sup>4</sup> Payments for Benefits from Headwater Improvements, 51 FR 24,308 (July 3, 1986) (Order No. 453).

<sup>5</sup> Section 10(f) provides:

(f) That whenever any licensee hereunder is directly benefited by the construction work of another licensee, a permittee, or of the United States of a storage reservoir or other headwater improvement, the Commission shall require as a condition of the license that the licensee so benefited shall reimburse the owner of such reservoir or other improvements for such part of the annual charges for interest, maintenance, and depreciation thereon as the Commission may deem equitable. The proportion of such charges to be paid by any licensee shall be determined by the Commission. The licensees or permittees affected shall pay to the United States the cost of making such determination as fixed by the Commission. Whenever such reservoir or other improvement is constructed by the United States the Commission shall assess similar charges against any licensee directly benefited thereby, and any amount so assessed shall be paid into the Treasury of the United States, to be reserved and appropriated as a part of the special fund for headwater improvements as provided in section 17 hereof.

the Commission is required to divide among downstream projects the interest, maintenance and depreciation portion of the cost of facilities at the headwater project which result in increased power generation (the "headwater benefit") at the downstream projects. The headwater project costs to be recovered are referred to as the "section 10(f) costs."

The final rule codifies the "energy gains" method<sup>6</sup> of apportioning the headwater project's section 10(f) costs to each downstream project according to its share of the total extra power generation made possible by the headwater project.

The rule excludes from the energy gains methodology projects that are part of a coordination agreement under which the Commission has approved headwater benefits payments and projects for which headwater benefits payments have been established in a Commission-approved settlement. The rule waives headwater benefits payments for all projects with generating capacity of 1.5 megawatts or less. Projects which currently are being assessed headwater benefits charges under another method will be grandfathered under that method until changes occur in the river basin that affect headwater benefits.

The rule specifies procedures for assessing headwater benefits payments, including provisions for conducting investigations to determine the amount of headwater benefits, streamlined data filing requirements, procedures for the assessment and payment of interim and final charges, and procedures for raising objections to an assessment.

Generally, the rule is expected to maintain headwater benefits charges at the current, or a slightly lower, level.

The Commission received one request for rehearing filed by the City of Santa Clara, California (City). The request for rehearing raises several arguments. These are discussed below.

Whenever any power project not under license is benefited by the construction work of a licensee or permittee, the United States or any agency thereof, the Commission, after notice to the owner or owners of such unlicensed project, shall determine and fix a reasonable and equitable annual charge to be paid to the licensee or permittee on account of such benefits, or to the United States if it be the owner of such headwater improvement.

<sup>6</sup> "Energy gains" means the difference between the number of kilowatt-hours of energy produced at a downstream project with the headwater project and that which would be produced without the headwater project.

<sup>1</sup> Payments for Benefits from Headwater Improvements, 51 FR 24308 (July 3, 1986).



### III. Discussion

#### A. 85% Cap on Annual Headwater Benefits Charge

The final rule, at § 11.11(b)(5), allows a cap on an annual headwater benefits charge, by providing that no final charge may exceed 85% of the actual value of the energy gains. This cap makes allowance for the payment of costs of headwater benefits investigations. Section 10(f) requires reimbursement to the United States for the costs of determining headwater benefits charges.

The City directs three points to this issue. First, the City requests that the Commission provide a 100% of value cap for the combined cost of the headwater benefits charge and the investigation in addition to the 85% cap already provided for the headwater benefits charge alone.

As noted in the preamble to Order No. 453, it is likely that the section 10(f) costs collected through payments by downstream power beneficiaries are less than half of the actual value of benefits received. This is because downstream power beneficiaries pay only that portion of the interest, maintenance, and depreciation costs of the headwater project that are allocated to joint-use power costs and no part of the operation costs. Construction costs of most headwater projects were much less than comparable costs today. Most Federal projects were constructed with interest rates that are far below the present level.

The Notice had proposed a cap on headwater benefit payments at 100% of value of the benefits received. In the final rule, the cap was lowered to an 85% cap to allow for investigation costs. Inasmuch as most investigations cost less than 15% of the headwater benefit charge, and the charges are only a fraction of the value of the benefits, the allowance for costs of investigation appears quite reasonable.

The City states concern that in years where there are extensive investigations, the combined charge could exceed 100% of the value of the energy gains. The City, however, should understand that these investigation charges relate to the total period of the investigation—not just to the year or years when the investigation was conducted or concluded. Moreover, if an extensive investigation has been concluded to determine final headwater benefits charges for a sufficiently representative past period of years, the costs of investigations for subsequent years will be relatively minimal. This is because pursuant to § 11.17(b)(4)(ii) and (b)(5) of the final rule, the extensive investigation will result in the setting of

prospective final charges or, if prospective final charges cannot be set, will be used for the subsequent billing of final charges each year until prospective final charges are established. In either event, the extensive investigation will substantially reduce the costs of investigations for future years, in addition to applying to each of the past years of the period covered by the extensive investigation. At the same time, the 85% cap provided in the final rule will apply to each final charge assessed, even when there are no costs of investigation or such costs are relatively minimal. Thus, even if the cost of an extensive investigation combined with the final headwater benefit charge for the covered period should exceed 100% of the value of the benefits for that period, the investigation costs should properly be considered on a more "average" basis.

Other considerations also counsel against adoption of the change suggested by the City. Section 10(f), as noted above, requires reimbursement to the United States for the cost of determining headwater benefits charges. Adoption of the City's suggested change would conceivably result in a situation where the Commission could be unable to require reimbursement, under section 10(f), of the total investigation costs for some periods. Additionally, while, as made clear in the preamble to the final rule,<sup>7</sup> the Commission strives to keep the investigation costs as low as it can, the matter is not exclusively within the Commission's control. For example, if a party raises objections to a preliminary assessment, the investigation may need to be expanded, even though a more extensive investigation may seem unnecessary or unwarranted. Thus, adoption of the City's suggested change could serve in some instances as an incentive to unnecessary litigation.

Accordingly, the Commission declines to adopt the suggestion made by the City in its first point.

<sup>7</sup> Payments for Benefits from Headwater Improvements, 51 FR 24306 (July 3, 1986) at 24315 reads as follows:

"The cost is a factor that the Commission considers in determining the scope of the investigation. The scope of the investigation will be determined by the Commission based on such criteria as the amount and quality of historical data for the river basin and the stability of development of the basin. The scope will also be influenced by the Commission's objective to promote efficient use of Commission resources and to make the regulatory burden on affected parties commensurate with the nature of the river basin and the projects involved. Since the costs of investigations are paid by project owners, the Commission will balance their interest in limiting those costs with the Commission's responsibility to achieve, and the project owners' interest in, an accurate charge."

Its second point concerning the 85% cap relates to the time within which a party must demonstrate that the charge exceeds the cap. The City suggests an error in the language of § 11.11(b)(5), and asks that the language be changed to read "60 days of receipt of a final charge" instead of "the time specified in § 11.17(b)(3) for response to a preliminary assessment." \* The City is concerned that the language of the final rule might be read to mean that the 85% cap applies only where there has been a preliminary assessment.

Final charges, including prospective final charges, will always be preceded by a preliminary assessment, and therefore the party has the opportunity to show that the charges exceed the cap during the 60-day period following the preliminary assessment. The questioned language merely gives the time period, which is 60 days after issuance of a preliminary assessment, within which the party must make its showing with respect to the 85% cap. This opportunity to make the showing at the time of the preliminary assessment is adequate for the final charges determined, under § 11.17(b) (4) and (5), on the basis of that investigation and preliminary assessment. If conditions in the river basin change to warrant a new investigation, a new investigation will be conducted pursuant to § 11.15(d)(2) of the final rule. Therefore no change to the rule is needed. Additionally, adoption of the requested change would cause an unjustifiable delay in the disbursement of headwater benefits payments in that pursuant to § 11.20, annual charges must be paid within 30 days of rendition of a bill; yet, if the requested change were made, the payments of all final charges would need to be held for an additional 30-day period because of the changed language.

Finally, the City argues that the 85% cap should be clarified to apply to non-Federal as well as Federal upstream projects. It asks to do this by modifying § 11.11(b)(5) to add "or approved" after "assessed" <sup>8</sup> so that the provisions for

\* With City's revision, § 11.11(b)(5) would read (revised language italicized):

"If a party demonstrates within 60 days of receipt of a final charge, that any final charge assessed under this subpart, not including the cost of the investigation assessment under § 11.17(c), exceeds 85 percent of the value of the energy gains provided to the downstream project for the period for which the charge is assessed, the Commission will reduce the charge to not more than 85 percent of the value."

<sup>8</sup> As requested by City, the sentence in § 11.11(b)(5) would read (added language italicized): "No final charge assessed or approved by the Commission under this subpart may exceed 85 percent of the value of the energy gains."



the 85% cap would apply to settlements involving non-Federal upstream projects that are approved by the Commission.

Inasmuch as the requested change involves only settlements that are submitted to the Commission for approval, there is no good reason to make the change. By entering into the settlement that is submitted to the Commission, the non-Federal parties will have shown their agreement to the amount of the headwater benefits charge. If the non-Federal parties are able to reach agreement, as the Commission encourages and expects them to do, there is no need to modify the provision as requested.<sup>10</sup> The provision should remain as set out in the final rule to apply only to situations where the Commission assesses the headwater benefits charge.

#### B. Prospective Final Charges

Prospective final charges, as set out in § 11.17(b)(5) of the final rule, consist of an order issued to a downstream project owner which establishes a final charge for future years. This charge is only determined when the river basin demonstrates sufficient stability to project average energy gains and section 10(f) costs. The City argues that prospective final charges should be made available where the headwater project is non-Federal. As discussed above, the Commission has made its position clear that non-Federal headwater project owners and their downstream beneficiaries are expected to reach agreement among themselves. The Commission encourages agreements which would encompass the prospective final charges, but finds it inappropriate to dictate such a requirement for a settlement involving a non-Federal headwater project. The establishment of prospective final charges may not be possible, because conditions in the river basin affecting headwater benefits payments may not be sufficiently stable. If it should become necessary for the Commission to determine and assess charges for a project downstream of a non-federal headwater project, pursuant to § 11.15(a) of the final rule, then the Commission will proceed on a case-by-case basis<sup>11</sup> to determine whether prospective final charges can be established.

<sup>10</sup> Section 11.17(a) of the final rule states that "any billing procedures and payments determined between a non-Federal headwater project owner and a downstream project owner will occur according to the agreement of those parties."

<sup>11</sup> Cf. § 11.12(a) of the final rule, relating to determination of Section 10(f) costs for non-Federal projects.

#### C. Inapplicability of § 11.07 of the Rule to Charges for Headwater Benefits

Apparently misreading § 11.07 of the final rule, the City requests that the Commission eliminate § 11.7(sic) or revise it to state that headwater benefits charges are due only in years when energy gains are received, and not for years prior to operation of the project. Section 11.07 provides that "[a]ll annual charges imposed under this subpart will be computed beginning on the effective date of the license unless some other date is fixed in the license." However, the subpart referred to in § 11.07 is Subpart A, which covers charges for cost of administration, use of Tribal lands and other government lands, and use of government dams. Thus, § 11.07 by its terms does not apply to charges for headwater benefits, and there is no need for revision.

#### D. Offsetting of Headwater Benefits Charges Against Certain Section 10(e) Annual Charges

The City argues that the Commission should reconsider the final rule so as to offset headwater benefits charges against certain other charges imposed pursuant to section 10(e) of the FPA.<sup>12</sup>

As noted by the City, the Notice had proposed an offset of headwater benefits charges against government dam use charges. In the final rule, the Commission decided against such an offset.<sup>13</sup> The City's rehearing suggests that the reason for the Commission's decision was only that a different rulemaking had reduced the level of the government dam use charges so that there no longer was a need for the offset. That, however, is not the case. As the final rule made clear,<sup>14</sup> the principal reason for not providing an offset was the fact that the separate charges recognize the separate benefits received from two distinct investments of the taxpayers.

In its rehearing request, the City points to a pending rulemaking on annual charges for use of government lands.<sup>15</sup> The City claims that because of the "potential burdensome" effect of government land use annual charges that might be imposed in the pending rulemaking proceeding, the Commission

should reconsider and "reinstitute the offset of headwater benefits charges against § 10(e) charges."<sup>16</sup>

The City's request fails to recognize that headwater benefits charges required under section 10(f) and annual charges required under section 10(e) are for specifically separate purposes to reflect the different benefits a licensee's project may receive under the FPA. If a licensee's project uses government lands, it must pay a reasonable land use annual charge to recompense the United States for the use of the land by the project. If the same project generates additional power because of the headwater benefit provided by a Federal upstream project, headwater benefits charges apply to reflect the additional benefit provided by the Federal upstream project.

Accordingly, the final rule should not be modified as requested by the City.

#### E. Formula for Deriving Headwater Benefits Charges

The City believes that the formula, in § 11.11(b)(2) of the final rule, for deriving the headwater benefits charges to be paid by a downstream project is in error. The formula is used to apportion section 10(f) costs to derive the annual payment to be made for headwater benefits received by a downstream project (or group of projects if owned by a single entity). The City focuses on the situation where the headwater project itself does not produce electricity. The City attempts to take a provision from another section of the rule, § 11.13(b)(3), which relates to a different derivation,<sup>17</sup> and apply it to the variable "Ej" in the formula given in § 11.11(b)(2). However, the provision in § 11.13(b)(3) is limited by its terms to that section in which it appears. Further, the provision in § 11.13(b)(3) does not fit the definition of the variable "Ej" in the formula. It cannot be applied to the formula as the City attempts to do.

Additionally, the situation that the City attempts to address is covered by § 11.11(b)(3) of the final rule, which provides that if power generation is not a function of the headwater project, the

<sup>12</sup> 16 U.S.C. 803(e) (1982). In general, section 10(e) requires licensees to pay reasonable annual charges to reimburse the United States for the costs of administration of Part I of the FPA and to recompense the United States for the use of government lands, government dams or other structures, and Indian tribal lands.

<sup>13</sup> Payments for Benefits from Headwater Improvements, 51 FR 24308 at 24317 (July 3, 1986).

<sup>14</sup> *Id.*

<sup>15</sup> Revisions to the Billing Procedures For Annual Charges, 50 FR 211 (Jan. 3, 1986).

<sup>16</sup> It is unclear whether the City requests an offset against only land use charges and dam use charges or seeks an offset against all Section 10(e) annual charges, including those for reimbursement of the costs of administration of Part I of the FPA. In any event, the reasons for denying rehearing apply to an offset against any annual charges required by Section 10(e).

<sup>17</sup> Section 11.13(b)(3) provides:

"If no power is generated at the headwater project, the amount of energy attributable to the joint-use power cost under this section is the total of all downstream energy gains included in the headwater benefits formula."



Section 10(f) costs are apportioned only among the downstream projects.<sup>18</sup>

The formula in § 11.11(b)(2) is not in error, and there is no need for revision.

#### F. "Energy Gains" Definition

The City first asserts that the rule's definition of "energy gains"<sup>19</sup> contains an ambiguity in that because of the words "that which would be produced \* \* \*" it is unclear whether "energy gains" refers to the energy actually produced at the downstream project or that energy which reasonably could have been produced. A careful reading of the definition shows that the perceived ambiguity does not exist. The first part of the definition shows that "energy gains" refers to energy *produced* at a downstream project with the benefit of the headwater project. The language "that which would be produced," in the last part of the definition, clearly refers to the situation that would have obtained without the existence of the headwater project. It is clear from the definition in the final rule that "energy gains" refers to energy *produced* at the downstream project because of the benefit provided by the upstream project. No further clarification is needed.

The City goes on to raise another point. The City says that if one downstream owner is not able to generate, for example, because of problems with a generating unit, and thus does not have to pay headwater benefits charges for "energy gains" not realized, then under the final rule other downstream project owners realizing energy gains from the same headwater project would have their share of the Section 10(f) costs of the headwater project increased because of the "energy gains" not realized by the one downstream project owner.<sup>20</sup>

<sup>18</sup> As suggested by the City, at p. 10 of its rehearing request under § 11.11(b)(3) the variable "Ej" does become "zero" in 5 the scenario outlined by the City.

<sup>19</sup> Section § 11.10(c)(1) defines "energy gains" as follows:

(1) "Energy gains" means the difference between the number of kilowatt-hours of energy produced at a downstream project with the headwater project and that which would be produced without the headwater project.

<sup>20</sup> The City asserts from a policy standpoint, that in such circumstances the headwater project should simply have reimbursement for less of its section 10(f) costs, arguing that "headwaters benefits charges are gravy to the headwater project which is not dependent on these payments for its economics." The City seems to have overlooked the fact that the statute required payments of headwater benefits charges for the benefits realized by each downstream project, whether there be one or more such projects.

In practice, the operation of the rule is equitable because it treats each downstream project the same and considers headwater benefits on an "average" basis over a sufficiently representative period of years. Under the rule, if a project does not generate for a full year, for example, during the period of years being studied, no headwater charge would be made for that full year. To determine the average annual energy gains for a downstream project, the zero energy gains for the time the plant was down would be averaged with the energy gains for the time that it was operating. This is done for each downstream project, resulting in an equitable apportionment of Section 10(f) costs.

If prospective final charges have been established, the non-generating downstream user would pay the same annual charge whether or not the plant operated. It should be noted that outage rates for hydroelectric projects are relatively low because of their sturdy equipment and reliable operating characteristics. If after the establishment of a prospective final charge, a particular plant changes its operation so that significantly different magnitudes of energy gains are realized, the charges for the entire basin would be reviewed.

#### G. Use of Computer Model

The City voices concerns about the computer model used to determine energy gains at a downstream project that are provided by the upstream project. The City asserts that some provision should be made for verification of the model before it is used and that potential developers should be allowed access to the model to be able to predict possible liabilities for future headwater benefits charges.

The methodology for determining energy gains is not new. The Commission always used the same methodology to determine the amount of energy gains involved. As discussed in the final rule,<sup>21</sup> the Commission has in fact been using a computer model, the Headwater Benefits Energy Gains Model, to determine energy gains. The use of the computer model has resulted in significantly more precise determination of energy gains. The model was expanded and verified by Oak Ridge National Laboratory, under contract with the Commission in 1984. It is being continuously refined as it is used, and there is no indication of need for further verification.

<sup>21</sup> Payments for Benefits from Headwater Improvements, 51 FR 24,308 at 24,313 (July 3, 1986).

The Headwater Benefits Energy Gains (HWBEG) Model Description and Users Manual and a related report are available to anyone from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161. The availability of these documents was identified in the final rule.<sup>22</sup>

The City also requests that the rule should require the Commission either to run the HWBEG model upon request using hypothetical data supplied by a potential developer or that the model be made available to potential developers in personal computer-usable form. This change in the rule is not made, inasmuch as such service by the Commission would cumulatively be quite expensive, and would unjustifiably increase the costs of the Commission under Part I of the FPA. Under sections 10 (e) and (f) of the FPA, such costs must be reimbursed either as administrative charges paid by licensees pursuant to section 10(e) or cost of headwater benefits investigations reimbursed pursuant to section 10(f). Potential developers are of course free to obtain the model users manual and related report and use them for their own purposes.

The City, referring to § 11.13(a) of the final rule, also requests an explanation of what approach the Commission may take if it foregoes use of the computer model for determinations which are not complex or in which headwater benefits are expected to be small. When the Commission believes that it would be cost-efficient to use simplified procedures that do not involve the HWBEG Model, it will calculate energy gains using non-computer model approaches developed before the model was instituted. The approach selected will depend on circumstances related to the specific case involved and thus cannot be defined with any degree of precision. Factors such as the availability of data and magnitude of expected energy gains would be considered in selecting the approach. The opportunity to challenge resulting calculation of energy gains would of course be available during the period for response to the preliminary assessment. The energy gains calculated by non-computer model approaches would be used in the formula in the same way as energy gains calculated by the computer model to derive headwater benefits payments.

<sup>22</sup> *Id.* at n. 24.



### H. Daily Generation Data for Downstream Projects

The City argues that downstream project owners should be required under § 11.16(c)(3) to submit annual gross generation data instead of daily gross generation data. It sees no reason under the rule why daily gross generation data are necessary for downstream users.

Section 11.16(c)(3) should not be revised. Daily generation data from the downstream plant are needed in order to determine energy gains due to upstream regulation; annual generation data would not provide a sufficiently precise measure of energy gains. Annual generation data are adequate for the upstream plant, because such data are only needed for the apportionment of the relevant annual costs.

### I. Time for Payment of Headwater Benefits Charges

The City argues that the 30-day payment period for headwater benefits under § 11.20 be changed to 45 days. Changing of § 11.20 is not warranted. The 30-day payment period in the final rule is adequate. In practice, the magnitude and derivation of headwater benefits charges are generally known well in advance. Beneficiaries are notified of their obligation to pay headwater benefits charges when they receive the Commission's request for data, usually several years before the bill is submitted. They also know the approximate magnitude of the amount due at least 90 days prior to the date that payment is due. Beneficiaries are aware of the approximate magnitude of future annual charges because these charges are identified in the preliminary assessment at least a year before the bills are sent. Additionally, after issuance of a preliminary assessment of a final charge, parties may respond in writing within 60 days after the preliminary assessment.<sup>23</sup> The City's argument that a 45-day payment period is needed to afford entities a little more time to respond to bills that may be large and varying from year to year is unsubstantiated and weak.

### J. Section 10(f) Costs

The City asserts that there is a lack of explanation for the derivation of Section 10(f) costs where an upstream project does not generate electricity and that problems may exist with respect to this derivation. However, the derivation of Section 10(f) costs for such projects is explained within the rule and its preamble. The final rule incorporates the existing methodology for allocating

Federal headwater project costs so as to derive the Section 10(f) costs. The method, as described through the definition of terms used in § 11.12(b), is generally the separable cost/remaining benefits method. This allocation method has been widely used for many years by Federal water resource agencies in assigning costs and benefits to the various functions of a water resource project. It is a well-established method.<sup>24</sup> The final rule describes, at § 11.12(b)(2), the allocation of headwater project costs for headwater projects which do not themselves generate power but which benefit power production at downstream projects. If power is not an authorized function of the headwater project, then the Section 10(f) cost is the annual interest, maintenance and depreciation portion of the headwater project costs designated as the joint-use power costs. This joint use power cost is derived by deeming a power function at the headwater project. The value of the benefits assigned to the deemed power function, for purposes of determining the joint-use power cost, is to total value of downstream energy gains.

The City also questions the clarity of the definition in § 11.12(b)(3) pertaining to the total value of downstream energy gains. Section 11.12(b)(3) clearly defines the total value of downstream energy gains as the lesser of:

- (i) The cost of generating an equivalent amount of electricity at the most likely alternative facility at the time the headwater project became operational; or
- (ii) The incremental cost of installing electrical generation at the headwater project at the time the project became operational.

Thus value is determined on the basis of alternative cost of providing the benefit, on the same basis, in time or dollars as, the valuation of the headwater project's authorized purposes, a well-recognized concept. Contrary to the City's suggestion, § 11.12(b)(3)(ii) is intended to refer to the incremental cost of installing electrical generation at the headwater project, not merely the cost of designing for such generation. The cost of design would not be the true alternative cost of providing the benefit.

Where power is not an authorized function of the Federal headwater project, the Commission will continue its practice of allocating a portion of the costs of such headwater projects to a power function, on the basis of downstream energy gains, and

apportioning that cost to downstream projects to account for the energy benefits they receive. The Commission believes that such allocation is appropriate in order to recoup the Section 10(f) costs. Whether or not the headwater project has power generation has no bearing on the fact that downstream projects may obtain benefits from the headwater project and on the statutory requirement to pay an equitable share of the headwater project costs.

### K. Reporting of Investment Costs

The City asks for clarification of § 11.16(b)(9) requiring the reporting of investment costs.<sup>25</sup> The City states that there is an implication that investment costs may vary over time. This is true. Investment costs may vary over time, and do not solely relate to costs incurred during original construction of the project. One example of this would be additions of project features. The costs are construction costs which would increase total investment costs, and thus reporting of such costs is necessary.

### IV. Conclusion

For the reasons discussed above, the Commission denies the City's request for rehearing of Order No. 453.

By the Commission  
Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27446 Filed 12-5-86; 8:45 am]  
BILLING CODE 6717-01-M

### 18 CFR Part 271

#### High-Cost Gas Produced From Tight Formations, West Virginia; Final Rule

[Docket No. RM79-76-233; West Virginia—5; Order No. 457]

Issued December 2, 1986.

AGENCY: Federal Energy Regulatory Commission.

ACTION: Final rule.

SUMMARY: The Federal Energy Regulatory Commission is authorized by section 107(c)(5) of the Natural Gas Policy Act of 1978 to designate certain

<sup>23</sup> The City suggests that perhaps "§ 11.16(b)(9) intends to say that the § 10(f) costs (which may vary from year to year, because they include operation)" should be reported as of the close of the year or fiscal year, categorized as to whether they are attributable to joint-use or specific cost facilities. Contrary to this suggestion, § 11.16(b)(9) is intended to refer to investment costs. Moreover, Section 10(f) costs, as defined in § 11.10(c)(9) of the rule, consistent with the requirements of section 10(f) of the FPA, do not include operation costs.

<sup>24</sup> Payments for Benefits from Headwater Improvements, 51 FR 24,308 at 24,320 (July 3, 1986).

<sup>25</sup> 18 CFR 11.17(3) (1986).



types of natural gas as high-cost gas where the Commission determines that the gas is produced under conditions which present extraordinary risks or costs. Under section 107(c)(5), the Commission issued a final regulation designating natural gas produced from tight formations as high-cost gas which may receive an incentive price. This rule established procedures for jurisdictional agencies to submit to the Commission recommendations of areas for designation as tight formations. Here the Federal Energy Regulatory Commission adopts the recommendation, as amended, of the West Virginia Department of Energy, Division of Oil and Gas, that the Maxton, Little Lime, Blue Monday, Big Lime, Keener, Big Injun, and Squaw zones underlying portions of Braxton and Clay Counties, West Virginia be designated as a tight formation pursuant to 18 CFR 271.703(d).

**EFFECTIVE DATE:** This rule is effective January 2, 1987.

**FOR FURTHER INFORMATION CONTACT:** Douglas J. Law, (202 357-5447 or Walter W. Lawson, (202) 357-8556.

**SUPPLEMENTARY INFORMATION:**

Before Commissioners: Martha O. Hesse, Chairman; Anthony G. Sousa, Charles A. Trabandt and C.M. Naeve.

**Final Rule**

On July 24, 1984, as amended and supplemented on November 21, 1985, and March 3, 1986, the West Virginia Department of Energy, Division of Oil and Gas (West Virginia) submitted a recommendation to the Commission that the Maxton, Little Lime, and Blue Monday zones of the Mauch Chunk Group; and the Big Lime and Keener zones of the Greenbrier Group; and the Big Injun and Squaw zones of the Pocono Group, all of Mississippian age and located in certain areas of Braxton and Clay Counties, West Virginia, be designated as a tight formation. A notice of proposed rulemaking incorporating this recommendation was published in the Federal Register on September 19, 1984.<sup>1</sup> On November 21, 1985, and March 3, 1986, West Virginia submitted additional information for each zone covered by the recommendation. West Virginia's November 21, 1985 submittal revised the geographical area recommended for each zone. West Virginia's recommendation, as amended, excludes the Big Injun and Squaw zones in Clay County and reduces the recommended areas in each of the remaining zones. A notice of proposed rulemaking for West Virginia's amended recommendation was published in the

Federal Register on June 19, 1986.<sup>2</sup> No comments concerning the amended recommendation have been received.

The zones recommended by West Virginia represent progressively older sands contained in the Mississippian age geological system in West Virginia. The uppermost stratigraphic sand in the recommended listing, the Maxton zone, underlies the Salt Sands zone of the Pottsville Group of Pennsylvanian age rock. The average depth to the top of the recommended zones ranges from 1,550 feet for the Maxton zone to 2,025 feet for the Squaw zone. The thickness of the interval which contains all of the recommended zones is approximately 515 feet.

The evidence submitted by West Virginia is based upon data compiled by the West Virginia Tight Formation Committee and presented at public hearings in West Virginia on June 12, 1984 and October 11, 1985. Evidence submitted in connection with West Virginia's amended recommendation supports the following conclusions.

(1) Although permeability data is available for only 28 cored wells, correlation between log-calculated porosity values and permeability values allows the determination that all wells within the recommended area are expected to have a permeability value less than 0.1 millidarcy;

(2) The average depth to the top of the Maxton, Little Lime, Blue Monday, Big Lime, Keener, and Big Injun zones is between 1,500 feet and 2,000 feet; the corresponding production rate limit, as set out in § 271.703(c)(2)(i)(B) of the Commission's regulations, is 59 Mcf per day. The average depth to the top of the Squaw zone is below 2,000 feet; the corresponding production limit is 68 Mcf per day. Flows of natural gas from the producing wells located in the qualifying areas of each county are considerably less than the maximum allowable rate;

(3) No well drilled within the recommended area is expected to naturally produce more than five barrels of oil per day.

West Virginia states that existing state and federal regulations assure that development of each zone covered by this recommendation will not adversely affect any fresh water aquifers that are, or are expected to be, used as a domestic or agricultural water supply.

Based on the record, the Commission finds that the zones described and delineated in West Virginia's amended recommendation meet the Commission's tight formation guidelines set forth in § 271.703(c)(2)(i) of the Commission's regulations. West Virginia's amended recommendation is therefore adopted.

**List of Subjects in 18 CFR Part 271**

Natural gas, Incentive price, Tight Formations.

In consideration of the foregoing, Part 271, Subchapter H, Chapter I, Title 18, Code of Federal Regulations, is amended as set forth below.

By the Commission.  
Kenneth F. Plumb,  
Secretary.

**PART 271—[AMENDED]**

Part 271 is amended as follows:

1. The authority citation for Part 271 continues to read as follows:

Authority: Department of Energy Organization Act, 42 U.S.C. 7101 *et seq.*; Natural Gas Policy Act of 1978, 15 U.S.C. 3301-3432; Administrative Procedure Act, 5 U.S.C. 553.

2. Section 271.703 is amended by adding paragraph (d)(198) to read as follows:

**§ 271.703 Tight formations.**

\* \* \* \* \*

(d) *Designated tight formations.* \* \* \*

(198) The Maxton, Little Lime, and Blue Monday zones of the Mauch Chunk Group; the Big Lime and Keener zones of the Greenbrier Group; and the Big Injun and Squaw zones of the Pocono Group underlying portions of Braxton and Clay Counties, West Virginia. RM79-76-233 (West Virginia—5)

(i) *Delineation of formation.* The Maxton zone underlies the Salt Sands zone of the Pottsville Group of Pennsylvania age and overlies the Little Lime zone of the Mauch Chunk Group. The Little Lime zone underlies the Maxton zone and overlies the Blue Monday zone of the Mauch Chunk Group. The Blue Monday zone underlies the Little Lime zone and overlies the Big Lime zone of the Greenbrier Group. The Big Lime zone underlies the Blue Monday zone and overlies the Keener zone of the Greenbrier Group. The Keener zone underlies the Big Lime zone and overlies the Big Injun zone of the Pocono Group. The Big Injun zone underlies the Keener zone and overlies the Squaw zone of the Pocono Group. The Squaw zone underlies the Big Injun zone and overlies the Weir zone of the Pocono Group.

(ii) *Depth.* The average depth to the top of each of the zones is as follows: Maxton, 1,550 feet; Little Lime, 1,650 feet; Blue Monday, 1,685 feet; Big Lime, 1,735 feet; Keener, 1,845 feet; Big Injun, 1,865 feet; and Squaw, 2,025 feet.

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BILLING CODE 6717-01-M

<sup>1</sup> 49 FR 36655 (1984).

<sup>2</sup> 51 FR 22304 (1986).



DEPARTMENT OF HEALTH AND  
HUMAN SERVICES

## Food and Drug Administration

## 21 CFR Part 558

Animal Drugs, Feeds, and Related  
Products; Change of Sponsor

AGENCY: Food and Drug Administration.

ACTION: Final rule.

**SUMMARY:** The Food and Drug Administration (FDA) is amending the animal drug regulations to reflect a change of sponsor for several new animal drug applications (NADA's) from Hess & Clark, Inc., to Rhone-Poulenc, Inc.

EFFECTIVE DATE: December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** David L. Gordon, Center for Veterinary Medicine (HFV-238), Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857, 301-443-6243.

**SUPPLEMENTARY INFORMATION:** Hess & Clark, Inc., Seventh and Orange Streets, Ashland, OH 44805, has informed FDA of a change of sponsor for several NADA's to Rhone-Poulenc, Inc., P.O. Box 125, Black Horse Lane, Monmouth Junction, NJ 08852. The NADA's involved are:

| NADA        | Product                                                   |
|-------------|-----------------------------------------------------------|
| 40-435..... | Decoquinat and Roxarsone Broiler/Fryer Premix             |
| 45-348..... | Decoquinat and Bacitracin Zinc Broiler Premix             |
| 45-444..... | Decoquinat and Chlortetracycline Broiler Premix           |
| 47-262..... | Decoquinat and Lincomycin Broiler Premix                  |
| 91-326..... | Decoquinat, Bacitracin Zinc, and Roxarsone Broiler Premix |
| 92-953..... | Roxarsone Chicken and Turkey Premix                       |

This sponsor change does not involve any changes in manufacturing facilities, equipment, procedures, or production personnel. The NADA's providing for use of these premixes are amended to reflect the new sponsor. Only the approval of NADA 91-326 is reflected in § 558.530(a)(1) (21 CFR 558.530(a)(1)). That regulation is amended to reflect the new sponsor.

## List of Subjects in 21 CFR Part 558

Animal drugs, Animal feeds.

PART 558—NEW ANIMAL DRUGS FOR  
USE IN ANIMAL FEEDS

1. The authority citation for 21 CFR Part 558 continues to read as follows:

Authority: Sec. 512, 82 Stat. 343-351 (21 U.S.C. 360b); 21 CFR 5.10 and 5.83.

## § 558.530 [Amended]

2. Section 558.530 *Roxarsone* is amended in paragraph (a)(1) by changing "011801" to read "011526."

Dated: November 28, 1986.

Marvin A. Norcross,

Associate Director for New Animal Drug Evaluation.

[FR Doc. 86-27524 Filed 12-5-86; 8:45 am]

BILLING CODE 4160-01-M

DEPARTMENT OF HOUSING AND  
URBAN DEVELOPMENTOffice of the Assistant Secretary for  
Public and Indian Housing

## 24 CFR Parts 964 and 968

[Docket No. R-86-1265; FR-2033]

Tenant Participation and Management  
in Public Housing Projects; Eligibility  
for Comprehensive Improvement  
Assistance Program FundsAGENCY: Assistant Secretary for Public  
and Indian Housing, HUD.

ACTION: Final rule.

**SUMMARY:** This rule makes final the proposed rule which proposed to codify the Department's policy of encouraging public housing agencies to foster tenant participation and to contract with tenant management corporations to perform appropriate functions in the management of public housing. In addition, the Department is amending its regulations on the Comprehensive Improvement Assistant Program (CIAP) to make clear that the cost of providing technical assistance to tenant management corporations is a management improvement eligible for CIAP funding. This final rule is intended to encourage the use of tenant management where it offers the potential to improve the operation of public housing and to benefit tenants. Improved management can result in cost savings to the public housing agencies and the Department and can improve significantly the quality of life for those residing in public housing.

**EFFECTIVE DATE:** Under section 7(o)(3) of the Department of Housing and Urban Development Act (42 U.S.C. 3535(o)(3)), this final rule cannot become effective until after the first period of 30 calendar days of continuous session of Congress which occurs after the date of the rule's publication. HUD will publish a notice of the effective date of this rule following expiration of the 30-session-day waiting period. Whether or not the statutory waiting period has expired, this rule will *not* become effective until

HUD's separate notice is published announcing a specific effective date.

## FOR FURTHER INFORMATION CONTACT:

Janice D. Rattley, Project Management Division, Office of Public and Indian Housing, Room 4122, Department of Housing and Urban Development, 451 Seventh Street, S.W., Washington, D.C. 20410-5000; telephone (202) 755-1800 (This is not a toll-free number.)

## SUPPLEMENTARY INFORMATION:

## Background

The United States Housing Act of 1937 (42 U.S.C. 1437) (the Act) authorizes the Department to assist public housing agencies (PHAs) in the development and operation of lower income public housing in the United States. Section 6(c)(4)(C) of the Act also authorizes the Secretary of the Department to prescribe regulations to promote sound management practices, including:

The establishment of effective tenant management relationships designed to assure that satisfactory standards of tenant security and project maintenance are formulated and that the public housing agency (together with tenant councils where they exist) enforces those standards fully and effectively.

Section 3(c)(2) of the Act authorizes funding for tenant organizations involved in the management of public housing projects, by including in the definition of "operation", "the financing of tenant programs and services for families residing in lower income housing projects, particularly where there is maximum feasible participation of the tenants in the development and operation of such tenant programs and services." "Tenant programs and services" are defined to include "the development and maintenance of tenant organizations which participate in the management of lower income projects, the training of tenants to manage and operate such projects and the utilization of their services in project management and operation." (The Department makes annual contributions to PHAs for the operation of public housing projects under section 9 of the Act.)

Section 14 of the Act provides that one purpose of the Comprehensive Improvement Assistance Program (CIAP) is to upgrade the management and operation of existing public housing projects, to assure that they continue to be available to serve lower income families. The costs of implementing management improvements through tenant management are eligible for funding as part of comprehensive modernization under CIAP.

The Department believes that PHAs should encourage constructive



participation by residents of public housing projects in decisions affecting the operation of their projects. Each PHA must determine for itself the appropriate level of tenant participation, but the Department advocates cooperation between a PHA and its tenants to the maximum extent practicable. The Department believes that good PHA-tenant relationships are essential to the success of local public housing programs, and that the PHA as well as the residents will benefit from constructive participation by residents. Therefore, on January 9, 1986, at 51 FR 979, the Department published a proposed rule to add a new Part 964, setting forth the Department's strong support for the establishment of effective tenant-PHA relationships that contribute to efficient and economical project operations and satisfy tenant needs.

The proposed rule set forth guidelines, policies, and requirements designed to encourage tenant participation through PHA recognition of tenant organizations, the development of an ongoing process of consultation between tenants and the PHA, and, where mutually desired, PHA contracts with tenant management corporations to provide tenant services or to perform project management functions. The rule also proposed to amend the existing Comprehensive Improvement Assistance Program regulations in Part 968, to make clear that CIAP funding is available to provide technical assistance for tenant management corporations participating in the management of public housing projects.

The Department has excluded Indian housing from the final rule. The Department believes that it is preferable to consider tenant participation and tenant management issues, as they relate to Indians, in the context of the comprehensive Indian housing regulation currently under development. The Department wishes to stress, however, that the absence of Indians from the final rule in no way precludes Indians from forming tenant management corporations, or otherwise participating (with the consent of their IHAs) in the management of their projects. Indeed, as noted earlier, the Department strongly favors tenant participation in the management of assisted projects, even in the absence of a specific rulemaking.

#### Public Comments and Responses

The Department received 73 public comments, plus comments from two field offices. The public comments were primarily from PHAs; however, comments were also received from four

legal assistance agencies, one management company, and one national tenants' organization. Although the number of public comments seems substantial, it should be noted that 39 of the comments were received from PHAs in the same area, raising the same technical question regarding violation of State codes of ethics. (This is discussed further below.) Also, the majority of the public comments seem to be based on a misconception about the intent of this rule. The Department wishes to stress that this rule does *not* mandate tenant participation of management, but leaves it up to the tenants and PHAs to decide whether they want to undertake these efforts at all, and, if they do, what the scope and methods of their participation will be.

Public comments are set out below, with the Department's response following each comment.

#### *Why should there be a written policy on tenant participation or tenant management?*

The Administrative Procedure Act encourages Federal agencies to subject policies that substantially affect the rights or obligations of those regulated or benefited to notice and comment procedures through rulemaking or other means. HUD's policy, as expressed in 24 CFR Part 10, is to provide for public participation in rulemaking with respect to all HUD programs and functions. The purpose of this rule, after consideration of the public comments received on the proposed rule, is to provide a definitive regulatory statement of HUD's policy of encouraging the use of tenant management where it offers the potential to improve the operation of public housing and to benefit tenants. This rule is consistent with the policy that has been reflected in various HUD issuances and practices for many years, and the Department believes that a regulatory statement is needed to give emphasis to this important aspect of good housing management.

#### *Tenants' recommendations should be advisory only.*

As expressly stated in the definition of "tenant participation" in § 964.7, this is the policy that is intended, and reflects a long-standing HUD position on tenant participation. There is nothing in the rule that indicates that tenant recommendations are to be anything but advisory.

*Tenant management arrangements would be a definite conflict of interest. There is real potential for wrongdoing where a tenant acts in the capacity of a landlord setting policies affecting rent and property management. This situation would invite favoritism, cronyism, and other abuses of the position, especially where family members, relatives, and close friends reside in PHA units. Also, such arrangements would violate certain State codes of ethics which state that public officials must be independent and impartial (e.g., Louisiana).*

It is true that tenant management arrangements—like most contractual arrangements—hold the possibility of conflict of interest, wrong-doing, and abuse. It should be noted, however, that PHAs have discretion as to whether to enter into such arrangements, and if they do, they have broad discretion to tailor the extent and nature of the arrangements to guard against these types of problems. In addition, § 964.29(c) requires management contracts between PHAs and tenant management corporations to meet a number of requirements, including requirements that:

a. Tenant management activities and expenditures be consistent with the requirements of applicable Federal, State, and local law and regulations; the ACC between HUD and the PHA; and PHA's policies, including requirements pertaining to employee fidelity bonds, access to project books and records, accounting, and audit.

b. Tenant management corporations submit for PHA approval an annual budget or cost estimate covering activities in its contract with the PHA, identifying those activities and estimated costs associated with activities.

c. The PHA review at least once a year, the corporation's performance to ensure that it complies with applicable performance requirements.

d. The PHA has the right to take all necessary actions to remedy any breach of a contract by the tenant management corporation.

The Department believes that these provisions are adequate to ensure that tenant management arrangements are established, operated, and monitored in accordance with all applicable State, local, and Federal requirements.

Finally, the Department does not expect that tenant management arrangements will violate State codes of ethics regarding public officials, since the arrangements are contractual and the tenant managers act as the PHA's



contractors, not as public officials. It should be noted that there are already two tenant-managed projects in New Orleans, Louisiana, that do not appear to be in violation of the Louisiana State Code of Ethics.

*The Department does not have sufficient information to state in the preamble that a tenant management arrangement "can result in significant economic and social benefits, such as reducing the cost of operating public housing, reducing vandalism, and increasing the stake residents have in their housing" and that "tenant management can increase rent collections and lower vacancy rates". The Department should not encourage tenant management until conclusive evidence is gathered.*

The benefits of tenants management have been discussed at various public meetings and conferences sponsored by HUD and non-governmental organizations, including a national teleconference on tenant management in 1985. A 1979 evaluation of tenant management indicated some positive results. The fact that tenant management has been underway in some projects for more than 10 years is a clear indication that it can provide economic and social benefits. For example, a recent Coopers and Lybrand study of the Kenilworth-Parkside development in Washington, DC found substantial improvements in rent collections and vacancies. Although tenant management may not be workable everywhere, the Department believes that the potential that has been demonstrated by existing groups is noteworthy and deserves support.

*In this connection, if the Department believes that tenant management is so capable of reducing the cost of operating public housing, the Department should contract directly with tenant organizations and remove the PHA from the position of "scapegoat".*

The relationship between HUD and the PHA is contractual and governed by an Annual Contributions Contract, which specifies the responsibilities of each with respect to project operation. It is not HUD's role to decide whether tenant management is desirable at the local level. Moreover, it would not be legally permissible for the Department to contract directly with tenant organizations for these responsibilities, since the 1937 Act permits payment of annual contributions, including operating subsidy, only to PHAs under

the provisions of an annual contributions contract.

*The form and extent of tenant participation and tenant management should be through local decisions made by PHAs and their tenants. The rule would be contrary to this Administration's objective of leaving decisions up to local governments. The rule would remove local control and would be an unnecessary intrusion into local relationships. Tenant participation cannot be mandated but must evolve from nurturing in order to be effective. The preamble purports to "encourage" tenant involvement, but the rule uses terms which suggest it to be mandatory (i.e., "shall" vs. "may"). Section 2 of the U.S. Housing Act of 1937 states that the policy of the United States is to vest in local PHAs the maximum amount of responsibility in the administration of their programs.*

The rule provides that the form and extent of tenant participation and tenant management are to be determined through local decisions made by PHAs after consultation with their tenants. This reflects long-established HUD policy on tenant participation as reflected in the 1937 Act and various HUD directives over the years. Although § 964.17 requires PHAs to consult with their tenants, the form and extent of the participation, based on that consultation, is at the discretion of the PHA. The Department sees no conflict with Administration policy or with section 2 of the 1937 Act. PHAs retain full responsibility for program administration.

*The proposed rule would be difficult and costly for small and medium sized PHAs because of limited staff. Financial support of PHAs by HUD is not stable or reliable enough for PHAs to take on additional contractual relationships. Tenant management corporations would have to be compensated for their time and would have to be trained. In some areas (e.g., Alaska), they would have to be trained a year in advance because many of the people are fishermen and are gone for several months at a time. To increase tenant management in the day-to-day workings of an already functioning and dedicated management staff would cause additional burdens on an already overworked staff. In addition to leasing more office space, PHAs would have to employ additional staff and hire extra legal help to help*

*establish the new management. The Federal government should allocate funds for forming tenant organizations and tenant management corporations. CIAP funds are scarce and uncertain and should be spent on physical needs and management improvements which are demonstrably cost-effective. Also, there would be need for funds from private agencies to encourage tenant organizations to remain operable after dissolution of CIAP programs.*

The decision whether to contract with a tenant management corporation is solely at the discretion of the PHA. Tenant management will not be appropriate in all circumstances. A PHA considering tenant management must assess its ability to provide the necessary support to a tenant management corporation. CIAP management improvement funds may be used for initial technical assistance and training for a tenant management corporation if the PHA wishes to do so; however, it is expected that the ongoing housing management operations for projects managed by tenant management corporations will be sustained out of regular operating funds.

PHAs and tenant management corporations may seek additional funding from other sources to undertake additional activities. Some PHAs and tenant groups have obtained funding from other sources in their communities: e.g., private foundations.

*Who will monitor the "savings" (i.e., reduced utility consumption and increased rent collection)?*

This is the responsibility of the PHA. Some tenant-managed projects can be monitored individually by the PHA because income and expenditures related to the project can be isolated.

*A PHA could lose funds for normal operation if funds go to the tenant management corporation. Tenant management corporation contract incentives would be additional drains on operating incomes unless PHA employees are fired as the tenant management corporation takes over functions.*

A PHA should carefully review the impact of tenant management on its overall operations before deciding to undertake it. If contracting with a tenant management corporation or other management efficiencies mean that fewer PHA employees are required, the savings in staff cost can be accomplished through careful planning



and attrition. In any case, duplicative staffing costs should be avoided and the interests of existing PHA employees taken into account. With respect to contract incentives, it should be noted that § 964.33(b) makes clear that these arrangements are discretionary with the PHA.

*This is just another effort to undermine the current public housing program and ultimately dispose of it. HUD is trying to get out of the public housing business and trying to thrust substandard housing on the poor. If tenant management corporations accept responsibility for management of developments already in disrepair without access to adequate funding sources, they will be relieving the Federal government of its responsibility to provide decent, safe, and sanitary shelter to the poor and working poor.*

This comment reflects a misconception of the intent and effect of the rule. HUD does not intend to reduce its commitment to public housing. Tenant participation in management is not mandatory, but its encouraged where PHAs, after consultation with tenants, determine that such arrangements would be beneficial to tenants, management, and the project. The Annual Contributions Contract between HUD and the PHA is still in force, and HUD will continue to meet its obligations under that contract. Before undertaking tenant management, PHAs and tenant management corporations should consider the physical condition of the project and the availability of CIAP funding to correct deficiencies as factors in determining the project's suitability for tenant management.

*It is inconceivable that funding is being considered to encourage tenant management while funding is being cut to subsidize utility bills, insurance, etc. With so many programs being deferred or cut, the Department should be concerned with seeing this program [public housing] continued.*

Contracting with a tenant management corporation for tenant management is only one of a number of possible alternative approaches to management. No additional CIAP funds are currently proposed to be made available for management improvements to train tenant management. It is the PHA's decision as to whether to utilize CIAP management improvement funds provided to train tenants to undertake management functions. Finally, as noted several times earlier, tenant management contracts are left to PHA discretion.

*The rule confuses the relationship between the landlord and the tenant. The line of responsibility should be maintained as it is established already; i.e., the landlord is responsible for maintaining the premises, collecting rent, etc. If these responsibilities are delegated to a tenant management corporation, the PHA is still liable for any failure on the part of the tenant management corporation. Forming tenant management corporations is not the answer to real or perceived management problems. Tenant management corporations would form only another layer of bureaucracy that tenants must deal with and for which HUD would hold the PHA responsible.*

It is correct that the PHA is still ultimately responsible for management under the terms of the ACC. The rule does not anticipate the delegation of that function but rather, in appropriate circumstances, the performance of management functions in keeping with a contract between the PHA and the tenant management corporation. A number of PHAs have successfully contracted with private management firms. Tenant management is not intended to be any different in this respect than other forms of non-PHA management. If the tenant management corporation fails to perform under the contract with the PHA, after an attempt has been made to take corrective actions, the PHA should take steps to terminate its contract with the tenant management corporation.

*Tenants would not make good managers for the following reasons:*

*—They and their interests are too transitory; therefore, it would be hard to establish a permanent organization (and would be a waste of funds to train).*

The evidence available to date does not support this generalization. Tenant management corporations are nonprofit corporations which, while tenant membership may change, have organizational continuity. For example, tenant management corporations in Boston, St. Louis, Jersey City, N.J., and elsewhere have demonstrated that tenant management corporations can have stable leadership. Although there undoubtedly will be some turnover among the tenant management corporation membership, the impact of turnover in the case of tenant management corporations where there is well-trained and broad-based leadership will not necessarily be more adverse than would turnover of personnel in private sector management with similar responsibilities. At any rate, this is a determination that the PHA should

make in assessing the feasibility of tenant management.

*—They are not interested in becoming managers, especially elderly tenants, busy single parent tenants, and tenants who are satisfied with the management arrangements as they are.*

The Department agrees that, for a variety of reasons, some tenants may not be interested in undertaking management and that tenant management will not work in all situations. The fact that there currently are at least 12 active tenant management corporations refutes the general contention that tenants are not interested in becoming managers.

*—They are not capable of management responsibilities because of low education levels (if they could manage well, they would not need assistance from the government).*

Our experience with the existing groups does not support this allegation.

*—Tenants capable of leadership are also capable of salaried positions and would soon leave public housing. At any rate, tenants with no financial equity in their home would not work without compensation.*

One of the benefits of tenant management is that it offers residents an opportunity for upward mobility and economic self-sufficiency. It is not proposed that tenants be required to work without compensation. If a PHA contracts with a tenant management corporation, tenants who provide services would be paid on a comparable basis to that of private management. Finally, the existence of the functioning tenant management corporations noted earlier indicates that public housing tenants can be motivated by factors in the absence of homeowner's equity.

*—If tenants are to collect rents or handle PHA money, they would have to be bonded, and this could be difficult.*

The Department agrees that this is a potential problem. Like other pertinent contract provisions, the ACC requirement for fidelity bonding would be applicable to tenant management corporation personnel who handle cash, since the tenant management corporation would be handling the PHA's funds. If the tenant management corporation is unable to obtain a bond for a particular employee, then that individual could not be permitted to do the job for which bonding is required. If no bonding company will provide coverage for any tenant management corporation personnel, the PHA and the tenant management corporation should consider modifying the tenant management corporation's responsibilities to exclude handling of



funds and encouraging the tenant management corporation to pursue other management functions.

*—Employing tenants could be a form of discrimination, because a tenant might be hired because he or she is a public housing tenant, rather than the best qualified.*

Since one of the goals of tenant management is to allow residents to develop new skills, PHAs and tenant management corporations must be allowed sufficient flexibility to select workers with a variety of skill levels who can accomplish the tasks involved. The PHA and the tenant management corporation would be expected to negotiate specific employee qualification and performance standards as part of their contract. Of course, employment discrimination on the basis of race, color, religion, etc. is prohibited by Federal, State, and local laws, and would be illegal for a tenant management corporation, just as it is for a PHA.

*—It would be hard for tenant groups to act as advocates of tenant rights and enforcers of tenant responsibilities. Also, it is important to consider the various cultural backgrounds of tenants, which would make consistency of interests hard to obtain.*

Generally, our experience with the existing tenant management corporations has not indicated any major conflict-of-interest problems for the tenants in their roles as managers and residents. To the extent the PHA deems them relevant, cultural or other internal differences should be addressed and resolved in forming the tenant organization and establishing the tenant management corporation. If a PHA has reservations about the capability of the particular tenant management corporation as far as fair representation is concerned, but decides to contract with the tenant management corporation anyway, it should include appropriate safeguards and controls in its contract with the tenant management corporation.

*—The confidentiality of local residents would be jeopardized.*

Tenant and applicant records will be subject to the same standards of privacy and confidentiality that currently prevail in the public housing program.

*—If tenants get frustrated with or don't respect their tenant organization, they would still go directly to the PHA or HUD.*

There is always the potential for such an outcome, but it is no different under tenant management than other forms of PHA or private management. In some respects, however, the requirement that tenant organizations be democratically

elected should help to ensure that the organizations remain representative of tenants' interests.

*There would be the potential for tenant groups to assume ad hoc authority, or to act as vigilantes.*

This is unlikely. Tenant management corporations are required to operate under a mutually agreed-upon contract with the PHA. If the tenant management corporation does not perform according to its contract, the PHA should require the tenant management corporation immediately to take corrective actions, or take steps to terminate the agreement.

*The rule adds to already excessive organizational responsibilities and further complicates management functions. The volume of paperwork needed to administer the program and the current HUD restrictions have been contributing factors to poor PHA management because of the amount of PHA staff time they consume. The rule would only increase the amount of bookkeeping costs and time, etc.*

Although HUD encourages PHAs to consider tenant management, the actual decision to proceed is for the PHA to make. The experience of the existing tenant management corporations demonstrates that PHAs have not found additional paperwork or supervisory responsibilities to be insurmountable; indeed, there is the possibility of offsetting savings in other areas of the PHA's operations as a result of tenant management.

*The rule lacks specificity and could be clearer in some areas. It leaves questions as to the mechanics of tenant participation. For example:*

*—A percentage threshold should be set for determining the amount of tenant interest in a particular problem—or must the PHA respond to every request whether reasonable or not?*

This is a matter for PHA discretion. A rigid formula approach would be neither appropriate nor workable considering the great variety of local circumstances.

*—The rule does not give tenant organizations any specific rights other than to be established. Guidelines are needed to insure that the PHA does not ignore tenant organization input, and that discretion is exercised in a meaningful way.*

This is also a matter of PHA discretion. The rule encourages PHAs to establish a mechanism for tenant participation. The precise form and nature of tenant participation is a matter to be worked out by the PHA and the tenants.

*—The rule leaves open questions regarding PHA management prerogatives, ACC waivers as to competitive bidding and contracts with tenant management corporations, and the tenant management corporations' retaining earnings from the managed property.*

HUD's intent is to provide maximum PHA discretion within the requirements of the Annual Contributions Contract and any applicable Federal, State, or local laws. Sections 964.29(b) and 964.33(b) address respectively waiver of the ACC requirement for competitive bidding and the retention of earnings by the tenant management corporation.

*—Section 964.17(b) should be clearer as to what is required regarding the PHA consulting with tenants to determine the extent to which they desire to participate in management.*

This is a matter of PHA discretion. A strictly defined approach would be neither appropriate nor workable, considering the great variety of local circumstances.

*—The Definition of "Tenant Organization" and "Tenant Management Corporation" should be changed to insure that there is a high level of tenant involvement. There is no requirement that tenants serve on a tenant organization board, and a PHA may possibly work with a tenant management corporation which has no residents on the Board.*

In view of this comment, with which the Department agrees, § 964.19(b) (relating to conditions to be met for recognition of a tenant organization) and § 964.29(a) (relating to characteristics of a tenant management corporation) have been changed to require that the voting members of the governing boards of each must be tenants.

*—Even though there should be encouragement of local solutions to local problems, the State funding agency should be available to review and conciliate matters where tenant organizations and housing authorities cannot come to terms.*

The PHA ultimately is responsible for the administration of its public housing program and, therefore, makes all final decisions. Although tenant organizations and PHAs should be encouraged to resolve their differences, there is no requirement that there be agreement on every issue. However, the rule does not preclude a conciliatory role for State or local agencies, or another type of arbitration provision, if agreed to by the PHA and the tenant organization or tenant management corporation. In those States where such State agencies perform this function for



State-aided projects, this type of participation may be advisable and welcome.

*—Tenants and PHAs should have joint review of the plan for use of CIAP and reprogramming of modernization funds; otherwise, there would be no guarantee that the funds are continuing to be utilized for the priorities identified by local tenants.*

PHAs are currently required to consult with tenants in developing their modernization program. Although tenants' views should be considered in accordance with the tenant participation procedures established by the PHA to comply with HUD requirements under CIAP regulations at 24 CFR Part 968, there is no requirement that CIAP funds be programmed according to the priorities identified by tenants.

*—HUD should establish criteria for what activities should be fundable; otherwise PHAs may establish their own criteria and deprive tenant organizations of independence.*

This is a matter for PHA discretion and negotiation between the PHA and the tenant organization. This rule is not intended to usurp the PHA's prerogatives regarding the use of its funds. Also, it would be difficult for HUD to identify the broad range of activities that a tenant organization might undertake. The capabilities of individual tenant organization's and the needs of individual projects preclude HUD's establishing criteria for fundable activities.

*—PHAs should recognize their individual development tenant organizations as well as city-wide tenant organizations.*

Although we disagree that the rule should mandate which groups the PHAs must recognize, the definition of tenant organization in the final rule has been revised to make clear that the PHA may recognize a tenant organization representing either a single project or a group of projects.

*—There should be guidelines regarding the accountability of tenant organizations, and regarding representation of the whole public housing community and the avoidance of corruption and conflicts of interest.*

The rule contains basic provisions on tenant organization representation of tenants, which provide a framework for a PHA to establish, in consultation with the tenants, a workable arrangement. Anything more detailed should be more appropriately addressed at the local level.

*—A maximum limit should be established in § 964.21 for cash contributions to tenant organizations in order to conserve funds and to avoid*

*conflicts among tenant organizations, PHAs, and HUD. In the past, PHAs have funded, at their discretion, tenant organizations to a maximum of \$3.00 per unit per year. It is recommended that this amount be continued. Also, cash contributions should be subject to HUD approval if they are generated through the operating budget process.*

The rule affords the PHA discretion as to what amount, if any, it may make for cash contributions to a tenant organization. This is consistent with the general budgetary discretion of PHAs. Any cash contributions are subject to HUD's review and approval of the PHA's operating budget, to the extent provided for under the regular budget review process.

*—If funding of financial arrangements for a tenant management corporation is to be set forth in the management contract between the PHA and the tenant management corporation, an information copy should be sent to the HUD field office. If the management contract will cause an increase in PHA operating expenses, prior HUD approval should be required.*

The Department does not agree that an information copy of the management contract should be sent to HUD, because that would create unnecessary paperwork. If HUD needs additional information about the PHA-tenant management corporation arrangement, it can request the information from the PHA. Prior HUD approval of the contract is unnecessary. However, in accordance with the existing PHA budget process, the financial aspects of tenant management must be reflected in the PHA's annual budget submission. If an increase in proposed tenant management corporation costs would cause the PHA to exceed its controlled accounts under the budget previously approved by HUD, then prior HUD approval of a budget amendment would be required.

*—The rule permits the PHA to waive procurement procedures by not taking bids for items which could possibly be performed by the tenant management corporation. However, the PHA should "test" the private market to insure the reasonableness of the cost estimate. This would be educational to the tenant management corporation and would assure the best prices to the PHA.*

The Department agrees that PHAs should be encouraged to do this to the extent that it is feasible. While a regulatory language change is not necessary to stress this, where it is feasible and necessary, a PHA should survey the private market to insure that the price the tenant management

corporation proposes to charge the PHA is reasonable.

## Other Matters

### National Environmental Policy Act

A Finding of No Significant Impact with respect to the environment has been made in accordance with HUD regulations in 24 CFR Part 50, which implement section 102(2)(C) of the National Environmental Policy Act (42 U.S.C. 4321-4347). The Finding is available for public inspection during regular business hours in the Office of the Rules Docket Clerk, Room 10276, 451 Seventh Street SW., Washington, DC 20410-0500.

### Executive Order 12291

This rule does not constitute a major rule as that term is defined in section 1(b) of the Executive Order on Federal Regulation issued by the President on February 17, 1981. Analysis of the rule indicates that it would not: (1) Have an annual effect on the economy of \$100 million or more; (2) cause a major increase in costs or prices for consumers, individual industries, Federal, State or local government agencies, or geographic regions; or (3) have a significant adverse effect on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

### Regulatory Flexibility Act

As required by section 605(b) of the Regulatory Flexibility Act (5 U.S.C. 601), the Undersigned hereby certifies that this rule does not have a significant economic impact on a substantial number of small entities. This rule sets forth Departmental policy and does not prescribe specific action. While publication of the policy is new, a PHA has always been able to encourage and facilitate tenant participation in public housing. This rule is voluntary and, accordingly, is to be used only by those PHAs and tenants who consider implementation of such policy to be advantageous.

### Paperwork Reduction Act.

The information requirements contained in this rule have been approved by the Office of Management and Budget (OMB) and assigned approval number 2577-0087.

### Semiannual Agenda

This rule was listed as item number 966 in the Department's October 27, 1986, Semiannual Regulatory Agenda (51



FR 38424, 38468], published in accordance with Executive Order 12291 and the Regulatory Flexibility Act.

#### *Catalog of Federal Domestic Assistance Program Numbers*

The applicable Catalog of Federal Domestic Assistance Program numbers are: Public and Indian Housing—14.850; Public and Indian Housing—Comprehensive Improvement Assistance Program—14.852.

#### *List of Subjects*

##### *24 CFR Part 964*

Public and Indian housing.

##### *24 CFR Part 968*

Grant program—housing and community development, Loan programs—housing and community development, Public housing, Reporting and recordkeeping requirements.

Accordingly, the Department amends 24 CFR Chapter IX as follows:

### **PART 964—TENANT PARTICIPATION AND MANAGEMENT IN PUBLIC HOUSING**

1. By adding a new Part 964, to read as set forth below:

#### **Subpart A—General Provisions**

- Sec.  
964.1 Purpose.  
964.3 Applicability and scope.  
964.5 Relation to other requirements.  
964.7 Definitions.  
964.9 HUD role in activities under this part.

#### **Subpart B—Tenant Participation**

- 964.15 HUD policy on tenant participation.  
964.17 Tenant participation requirements.  
964.19 Tenant participation guidelines.  
964.21 Funding tenant participation.

#### **Subpart C—Tenant Management**

- 964.25 HUD policy on tenant management.  
964.27 Tenant management guidelines.  
964.29 Tenant management requirements.  
964.31 Continued PHA responsibility to HUD.  
964.33 PHA financial support for tenant management.

Authority: Secs. 8, 9, and 14, United States Housing Act of 1937 (42 U.S.C. 1437d, 1437g, 1437i); sec. 7(d), Department of Housing and Urban Development Act (42 U.S.C. 3535(d)).

#### **Subpart A—General Provisions**

##### **§ 964.1 Purpose.**

The purpose of this part is to recognize the importance of involving tenants in creating a positive living environment and in contributing to the successful operation of public housing. Accordingly, this part sets out HUD policies, guidelines, and requirements for tenant participation in the

management of public housing, including tenant management of public housing.

##### **§ 964.3 Applicability and scope.**

(a) The policies and procedures contained in this part apply to any public housing agency (PHA) that has a Public Housing Annual Contributions Contract (ACC) with the Department. This part does not apply to housing assistance payments under section 8 of the U.S. Housing Act of 1937.

(b) The Department recognizes that there are many active tenant organizations and tenant management corporations already in existence. Some tenant organizations represent the tenants of a single project, while others represent tenants within the entire jurisdiction of the PHA. This rule is not intended to negate any pre-existing arrangements that have been worked out between a PHA and a tenant organization or tenant management corporation. Current tenant management contracts that do not meet the requirements of Subpart C of this part need not be modified until the first renewal on or after ———. Effective date to be inserted by a future document.)

##### **§ 964.5 Relation to other requirements.**

This part is intended to be consistent with other regulations regarding tenant participation in specific aspects of public housing management. To the extent any provision in this part conflicts with any regulatory requirement related to tenant participation in any other part of this chapter, the other provision controls. This part generally is consistent with previous HUD instructions and guidelines on various aspects of tenant participation in management of public housing. To the extent this part conflicts with previous guidelines or instructions other than those involving regulatory requirements, the provisions in this part control.

##### **§ 964.7 Definitions.**

**Annual Contributions Contract (ACC).** A contract (in the form prescribed by HUD) whereby HUD agrees to provide financial assistance and the PHA agrees to comply with HUD requirements for the development and operation of a public housing project.

**Management.** All activities for which the PHA is responsible to HUD under the ACC, within the definition of "operation" under the Act and the ACC, including the development of tenant programs and services.

**Management Contract.** A written agreement between a tenant

management corporation and a PHA as described in §§ 964.29 (b) and (c).

**Public Housing Agency (PHA).** Any State, county, municipality, or other governmental entity or public body (or agency or instrumentality thereof) which is authorized to engage in or assist in the development and operation of low-income housing. For purposes of this part, the term Public Housing Agency does not include Indian Housing Authorities.

**Tenant Management:** The performance of one or more management activities for one or more projects by a tenant management corporation under a management contract with the PHA.

**Tenant Management Corporation:** An incorporated, nonprofit organization, approved by the tenant organization (where one exists), that proposes to enter or enters into a management contract with a PHA. The tenant management corporation must have the characteristics as stated in § 964.29(a).

**Tenant Organization:** An incorporated or unincorporated nonprofit organization or association which meets the conditions listed in § 964.19(b).

**Tenant Participation:** A process of consultation between tenants and the PHA concerning matters affecting the management of public housing, as a means of providing tenants with information about PHA plans and decisions and affording them opportunities to make comments and recommendations, on an advisory basis, about those plans and decisions.

##### **§ 964.9 HUD role in activities under this part.**

The form and extent of tenant participation and tenant management are local decisions to be made by a PHA after consultation with its tenants. HUD will promote tenant participation and tenant management and provide additional guidance as necessary and appropriate. HUD will not intervene in disputes between PHAs and tenants, particularly when the dispute concerns a matter of the exercise of local discretion as provided for in section 2 of the United States Housing Act of 1937.

#### **Subpart B—Tenant Participation**

##### **§ 964.15 HUD policy on tenant participation.**

It is HUD's policy to encourage tenant participation in the management of public housing, as may be found appropriate by PHAs after consultation with the tenants. HUD encourages PHAs and tenants to work together to determine the most appropriate ways to foster constructive relationships,



particularly through tenant organizations. Tenant organizations are generally the best vehicle for achieving effective tenant participation on a regular, sustained basis.

#### **§ 964.17 Tenant participation requirements.**

The following are requirements for implementing HUD's policy on tenant participation, as expressed in § 964.15:

(a) A PHA must provide the tenants or any tenant organization with current information concerning the PHA's policies on tenant participation in management, including guidance on information and recognition of a tenant organization, and, where appropriate, a tenant management corporation.

(b) A PHA must consult with tenants, or tenant organizations (if they exist), to determine the extent to which tenants desire to participate in the management of their housing and the specific methods that may be mutually agreeable to the PHA and the tenants.

(c) When requested by tenants, a PHA must provide appropriate guidance to tenants to assist them in establishing and maintaining a tenant organization, and, where appropriate, a tenant management corporation.

(Approved by the Office of Management and Budget under OMB control number 2577-0087)

#### **§ 964.19 Tenant participation guidelines.**

The following are guidelines for implementing HUD's policy on tenant participation, as expressed in § 964.15:

(a) Tenants and the PHA each should identify appropriate roles and responsibilities for creating and sustaining constructive tenant participation. Tenants should have the primary responsibility for determining their goals, organizational structure, and method of operating. A PHA should be willing to consider any reasonable request by tenants or tenant organizations to participate in management.

(b) A tenant organization may request that it be recognized as the official organization representing the tenants in meetings with the PHA or with other entities. A PHA should grant formal recognition of the tenant organization under the following conditions:

- (1) The tenant organization makes a request for recognition;
- (2) Notice of the request and opportunity to be heard is given to all tenants in the project or projects to be represented by the tenant organization; and
- (3) The tenant organization demonstrates that:

(i) The tenant organization is representative of the tenants it purports to represent. A tenant organization may represent tenants in more than one project or may be PHA-wide. In such a case, tenants from each project must be fairly represented;

(ii) The tenant organization has adopted written procedures that provide for specific officers to be elected on a regular basis (but at least once every three years); and

(iii) The tenant organization has a democratically elected governing board, of which the voting membership must consist of tenants of the project or projects it represents.

(c) At a minimum, the PHA and tenant organization should put in writing their understanding concerning the elements of their relationship. If such an agreement includes contracting for the tenant organization to perform any of the functions for which the PHA is responsible to HUD under the ACC, the provisions of Subpart C of this part apply.

(Approved by the Office of Management and Budget under OMB control number 2577-0087)

#### **§ 964.21 Funding tenant participation.**

(a) The PHA may, at its discretion and subject to availability of funds, provide reasonable in-kind and cash assistance for tenant participation activities. Such assistance will be considered an eligible operating expense of a PHA, subject to HUD approval of the PHA's operating budgets. Eligible tenant participation costs may include, in addition to noncash contributions such as technical assistance, space, office furniture and duplicating services, funding for the administrative costs and activities of the tenant organization.

(b) Cash contributions to a tenant organization may be made only under a written agreement between the PHA and tenant organization, which includes a tenant organization budget acceptable to the PHA. The agreement must require the tenant organization to account to the PHA for use of the funds and permit the PHA to inspect and audit the tenant organization's financial records related to the agreement.

(c) PHAs are encouraged to coordinate their contributions with available assistance from other private and public agencies.

(Approved by the Office of Management and Budget under OMB control number 2577-0087)

### **Subpart C—Tenant Management**

#### **§ 964.25 HUD policy on tenant management.**

It is HUD's policy to encourage tenant management where it is feasible. HUD encourages PHAs, tenants and tenant organizations to explore the various functions involved in project management to identify appropriate opportunities for contracting with a tenant management corporation. Potential benefits of tenant management of public housing include improved quality of life and resident satisfaction and other social and economic benefits to tenants, the PHA and HUD.

#### **§ 964.27 Tenant management guidelines.**

A decision to enter into a management contract with a tenant management corporation (see § 964.29) as well as the scope of the contract, are at the discretion of the PHA. However, PHAs should be supportive of tenant interest in forming a tenant management corporation to contract with the PHA for tenant management, and should work with tenants to determine the feasibility of tenant management.

#### **§ 964.29 Tenant management requirements.**

The following requirements apply when a PHA and its tenants are interested in providing for tenant performance of management functions in one or more projects:

(a) *Tenant Management Corporation.* Tenants interested in contracting with a PHA shall establish a tenant management corporation, with the following characteristics:

(1) The tenant management corporation shall be incorporated under the laws of the applicable jurisdiction.

(2) A tenant management corporation may be established by more than one tenant organization, so long as each tenant organization approves the establishment of the tenant management corporation and has representation on the tenant management corporation Board of Directors.

(3) The tenant management corporation shall have an elected Board of Directors and the bylaws shall provide for inclusion on the Board of Directors of representatives of each tenant organization involved in establishing the tenant management corporation or, where no tenant organization exists, representatives of each project served by the tenant management corporation. The voting members of the tenant management corporation governing board must be



tenants of the project or projects it manages.

(4) The tenant management corporation shall be approved by the tenant organization, if one exists. The tenant management corporation may serve as both the tenant organization and tenant management corporation, so long as the tenant management corporation meets the requirements for a tenant organization.

(b) *Management Contract: Scope.* A management contract between the PHA and tenant management corporation is required for tenant management. The PHA and the tenant management corporation may agree to the tenant management corporation's performance of any or all management functions for which the PHA is responsible to HUD under the ACC, and any other functions not inconsistent with the ACC and applicable laws and regulations. Before entering into a management contract, the PHA must determine that the tenant management corporation has the capability for satisfactory performance of all management functions covered by the management contract. The ACC provisions on competitive bidding and prior written HUD approval of contracts do not apply to the PHA's decision to contract with a tenant management corporation.

(c) *Management Contract: Contents.* At a minimum, the management contract must contain provisions to satisfy the following requirements:

(1) Tenant management corporation activities and expenditures must be consistent with the requirements of applicable Federal, State, and local law and regulations; the ACC and PHA policies, including requirements pertaining to employee fidelity bonds, access to project books and records, accounting, and audit.

(2) The tenant management corporation must submit to the PHA, for its approval, an annual budget or cost estimate covering activities under its contract with the PHA, identifying proposed activities and estimated costs associated with activities (if PHA determines that the type of work contracted for makes this appropriate).

(3) The PHA must review periodically (but not less than annually) the tenant management corporation's performance to ensure that it complies with all applicable requirements and meets agreed-upon standards of performance. (The method of review and criteria used to judge performance should be specified in the management contract.)

(4) The PHA and the tenant management corporation each has the right to take all necessary and appropriate actions to remedy any

breach of the contract by the other party, including the right to terminate the contract for cause.

(5) The PHA and the tenant management corporation have reached agreement with respect to financial incentives, if applicable (see § 964.33(b)).

(d) *Prohibited activities.* A PHA may not contract for assumption by the tenant management corporation of the PHA's underlying responsibilities to HUD under the ACC. The PHA must ensure that the overall operation of its projects is in compliance with all applicable Federal, State, and local requirements. The PHA must monitor the tenant management corporation's performance under the management contract.

(Approved by the Office of Management and Budget under OMB control number 2577-0087)

#### § 964.31 Continued PHA responsibility to HUD.

A management contract between the PHA and a tenant management corporation does not impair the respective rights and responsibilities of the PHA and HUD under the ACC. The PHA remains responsible to HUD for ensuring that the management of its projects, including any management function contracted out to a tenant management corporation, is in compliance with all applicable HUD requirements.

#### § 964.33 PHA financial support for tenant management.

(a) The PHA may, in its discretion and subject to the availability of funds, provide reasonable in-kind and cash contributions to a tenant management corporation. Such assistance may involve technical assistance to the tenant management corporation, including training or organizational development. Such assistance also may include helping the tenant management corporation to obtain services or training provided by other public or private agencies in support of tenant management.

(b) A management contract may provide reasonable financial incentives for improved management of the function or project by the tenant management corporation. Such incentives may permit the retention and use for the tenant management corporation-managed project or projects of all or a portion of the savings in operating expenses, or increases in income, realized as a direct result of improved management attributable to the tenant management corporation. The PHA may agree to financial incentives for improved management at tenant

management corporation-managed projects as an exercise of its management discretion. The existence of such incentives in a management contract would not alter the calculation of operating subsidies payable to the PHA under the Performance Funding System (PFS) regulations in Part 990 of this chapter. Such funds may be used only for eligible operating expenses, and the tenant management corporation shall be required to manage and account for them to the PHA in the same manner as is required for other operating funds. Financial incentives provided to the tenant management corporation are subject to HUD review and approval to the extent that they are part of the PHA's operating budget.

(c) In addition to or in lieu of PHA operating funds, Comprehensive Improvement Assistant Program (CIAP) funds may be requested by a PHA with which to assist tenant management corporations to develop, improve, or strengthen their management capabilities, as a part of management improvements under comprehensive modernization. PHAs should request such funding under the CIAP application process contained in Part 968 of this chapter.

### PART 968—COMPREHENSIVE IMPROVEMENT ASSISTANCE PROGRAM

2. By revising the authority citation for Part 968 to read as follows:

Authority: Secs. 6 and 14, United States Housing Act of 1937 (42 U.S.C. 1437d, 1437i); sec. 7(d), Department of Housing and Urban Development Act (42 U.S.C. 3535(d)).

3. By amending § 968.4 to add a new paragraph (j) to read as follows:

#### § 968.4 Eligible costs.

\* \* \* \*

(j) *Tenant Management Corporations.* Eligible modernization costs include use of management improvement funds to assist a tenant management corporation, as defined in § 964.7 of this chapter, to develop its management capabilities and carry out management improvements identified as PHA-wide or project-specific in nature, under the terms of a management contract between the PHA and the tenant management corporation. (See Part 964 of this chapter for information on the establishment and functions of tenant management corporations). Such funding is subject to the limitations indicated in paragraph (b) of this section.



Dated: November 26, 1986.

J. Michael Dorsey,

*Assistant Secretary for Public and Indian Housing.*

[FR Doc. 86-27505 Filed 12-8-86; 8:45 am]

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## DEPARTMENT OF DEFENSE

### Office of the Secretary

#### 32 CFR Part 292a

#### Privacy Act of 1974, As Amended; Privacy Program

**AGENCY:** Defense Intelligence Agency, DoD.

**ACTION:** Final rule.

**SUMMARY:** This final rule revises the Defense Intelligence Agency's earlier version of this part titled PART 292a—PRIVACY ACT OF 1974 which implements the Privacy Act, as amended (5 U.S.C. 552a) within the DIA. This revision supercedes a final rule (43 FR 31129) published on July 20, 1978, at 32 CFR Part 292a. This revision incorporates changes occasioned by the publication of DoD Directive 5400.11, June 9, 1982, and DoD regulation 5400.11-R, August 31, 1983, both entitled, "Department of Defense Privacy Program."

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** Mr. Robert C. Hardzog, Freedom of Information Act Officer, Defense Intelligence Agency, RTS-1, Washington, DC 20340-3299; Telephone, 202-373-3910, 3911 or autovon 243-3910.

**SUPPLEMENTARY INFORMATION:** Subsection 3(f) of the Privacy Act of 1974, as amended (5 U.S.C. 552a), requires that Federal agencies promulgate rules for implementing the Privacy Act.

The Defense Intelligence Agency has determined that this revision is not a major rule as defined by Executive Order 12291, is not subject to the relevant provisions of the Regulatory Flexibility Act of 1980 (Pub. L. 90-354), and does not contain reporting or recordkeeping requirements under the criteria of the Paperwork Reduction Act of 1980 (Pub. L. 96-511).

#### List of Subjects in 32 CFR Part 292a

Privacy.

Accordingly, Part 292a of 32 CFR is revised to read as follows:

## PART 292a—PRIVACY ACT OF 1974

### Sec.

- 292a.1 Authority.
- 292a.2 Purpose.
- 292a.3 Scope.
- 292a.4 Definitions.
- 292a.5 Procedures for requests pertaining to individual records in a record system.
- 292a.6 Disclosure of requested information to individuals.
- 292a.7 Special procedures: Medical records.
- 292a.8 Request for correction of amendment to record.
- 292a.9 Agency review of request for correction or amendment of record.
- 292a.10 Appeal of initial adverse Agency determination for access, correction or amendment.
- 292a.11 Fees.
- 292a.12 General exemptions. [Reserved]
- 292a.13 Specific exemptions.

Authority: 5 U.S.C. 552a.

#### § 292a.1 Authority.

Pursuant to the requirements of section 553 of Title 5 of the United States Code, the Defense Intelligence Agency promulgates its rules for the implementation of the Privacy Act of 1974, Pub. L. 93-579, 5 U.S.C. 552a (f) and (k).

#### § 292a.2 Purpose.

(a) To promulgate rules providing procedures by which individuals may exercise their rights granted by the act to: (1) Determine whether a Defense Intelligence Agency system of records contains a record pertaining to themselves; (2) be granted access to all or portions thereof; (3) request administrative correction or amendment of such records; (4) request an accounting of disclosures from such records; and (5) appeal any adverse determination for access or correction/amendment of records.

(b) To set forth Agency policy and fee schedule for cost of duplication.

(c) To identify records subject to the provisions of these rules.

(d) To specify those systems of records for which the Director, Defense Intelligence Agency, claims an exemption.

#### § 292a.3 Scope.

(a) Any individual who is a citizen of the United States or an alien lawfully admitted for permanent residence in the United States may submit an inquiry to the Defense Intelligence Agency.

(b) These rules apply to those systems of records: (1) Maintained by the Defense Intelligence Agency; (2) for which the Defense Intelligence Agency prescribes the content and disposition pursuant to statute or executive order of the President, which may be in the physical custody of another Federal

agency; (3) not exempted from certain provisions of the act by the Director, Defense Intelligence Agency.

(c) The Defense Intelligence Agency may have physical custody of the official records of another Federal agency which exercises dominion and control over the records, their content, and access thereto. In such cases, the Defense Intelligence Agency maintenance of the records is considered subject to the rules of the other Federal agency. Except for a request for a determination of the existence of the record, when the Defense Intelligence Agency receives requests related to these records, the DIA will immediately refer the request to the controlling agency for all decisions regarding the request and will notify the individual making the request of the referral.

(d) Records subject to provisions of the act which are transferred to the Washington National Records Center for storage shall be considered to be maintained by the Defense Intelligence Agency. Disclosure from such records—to other than an element of the Defense Intelligence Agency—can only be made with the prior approval of the Defense Intelligence Agency.

(e) Records subject to provisions of the act which are transferred to the National Archives shall be considered to be maintained by the National Archives and are no longer records of the Agency.

#### § 292a.4 Definitions.

(a) All terms used in this part which are defined in 5 U.S.C. 552a shall have the same meaning herein.

(b) As used in this part:

(1) The term "Act" means the Privacy Act of 1974, Pub. L. 93-579, 5 U.S.C. 552a.

(2) The term "Agency" means the Defense Intelligence Agency.

#### § 292a.5 Procedures for requests pertaining to individual records in a record system.

(a) An individual seeking notification of whether a system of records, maintained by the Defense Intelligence Agency, contains a record pertaining to himself/herself and who desires to review, have copies made of such records, or to be provided an accounting of disclosures from such records, shall submit his or her request in writing. Requesters are encouraged to review the systems of records notices published by the Agency so as to specifically identify the particular record system(s) of interest to be accessed.

(b) In addition to meeting the requirements set forth in § 292a.5 of this



part, the individual seeking notification, review or copies, and an accounting of disclosures will provide in writing his or her full name, address, social security account number or date of birth and a telephone number where the requester can be contacted should questions arise concerning his or her request. This information will be used only for the purpose of identifying relevant records in response to an individual's inquiry. It is further recommended that individuals indicate any present or past relationship or affiliations, if any, with the Agency and the appropriate dates in order to facilitate a more thorough search of the record system specified and any other system which may contain information concerning the individual. A signed notarized statement may also be required.

(c) An individual who wishes to be accompanied by another individual when reviewing his or her records, must provide the Agency with written consent authorizing the Agency to disclose or discuss such records in the presence of the accompanying individual.

(d) A request for medical records must be submitted as set forth in § 292a.7, of this part.

(e) Individuals should mail their written request to: Defense Intelligence Agency, RTS-1, Washington, DC 20340-3299 and indicate clearly on the outer envelope "Privacy Act Request."

(f) An individual who makes a request on behalf of a minor or legal incompetent shall provide a signed notarized statement affirming the relationship.

(g) When an individual wishes to authorize another person access to his or her records, the individual shall provide a signed notarized statement authorizing and consenting to access by the designated person.

(h) Except as provided by section 552a(b) of the act, 5 U.S.C. 552a(b), the written request or prior written consent of the individual to whom a record pertains shall be required before such record is disclosed to any person or to another agency outside the Department of Defense.

(i) Any person who knowingly and willfully requests or obtains any record concerning an individual from this Agency under false pretenses shall be guilty of a misdemeanor and fined not more than \$5,000.

#### § 292a.6 Disclosure of requested information to individuals.

The Defense Intelligence Agency, upon receiving a request for notification of the existence of a record or for access

to a record, shall: (a) Determine whether such record exists; (b) determine whether access is available under the Privacy Act; (c) notify the requester of those determinations within 10 days (excluding Saturday, Sunday and legal public holidays) and; (d) provide access to information pertaining to that person which has been determined to be available.

#### § 292a.7 Special procedures: Medical records.

Medical records, requested pursuant to § 292a.5 of this part, will be disclosed to the requester unless the disclosure of such records directly to the requester could, in the judgment of a physician, have an adverse effect on the physical or mental health or safety and welfare of the requester or other persons with whom he may have contact. In such an instance, the information will be transmitted to a physician named by the requester or to a person qualified to make a psychiatric or medical determination.

#### § 292a.8 Request for correction or amendment to record.

(a) An individual may request that the Defense Intelligence Agency correct, amend, or expunge any record, or portions thereof, pertaining to the requester that he believes to be inaccurate, irrelevant, untimely, or incomplete.

(b) Such requests shall be in writing and may be mailed to RTS-1 as indicated in § 292a.5.

(c) The requester shall provide sufficient information to identify the record and furnish material to substantiate the reasons for requesting corrections, amendments or expurgation.

#### § 292a.9 Agency review of request for correction or amendment of record.

(a) The Agency will acknowledge a request for correction or amendment of a record within 10 days (excluding Saturday, Sunday, and legal public holidays) of receipt. The acknowledgment will be in writing and will indicate the date by which the Agency expects to make its initial determination.

(b) The Agency shall complete its consideration of requests to correct or amend records within 30 days (excluding Saturday, Sunday, and legal holidays) and inform the requester of its initial determination.

(c) If it is determined that records should be corrected or amended in whole or in part, the Agency shall advise the requester in writing of its determination; and correct or amend the

records accordingly. The Agency shall then advise prior recipients of the records of the fact that a correction or amendment was made and provide the substance of the change.

(d) If the Agency determines that a record should not be corrected or amended, in whole or in part, as requested by the individual, the Agency shall advise the requester in writing of its refusal to correct or amend the records and the reasons therefor. The notification will inform the requester that the refusal may be appealed administratively and will advise the individual of the procedures for such appeals.

#### § 292a.10 Appeal of initial adverse Agency determination for access, correction, or amendment.

(a) An individual who disagrees with the denial or partial denial of his or her request for access, correction, or amendment of Agency records pertaining to himself/herself, may file a request for administrative review of such refusal within 30 days after the date of notification of the denial or partial denial.

(b) Such requests should be in writing and may be mailed to RTS-1 as indicated in § 292a.5.

(c) The requester shall provide a brief written statement setting forth the reasons for his or her disagreement with the initial determination and provide such additional supporting material as the individual feels necessary to justify his or her appeal.

(d) Within 30 days (excluding Saturday, Sunday, and legal public holidays) of the receipt of request for review, the Agency shall advise the individual of the final disposition of his or her request.

(e) In those cases where the initial determination is reversed, the individual will be so informed and the Agency will take appropriate action.

(f) In those cases where the initial determinations are sustained, the individual shall be advised:

(1) In the case of a request for access to a record, of the individual's right to seek judicial review of the Agency refusal for access.

(2) In the case of a request to correct or amend the record: (i) Of the individual's right to file with record in question a concise statement of his or her reasons for disagreeing with the Agency's decision, (ii) of the procedures for filing a statement of disagreement, and (iii) of the individual's right to seek judicial review of the Agency's refusal to correct or amend a record.



**§ 292a.11 Fees.**

(a) The schedule of fees chargeable is contained at section 286.60 et seq. As a component of the Department of Defense, the applicable published Departmental rules and schedules with respect to fees will also be the policy of DIA.

(b) Current employees of the Agency will not be charged for the first copy of a record provided by the Agency.

(c) In the absence of an agreement to pay required anticipated costs, the time for responding to a request begins on resolution of this agreement to pay.

(d) The fees may be paid by check, draft or postal money order payable to the Treasurer of the United States. Remittance will be forwarded to the office designated in § 292a.5(e).

**§ 292a.12 General exemptions [Reserved].****§ 292a.13 Specific exemptions.**

(a) All systems of records maintained by the Defense Intelligence Agency shall be exempt from the requirements of 5 U.S.C. 552a(d) pursuant to 5 U.S.C. 552a (k)(1) to the extent that the system contains any information properly classified under Executive Order 12356 "National Security Information" (47 FR 14874, April 2, 1982), or which is required by Executive Order to be kept secret in the interest of national defense or foreign policy. This exemption, which may be applicable to parts of all systems of records, is necessary because certain record systems not specifically designated for exemption may contain isolated information which has been properly classified.

(b) The Director, Defense Intelligence Agency, designates the systems of records listed below for exemptions under the specified provisions of the Privacy Act of 1974 (Pub. L. 93-579).

(1) *LDIA 0271 Investigations and Complaints.* The reasons for asserting these exemptions are to insure the integrity of the Inspector General process within the Agency. The execution of this function requires that information be provided in a free and open manner without fear of retribution or harassment in order to facilitate a just, thorough and timely resolution of the complaint or inquiry. Disclosures from this system can enable individuals to conceal their wrongdoings or mislead the course of the investigation by concealing, destroying or fabricating evidence or documents. Also, disclosures can subject sources and witnesses to harassment or intimidation which may cause individuals not to seek redress for wrongs through Inspector General channels for fear of retribution or harassment.

(2) *LDIA 0275 DOD Hotline Referrals.* The reasons for asserting these exemptions are to insure that informants can report instances of fraud and mismanagement without fear of reprisal or unauthorized disclosure of their identity. The execution of this function requires that information be provided in a free and open manner without fear of retribution or harassment in order to facilitate a just, thorough and timely resolution of the case. These records are privileged Director, DIA, documents and the information contained therein is not routinely released or disclosed to anyone.

Selected documents in these systems are exempted from the following provisions of Title 5, U.S.C.; section 552a: (c)(3), (d), (e)(1), (e)(4)(G), (e)(4)(H) and (e)(4)(I). 5 U.S.C. 552a: (k)(2), (k)(5), or (k)(7).

(3) *LDIA 0660 Security Files.* The reasons for asserting these exemptions are to insure the integrity of the adjudication process used by the Agency to determine the suitability, eligibility or qualification for Federal service with the Agency and to make determinations concerning the questions of access to classified materials and activities. The proper execution of this function requires that the Agency have the ability to obtain candid and necessary information in order to fully develop or resolve pertinent information developed in the process. Potential sources, out of fear of retaliation, exposure or other action, may be unwilling to provide needed information or may not be sufficiently frank to be a value in personnel screening, thereby seriously interfering with the proper conduct and adjudication of such matters.

(4) *LDIA 0800 Operation Record System.* The reasons for asserting these exemptions are to insure the integrity of ongoing foreign intelligence collection and/or training activities conducted by the Defense Intelligence Agency and the Department of Defense. The execution of these functions requires that information in response to national level intelligence requirements be provided in a free and open manner without fear of retribution or unauthorized disclosure. Disclosures from these systems can jeopardize sensitive sources and methodology.

Selected documents in these systems are exempted from the following provisions of Title 5, U.S.C.; section 552a: (c)(3), (d), (e)(1), (e)(4)(G), (e)(4)(H),

and (e)(4)(I), and 5 U.S.C. 552a: (k)(2), (k)(5).

Linda M. Lawson,  
Alternate OSD Federal Register Liaison  
Officer, Department of Defense.

December 2, 1986.

[FR Doc. 86-27408 Filed 12-5-86; 8:45 am]

BILLING CODE 3810-01-M

**ENVIRONMENTAL PROTECTION AGENCY****40 CFR Part 52**

[Docket No. AM021 DE; (A-3-FRL-311-8)]

**Approval of Revisions to the Delaware State Implementation Plan**

**AGENCY:** Environmental Protection Agency.

**ACTION:** Final rule.

**SUMMARY:** This notice announces the Administrator's approval of revisions to the Delaware Regulation Governing the Control of Air Pollution, Regulations Nos. VIII, XIII, and XXVI. The amendment to Regulation No. VIII, Sulfur Dioxide Emissions from Fuel Burning Equipment, sections 2.1 through 2.4, will allow the State to regulate those individuals delivering high sulfur oil to any facility required by permit or by regulation to use low sulfur fuel. In addition, the State is given flexibility regarding the location and method for collecting oil samples. The Parr Oxygen bomb technique is added, as it is an accepted method for determining the percent of sulfur in fuel oil. A new section is added to Regulation No. XIII, Open Burning, to require prior notification of the County Fire Call Board of any allowable open burning activities. Regulation No. XXVI, Motor Vehicle Emissions Inspection Program, is amended to correct errors in the adopted 1982 State Implementation Plan (SIP) revision, to eliminate emissions testing for pre-1968 light duty gasoline powered vehicles (LDGV) and pre-1970 light duty gasoline powered trucks (LDGT), and to consolidate the two classes of LDGT while continuing to keep all LDGTs under 8,500 pounds registered gross vehicle weight eligible for testing. In addition, the cutpoint for 1979 and later LDGTs and 1975-1979 LDGVs is lowered from 600 ppm hydrocarbon (HC) to 500 ppm HC. One category of LDGV is split into two: 1980 LDGVs and 1981 and later LDGVs. For LDGTs, the groupings 1975 and later LDGT 1 and 1979 and later LDGT 2 are consolidated to include all LDGTs and then split by model year into 1979-1983 LDGTs and 1984 and later LDGTs. In



addition, the cutpoint for the latest model year groupings for LDGTs and LDGVs is lowered from 235 ppm HC to 220 ppm HC. The cutpoint for 1980 LDGVs is also changed from 235 ppm HC to 275 ppm HC. The Administrator approves this SIP revision request as it meets the necessary requirements of the Clean Air Act and 40 CFR Part 51.

**DATES:** This rulemaking will be effective on February 6, 1987, unless notice is received within 30 days that adverse or critical comments will be submitted.

**ADDRESSES:** Copies of these amendments and the accompanying support documents are available for public inspection during normal business hours at the following locations:

U.S. Environmental Protection Agency,  
Air Programs Branch, 841 Chestnut  
Building, Philadelphia, PA 19107, Attn:  
Ms. Patricia Gaughan (3AM11)

Public Information Reference Unit,  
Room 2922, EPA Library, U.S.  
Environmental Protection Agency, 401  
M Street, SW. (Waterside Mall),  
Washington, DC 20460

Delaware Department of Natural  
Resources and Environmental Control,  
Air Resources Section, 89 Kings  
Highway, P.O. Box 1401, Dover, DE  
19901

Office of the Federal Register, 1100 L  
Street, NW., Room 8301, Washington,  
DC

**FOR FURTHER INFORMATION CONTACT:**

Ms. Cynthia H. Stahl (215) 597-9337, at  
the Region III address above. The  
commercial and FTS numbers are the  
same.

**SUPPLEMENTARY INFORMATION:** On June  
5, 1985, the State of Delaware submitted  
a request to amend Regulation Nos. I,  
VIII, XIII, XX, XXI, XXV, and XXVI.  
Subsequently, on July 9, 1985, the State  
withdrew their request to amend the  
portions of Regulation No. I pertaining  
to asbestos, Regulation No. XX (New  
Source Performance Standards), and  
Regulation No. XXI (Emission Standards  
for Hazardous Air Pollutants). In  
addition, on July 9, 1986, the State  
withdrew their request to amend the  
portions of Regulation Nos. I and XXV  
pertaining to new source review.

Regulation No. VIII, sections 2.1  
through 2.4, is being amended to allow  
the State to take action against those  
individuals delivering high sulfur oil to  
any facility required by permit or by  
regulation to use low sulfur fuel. In  
addition, the State is given flexibility  
regarding the location and method for  
collecting oil samples. Specifically, the  
requirement that oil samples will be  
obtained using the proper American

Society for Testing and Materials  
(ASTM) methods or alternative methods  
approved by the State is substituted for  
the requirement that a minimum of 200  
ml of oil must be taken from the oil  
circulation system of a boiler in use at  
the time of the inspection. The Parr  
Oxygen bomb technique is added to  
section 2.4 as it is now an accepted  
method for determining the percent of  
sulfur in fuel oil.

The amendment to Regulation No.  
XIII, Open Burning, consists of adding a

new section (section 1.2) which requires  
notification of the applicable County  
Fire Call Board prior to any allowable  
open burning activities. The old section  
1.2 is renumbered 1.3.

The amendment to Regulation No.  
XXVI Motor Vehicle Emissions  
Inspection Program, consists of changes  
to Technical Memorandum Number 2 to  
Regulation XXVI. These changes are  
shown below. The brackets indicate  
deletions and the underlines indicate  
additions.

Table 2

| LDGV               | [LDGT 1]         | [LDGT 2]         | <u>LDGT</u>           | HC            |
|--------------------|------------------|------------------|-----------------------|---------------|
| [pre 1968]         | [pre 1968]       | [pre 1970]       |                       | [1600 ppm]    |
| 1968 - [1971] 1970 | [1968-1970]      | [1970-1972]      | 1970-1972             | 1100 ppm      |
| [1972] 1971-1974   | [1971-1974]      | [1973-1978]      | <u>1973-1978</u>      | 800 ppm       |
| 1975-1979          | [1975 and later] | [1979 and later] | <u>1979-1983</u>      | [600] 500 ppm |
| 1980 [and later]   |                  |                  | <u>-blank-</u>        | [235] 275 ppm |
| 1981 and later     |                  |                  | <u>1984 and later</u> | 220 ppm       |

LDGV = light duty gasoline powered vehicle (autos, station wagons)

LDGT = light duty gasoline powered truck (pickups, vans with a  
registered gross weight of less than 8,500 pounds).

Since pre-1968 light duty gasoline  
powered vehicles (LDGV) and pre-1970  
light duty gasoline powered trucks  
(LDGT) constitute just over 2% of the  
entire tested fleet and the number of  
failed vehicles in these groups is low,  
elimination of these two groups of  
vehicles is expected to have little or no  
effect on total hydrocarbon (HC)  
emissions. The 1968-1971 group of  
LDGV and the 1972-1974 group of LDGV  
is being changed to correct errors in the  
adopted 1982 SIP revision. Actual testing  
has been done with groupings of 1968-  
1970 and 1971-1974. One class of LDGT  
has been formed from the consolidation  
of two LDGT classes because the  
implementation of two LDGT classes  
was found to be cumbersome and of  
little value. Actual testing has been done  
using 8,500 pounds the gross weight limit  
of the heavier class (LDGT 2). The gross  
weight limit of LDGT 1 was 6,000  
pounds. Other changes to the model  
year groupings including splitting one  
group of LDGV from 1980 and later to  
1980 LDGVs and 1981 and later LDGVs.  
The LDGT class, which has been  
consolidated by combining the classes  
LDGT 1 and LDGT 2, now includes all  
LDGTs under 8,500 pounds registered  
gross weight. The model year groupings  
of LDGTs reflect the old LDGT 2  
groupings with the addition of the 1984  
and later LDGT grouping. The remainder  
of the changes to Table 2 concern  
changes in the cutpoints for HC

emissions. Since the failure rate for  
1975-1979 LDGVs and 1979-1983 LDGTs  
is disproportionately low in comparison  
to other groups of vehicles, the cutpoints  
for these groups is lowered by 100 ppm  
to 500 ppm. Model year 1980 light duty  
gasoline powered vehicles had been  
improperly subject to the HC cutpoint  
applicable to 1981 and newer vehicles  
and while they typically pass the 220  
ppm HC test, it is felt that it would be  
unreasonable to hold these vehicles to  
that limit. As a result, the cutpoint for  
1980 LDGVs is increased by 40 ppm to  
275 ppm. All 1981 and later LDGVs and  
1984 and later LDGTs are subject to the  
manufacturer's emission control  
warranty of 220 ppm HC and will  
continue to be held to this cutpoint for  
the emissions test.

These revisions to the Delaware SIP  
were adopted by the Department of  
Natural Resources and Environmental  
Control on May 9, 1985 in accordance  
with the requirements of 40 CFR Part 51,  
Requirements for Preparation, Adoption,  
and Submittal of Implementation Plans.  
As required by 40 CFR 51.4, the State of  
Delaware has certified that, after  
adequate public notice, a public hearing  
with respect to these SIP revisions was  
held on February 5, 1985.

**Conclusion**

EPA is approving these amendments  
to Delaware's Regulation Nos. VIII, XIII,  
and XXVI pertaining to sulfur in fuel oil,



open burning, and motor vehicle emission testing, respectively. This approval is based on a determination that these revisions meet the requirements of section 110(a)(2) of the Clean Air Act and 40 CFR Part 51, Requirements for Preparation, Adoption, and Submittal of Implementation Plans.

EPA is publishing this action without prior proposal because the Agency views this as a noncontroversial revision and anticipates no adverse comments. This action will be effective 60 days from the date of this **Federal Register** Notice unless, within 30 days of its publication, notice is received that adverse or critical comments will be submitted. If such notice is received, this action will be withdrawn before the effective date by publishing two subsequent notices. One notice will withdraw the final action and the other will begin a new rulemaking by announcing a proposal of the action and establishing a comment period. If no such comments are received, the public is advised that this action will be effective on February 6, 1987.

The Office of Management and Budget has exempted this rule from the requirements of section 3 of Executive Order 12291.

Under section 307(b)(1) of the Act, petitions for judicial review of this action must be filed in the appropriate circuit by February 6, 1987. This action may not be challenged later in proceedings to enforce its requirements. (See section 307(b)(2).)

Under 5 U.S.C. section 605(b), I certify that this SIP revision will not have a significant economic impact on a substantial number of small entities. See 46 FR 8709.

#### List of Subjects in 40 CFR Part 52

Air pollution control, Ozone, Sulfur oxides, Nitrogen dioxide, Lead, Particulate matter, Carbon monoxide, Hydrocarbons, Intergovernmental relations, Reporting and Recordkeeping requirements.

**Note.**—Incorporation by Reference of the State Implementation Plan for the State of Delaware was approved by the Director of the Federal Register on July 1, 1982.

Dated: October 23, 1986.

Lee M. Thomas,  
Administrator.

#### PART 52—[AMENDED]

##### Subpart I—Delaware

Part 52 of Chapter I, Title 40 of the Code of Federal Regulations is amended as follows:

1. The authority citation for Part 52 continues to read as follows:

Authority: 42 U.S.C. 7401-7642.

2. Section 52.420 is amended by adding paragraph (c)(35) as follows:

#### § 52.420 Identification of plan.

\* \* \*

(c) \* \* \*

(35) Revisions submitted by the State of Delaware on June 5, 1985 amending the State of Delaware Regulations Governing the Control of Air Pollution, Regulation Nos. VIII, XIII, and XXVI.

(i) *Incorporation by reference.* (A) Revisions via Order No. 85-A-3 Exhibit A Amendment Nos. 2, 3, and 5, to the State of Delaware Regulations Governing the Control of Air Pollution, Regulations VIII sections 2.1-2.4, XIII section 1.2, and XXVI Table 2, pertaining to sulfur in fuel oil, open burning, and motor vehicle emission testing, respectively. These revisions were adopted by the Department of Natural Resources and Environmental Control on May 9, 1985.

(ii) *Additional information.* (A) A letter dated July 9, 1985 from Secretary John E. Wilson, III to Mr. James M. Seif, withdrawing certain portions of the original SIP revision request pertaining to asbestos, New Source Performance Standards (Regulation No. XX), and Emission Standards for Hazardous Air Pollutants (Regulation No. XXI).

(B) A letter dated July 9, 1986 from Mr. Robert R. French to Mr. James Sydnor withdrawing the request to delete the definitions of "Reconstruction" and "Capital Expenditure" from their new source review regulations (Regulations I and XXV).

[FR Doc. 86-25844 Filed 12-5-86; 8:45 am]

BILLING CODE 6560-50-M

#### FEDERAL COMMUNICATIONS COMMISSION

##### 47 CFR Part 25

[CC Docket No. 85-135; FCC 86-497]

#### Domestic Fixed-Satellite Service; Licensing of Space Stations in the Domestic Fixed-Satellite Service

**AGENCY:** Federal Communications Commission.

**ACTION:** Final rule.

**SUMMARY:** In response to petitions for reconsideration filed by Home Box Office and Gannett Co., Inc., the Commission has modified its rule regarding collocation of essentially unfilled in-orbit satellites adopted in *Licensing of Space Stations in the Domestic Fixed-Satellite Service*, 50 FR 36071 (September 5, 1985) (*Licensing*

*Order*). In addition, the Commission denied a petition for reconsideration filed by National Exchange, Inc. concerning the financial qualification rules adopted in the *Licensing Order* and denied a petition for reconsideration by RCA American Communications, Inc. seeking revision of the rule concerning the number of expansion locations that will be assigned to a satellite licensee.

**EFFECTIVE DATE:** January 5, 1987.

**FOR FURTHER INFORMATION CONTACT:** Cecily Holiday or Fern Jarmulnek, (202) 634-1624.

**SUPPLEMENTARY INFORMATION:** This is summary of the Commission's Memorandum Opinion and Order, CC Docket No. 85-135, FCC 86-497, adopted October 30, 1986, and released November 19, 1986.

The full text of this Commission decision is available for inspection and copying during regular business hours in the FCC Dockets Branch (Room 230), 1919 M Street, NW., Washington, DC. The complete text of this decision may also be purchased from the Commission's copy contractors, International Transcription Services, (202) 857-3800, 2100 M Street, NW., Suite 140, Washington, DC 20037.

#### Summary of Memorandum Opinion and Order

In 1985, the Commission adopted rules governing the financial qualifications of domestic fixed-satellite licensees and the assignment of orbital locations. *Licensing of Space Stations in the Domestic Fixed-Satellite Service*, 50 FR 36071 (September 5, 1985). These rules were applied to grant or deny the applications of all domestic satellite applicants in the processing group then before the FCC. National Exchange, Inc. (NEX) and RCA American Communications, Inc. (RCA), Home Box Office, Inc. (HBO) and Gannett Co., Inc. (Gannett) filed petitions for reconsideration of that order.

NEX argued that the FCC erred in conducting rulemaking and applications processing concurrently and in implementing the financial rules immediately upon adoption. In denying NEX's petition, the FCC stated that concurrent rulemaking and application processing is proper and has been upheld by the courts. It also stated that although the financial rules merely restated and clarified existing policy, and thus could have been imposed on applicants immediately, parties were nevertheless provided with notice of the proposed rules, an opportunity to participate in the rulemaking process



and afforded 30 days to amend their applications in light of the proposed rules. Moreover, the Commission stated that the pressing international considerations raised by the then impending Space WARC met the agency's burden of demonstrating good cause for implementing the rule immediately upon adoption. Finally, the Commission dismissed NEX's February 1986 amendment to its November 1983 application, stating that it was filed over seven months after the FCC took final action on its application and that accepting it would impede the orderly processing of applications, create situations of mutual exclusivity and would be unfair to other applicants.

FCC also denied RCA's request to reconsider the rule that no licensee holding authorizations for three unlaunched satellites in a particular band shall be granted an additional satellite. It further denied RCA's request that the rule, if affirmed, should not be applied to RCA because two of RCA's three satellites were scheduled to be launched within 5 months. The FCC stated that RCA had not demonstrated that the rule—which is intended to strike a balance between providing existing operators the assurance of expansion capacity and making orbital capacity available to new operators—should be modified or that it should be waived for RCA.

The FCC partially granted petitions for reconsideration filed by HBO and Gannett by modifying its rule providing for the collocation of essentially unfilled satellites. Although the FCC affirmed the basic policy of ensuring that underutilized satellites not occupy orbital locations and thereby block entry by other qualified entities, it clarified that licensees as well as users will have an opportunity to provide their views in writing before any collocation is required. The FCC also modified the rule to clarify that the fill of systems as a whole, and not of any satellite in particular, will be used as the measure of determining whether collocation may be appropriate.

#### Final Regulatory Flexibility Analysis

Pursuant to the Regulatory Flexibility Act of 1980, 5 U.S.C. 604, a final regulatory flexibility analysis has been prepared. It is available for public viewing as part of the full text of this decision, which may be obtained from the Commission or its copy contractors.

#### Paperwork Reduction

The requirements contained herein have been analyzed with respect to the Paperwork Reduction Act of 1980 and found to contain no new modified form,

information collection and/or record keeping, labeling, disclosure, or record retention requirements; and will not increase or decrease burden hours imposed on the public.

#### Ordering Clauses

Accordingly, it is ordered that the Petitions for Reconsideration filed by National Exchange, Inc. and RCA American Communications, Inc. are denied.

It is further ordered that the Petitions for Reconsideration filed by Gannett Co., Inc. and Home Box Office, Inc. are granted to the extent set forth herein.

It is further ordered, pursuant to sections 4(i) and 303(r) of the Communications Act of 1934, 47 U.S.C. 154(i) and 303(r), that Part 25 of Chapter I of Title 47 of the Code of Federal Regulations is amended as shown at the end of this document, effective January 2, 1987.

#### List of Subjects in 47 CFR Part 25

Satellite radio communication,  
Satellites.

William J. Tricarico,  
Secretary.

#### PART 25—[AMENDED]

Part 25 of Title 47 of the Code of Federal Regulations is amended as follows:

1. The authority citation for Part 25 continues to read as follows:

Authority: Secs. 25.101 to 25.531 issued under 47 U.S.C. sec. 54. Interpret or apply 47 U.S.C. sec. 701-744.

2. Section 25.391(h) is revised to read as follows:

##### § 25.291. Qualifications of Domestic Satellite Space Station Licensees.

\* \* \* \* \*

(h) In the event that one or more applications satisfying the requirements of this section are ready for grant, any orbital location occupied by a satellite that is determined to be a part of a system that is not essentially filled may be cancelled and collocation of in-orbit satellites may be required. The Commission may take this action if, in so doing, it would allow the grant of pending applications that satisfy the requirements of this section. If a cancellation is made, the licensee will be afforded a period of 30 days to notify the Commission which of its assigned locations should be cancelled.

[FR Doc. 86-27426 Filed 12-5-86; 8:45 am]

BILLING CODE 6712-01-M

#### 47 CFR Part 73

#### Oversight of the Radio and TV Broadcast Rules

AGENCY: Federal Communications Commission.

ACTION: Final rule.

SUMMARY: This order amends broadcast regulations in 47 CFR Part 73.

Amendments are made to correct inaccurate rule texts, contemporize certain requirements and to execute editorial revisions as needed for purposes of clarity and ease of understanding.

EFFECTIVE DATE: December 8, 1986.

ADDRESS: Federal Communications Commission, Washington, DC 20554.

FOR FURTHER INFORMATION CONTACT: Steve Crane, Policy and Rules Division, Mass Media Bureau, (202) 632-5414.

#### SUPPLEMENTARY INFORMATION:

#### Order

Adopted: November 13, 1986.

Released: November 26, 1986.

By the Chief, Mass Media Bureau.

In the Matter of Oversight of the Radio and TV Broadcast Rules.

1. The definitions of the terms allocation, allotment and assignment are found in 47 CFR Part 2—Frequency Allocations and Radio Treaty Matters; General Rules and Regulations. See § 2.1 Terms and Definitions. The function of allocating frequencies for specific services is performed by the Frequency Allocation Branch of the FCC's Office of Engineering Technology.

2. After allocating frequencies for broadcasting purposes, the supervising Mass Media Bureau allots frequencies to geographical areas in the U.S.A. and its territories and possessions for specific services therein. In carrying out its purpose, the Mass Media Bureau prepares and maintains Tables designating i.e., allotting, certain frequency channels, by states, territories and possessions, and by the communities therein, for FM and TV broadcast services.

3. From these Tables, which show the allotment of the frequency channels to the separate geographical locations, assignments are made to applicants who apply to become FM or TV station licensees.

4. The terms "allotment" and "assignment" have been misused in sections of 47 CFR Part 73 in a colloquial, i.e., erroneous, sense for some years. The allotment tables for the FM Services, 47 CFR Part 73, Subpart B and for the TV services in Subpart E,



have been incorrectly termed "Table(s) of Assignments."

5. Correction of these improper designations was made, in part, in 1983 in the Report and Order in BC Docket 80-90, Modification of FM Broadcast Station Rules to Increase the Availability of Commercial FM Broadcast Assignments. 48 FR 29486, June 27, 1983. In paragraph 92 therein, the Commission stated:

According to the definitions adopted at the 1979 World Administrative Radio Conference (WARC) of the International Telecommunications Union, the term "allotment" rather than "assignment" more closely identifies the designation of a frequency or channel for use in a specific geographic area. Assignment is the authorization of a radio frequency channel for use by an entity under specific conditions. Thus, a channel may be allotted to a community or place but assigned to a licensee. A plan of potential channel designations should be referred to as Table of Allotments. The rules will be amended to denote the Table as the: Table of FM Allotments.

5. Corrections, yet to be made in the TV rules in Subpart E of Part 73, and in rules in other subparts, will be effected via this Order as shown in the attached appendix.

6. No substantive changes are made herein which impose additional burdens or remove provisions relied upon by licensees or the public. We conclude, for the reasons set forth above, that these revisions to Part 73 will serve the public interest.

7. These amendments are implemented by authority delegated by the Commission to the Chief, Mass Media Bureau. Inasmuch as these amendments impose no additional burdens and raise no issue upon which comments would serve any useful purpose, prior notice of rule making, effective date provisions and public procedure thereon are inapplicable pursuant to the Administrative Procedure Act. 5 U.S.C. 553(b)(3)(B).

8. Since a general notice of proposed rule making is not required, the Regulatory Flexibility Act does not apply.

9. Accordingly, it is ordered, that pursuant to sections 4(i), 303(r) and 5(c)(1) of the Communications Act of 1934, as amended, and §§ 0.61 and 0.283 of the Commission's Rules, Part 73 of the FCC Rules and Regulations are amended as set forth in the attached Appendix, effective on the date of publication in the **Federal Register**.

10. For further information on this Order, contact Steve Crane, Mass Media Bureau. (202) 632-5414.

Federal Communications Commission.  
James C. McKinney,  
Chief, Mass Media Bureau.

#### List of Subjects in 47 CFR Part 73

Radio broadcasting, Television broadcasting.

#### PART 73—[AMENDED]

47 CFR Part 73 is amended as follows:

1. The authority citation for Part 73 continues to read as follows:

Authority: 47 U.S.C. 154 and 303.

#### § 73.202 [Amended]

2. Section 73.202, Table of Allotments, is amended by revising note 1 to the channel number designations for the State of Pennsylvania to read as follows:

<sup>1</sup>The transmitter for a station operating on Channel 276A at Waynesburg must be located two miles southeast of the community in order that minimum distance separation requirements be met.

3. Section 73.202, Table of Allotments, is amended by revising note 1 to the Channel number designations for the State of Vermont to read as follows:

<sup>1</sup> Channels 246 and 251 at Rutland, Vt., are regarded as class B allotments.

4. Section 73.606 is amended by revising the section heading, paragraph (a) and footnote 6 to paragraph (b) to read as follows:

#### § 73.606 Table of allotments.

(a) *General.* The following table of allotments contains the channels designated for the listed communities in the United States, its Territories, and possessions. Channels designated with an asterisk are assigned for use by noncommercial educational broadcast stations only. A station on a channel identified by a plus or minus mark is required to operate with its carrier frequencies offset 10 kHz above or below, respectively, the nominal carrier frequencies.

#### (b) Table of Allotments.

\* \* \* \* \*

#### Footnotes to tables:

\* \* \* \* \*

<sup>6</sup> Stations using these allotments shall limit radiation toward stations on the same channel in Puerto Rico, to no more than the effective radiated power which would be radiated by an omnidirectional radio station using maximum permissible effective radiated power for antenna height above average terrain, at the minimum distances from such stations specified in § 73.610(b). The FCC shall consider the status of the negotiations with the appropriate British authorities concerning these allotments when the applications for construction permits come before the FCC.

5. Section 73.607 is revised to read as follows:

#### § 73.607 Availability of channels.

Applications may be filed to construct TV broadcast stations only on the channels designated in the Table of Allotments (§ 73.606(b)) and only in the communities listed therein. Applications which fail to comply with this requirement, whether or not accompanied by a petition to amend the Table, will not be accepted for filing. However, applications specifying channels which accord with publicly announced FCC Orders changing the Table of Allotments will be accepted for filing even though such applications are tendered before the effective dates of such channel changes.

6. Section 73.609 is amended by revising paragraph (a) introductory text to read as follows:

#### § 73.609 Zones.

(a) For the purpose of allotment and assignment, the United States is divided into three zones as follows:

\* \* \* \* \*

7. Section 73.610 is amended by revising paragraph (a) except the note, (b) introductory text and (c) to read as follows:

#### § 73.610 Minimum distance separations between stations.

(a) The provisions of this section relate to allotment separations and station separations. Petitions to amend the Table of Allotments (§ 73.606(b)) (other than those also expressly requesting amendment of this section or § 73.609) will be dismissed and all applications for new TV broadcast stations or for changes in the transmitter sites of existing stations will not be accepted for filing if they fail to comply with the requirements specified in paragraphs (b), (c) and (d) of this section.

\* \* \* \* \*

(b) Minimum co-channel allotment and station separations:

\* \* \* \* \*

(c) Minimum allotment and station adjacent channel separations applicable to all zones:

\* \* \* \* \*

8. Section 73.612 is amended by revising paragraph (a) and the Note following paragraph (b) to read as follows:

#### § 73.612 Protection from interference.

(a) Permittees and licensees of TV broadcast stations are not protected from any interference which may be caused by the grant of a new station or



of authority to modify the facilities of an existing station in accordance with the provisions of this subpart. The nature and extent of the protection from interference accorded to TV broadcast stations is limited solely to the protection which results from the minimum allotment and station separation requirements and the rules and regulations with respect to maximum powers and antenna heights set forth in this subpart.

(b) \* \* \*

**Note.**—The nature and extent of the protection from interference accorded to TV broadcast stations which were authorized prior to April 14, 1952, and which were operating on said date is limited not only as specified above but is further limited by any smaller separations existing between such stations on said date. Where, as a result of the adoption of the Table of Allotments or of changes in transmitter sites made by such stations after said date, separations smaller than the required minimum are increased but still remain lower than the required minimum, protection accorded such stations will be limited to the new separations.

9. Section 73.3516 is amended by revising paragraph (a) to read as follows:

**§ 73.3516 Specification of facilities.**

(a) An application for facilities in the AM, FM, or TV broadcast services or low power TV service shall be limited to one frequency, or channel, and no application will be accepted for filing if it requests an alternate frequency or channel.

10. Section 73.3572 is amended by revising paragraph (a)(1), introductory text, (a)(1) (i) and (d) to read as follows:

**§ 73.3572 Processing of TV broadcast, low power TV and TV translator station applications.**

(a) \* \* \*

(1) In the first group are applications for new stations or major changes in the facilities of authorized stations. A major change for TV broadcast stations authorized under this part is any change in frequency or community of license which is in accord with a present allotment contained in the Table of Allotments (§ 73.606). Other requests for change in frequency or community of license for TV stations must first be submitted in the form of a petition for rulemaking to amend the Table of Allotment. In the case of low power TV and TV translator stations authorized

under Part 74 of this Chapter, a major change is any change in:

(i) Frequency (output channel);

(d) Except for applications for low power TV and TV translator stations, regardless of the number of applications filed for channels in a city or the number of allotments available in that city, those applications which are mutually exclusive, *i.e.*, which request the same channel, will be designated for hearing. All other applications for channels will, if the applicants are duly qualified, receive grants. For example, if channels 6, 13, 47 and 53 have been assigned to City X and there are pending two applications for Channel 6 and one application for each of the remaining channels, the latter three applications will be considered grants without hearing and the two mutually exclusive applications requesting Channel 6 will be designated for hearing. If there are two pending applications for Channel 6 and two applications for Channel 13, separate hearings will be held.

[FR Doc. 86-27423 Filed 12-5-86; 8:45 am]

BILLING CODE 6712-01-M



# Proposed Rules

Federal Register

Vol. 51, No. 235

Monday, December 8, 1986

This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

## DEPARTMENT OF AGRICULTURE

### Federal Grain Inspection Service

#### 7 CFR Part 68

##### Standards for Beans

**AGENCY:** Federal Grain Inspection Service, USDA.

**ACTION:** Notice of intent.

**SUMMARY:** Notice is hereby given that the United States Standards for Beans is in the process of review. The Agency believes these standards are meeting the needs of the industry and no changes are planned. Public comments are being requested before a final decision is made.

**DATE:** Comments must be received by February 6, 1987.

**ADDRESS:** Comments should be sent to Lewis Lebakken, Jr., Information Resources Staff, USDA, FGIS, Room 1661 South Building, 1400 Independence Avenue SW., Washington, DC 20250, telephone (202) 382-1738.

**FOR FURTHER INFORMATION CONTACT:** Lewis Lebakken, Jr., telephone (202) 382-1738.

**SUPPLEMENTARY INFORMATION:** The review of the U.S. Standards for Beans, found at 7 CFR 68.101 through 68.142, is being conducted according to the requirements of Executive Order 12291. The Agency has reviewed these standards and no changes are considered necessary. Comments including data, views, and arguments concerning this review are solicited from interested persons.

(Sections 203 and 205 of the Agricultural Marketing Act of 1946 (7 U.S.C. 1622, 1624))

Dated: December 2, 1986.

W. Kirk Miller,  
Administrator.

[FR Doc. 86-27487 Filed 12-5-86; 8:45 am]

BILLING CODE 3410-EN-M

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 49

[Docket No. 14236; Ref. Notice No. 75-1]

##### Recordation of Notices of Lien

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Withdrawal of Notice of Proposed Rulemaking (NPRM).

**SUMMARY:** This notice withdraws an NPRM which proposed to amend the Federal Aviation Regulations to prescribe requirements for recording a notice of lien with the FAA Aircraft Registry. The proposal was not adopted. It is being withdrawn so as to not conflict with any future proposals regarding the recording of instruments affecting interests in aircraft.

**FOR FURTHER INFORMATION CONTACT:** Ms. Agnes Jones, Aircraft Registration Branch, (AAC-250), Airmen and Aircraft Registry, Aeronautical Center, P.O. Box 25504, Oklahoma City, Oklahoma 73125; Telephone (405) 686-2284.

**SUPPLEMENTARY INFORMATION:** Under Section 503(a)(1) of the Federal Aviation Act of 1958, the Federal Aviation Administration has established and maintains a system for recording any conveyance which affects title to, or any interest in, any civil aircraft of the United States. Section 101(20) of the Act defines a conveyance to include any "instrument affecting title to, or interest in, property." The FAA considers a notice of lien to be such an instrument, and has so indicated in § 49.31(a) of the Federal Aviation Regulations. Accordingly, the FAA Aircraft Registry accepts certain notices of lien for recording under Part 49. However, Part 49 does not set out the procedures for filing and releasing notices of liens.

On January 3, 1975, the FAA issued Notice of Proposed Rulemaking No. 75-1 (40 FR 2445; January 13, 1975) proposing procedures for inclusion in Part 49. They were intended to ensure the proper identification of the aircraft against which a lien is to be recorded. They would have required the lien holder to have sent notice of the filing of the lien to the holder of the certificate of registration. The lien holder would also have been required to file a release with the FAA upon satisfaction of the lien.

After consideration of the comments received in response to the notice and further study of the diverse state laws regarding artisans' liens, the FAA determined that the rules should not be adopted as proposed. The NPRM, however, was never withdrawn.

The FAA has advised the public as to those artisan liens that it will accept for recording against aircraft. On December 17, 1981, the FAA published in the Federal Register (46 FR 61528) a legal opinion on the recordability of artisan liens, and identified the states from which artisan liens will be accepted for recording by the Registry. Supplemental opinions were published in the Federal Register on April 23, 1984, (49 FR 17111) and on June 10, 1986, (51 FR 21046), providing interested persons with an updated list of those states.

Withdrawal of the proposal does not preclude the FAA from issuing any similar notice in the future, nor does it commit the FAA to any course of action. The FAA is in the process of studying Part 49 with the intent to revise and update the procedures and requirements contained therein. When a proposal is issued for public comment on those revisions, it is anticipated that the matter of procedures for the recording of nonconsensual liens will be addressed again.

##### Withdrawal of NPRM

Accordingly, Notice of Proposed Rulemaking No. 75-1 (40 FR 2445; January 13, 1975) is hereby withdrawn.

**Authority:** Secs. 313(a) and 503, Federal Aviation Act of 1958, as amended (49 U.S.C. 1354(a) and 1403); 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983).

Issued in Oklahoma City, Oklahoma, on December 2, 1986.

James E. Richardson,

Director, Aeronautical Center.

[FR Doc. 86-27409 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-13-M

## Coast Guard

### 33 CFR Parts 166 and 167

[CGD 84-004]

#### Shipping Safety Fairways; Approach to New York

**AGENCY:** Coast Guard, DOT

**ACTION:** Proposed rule.



**SUMMARY:** This notice proposes to establish two parallel fairways to connect the Eastern approach off Nantucket and the Eastern approach off Ambrose lanes of the traffic separation scheme (TSS) Off New York. This shipping safety fairway is intended to increase navigational safety by providing a corridor free from fixed offshore structures to allow vessels to navigate safely in the approach to New York. This notice also proposes to repromulgate the TSS Off New York under the Ports and Waterways Safety Act (PWSA) and incorporate it into Part 167 Title 33 Code of Federal Regulations. This proposal is administrative in nature and would make the regulations in 33 CFR Part 167 for PWSA established TSSs applicable to the Off New York TSS. These proposals would implement the results of the port access route study as reported in the Federal Register on December 13, 1985, (50 FR 50925).

**DATE:** Comments must be received on or before February 6, 1987.

**ADDRESS:** Comments should be submitted to Commandant (G-CMC/21) (CGD 84-004), U.S. Coast Guard, Washington, DC 20593. Comments may be delivered to and will be available for inspection and copying at the Marine Safety Council, room 2110 between the hours of 8 a.m. and 4 p.m. Monday through Friday, except holidays.

**FOR FURTHER INFORMATION CONTACT:** Lieutenant (j.g.) Daphne Reese, Project Manager, Office of Navigation (G-NSS-2), room 1606, U.S. Coast Guard Headquarters, 2100 Second St., SW., Washington, DC 20593, (202) 267-0364.

**SUPPLEMENTARY INFORMATION:** The public is invited to participate in this proposed rulemaking by submitting written views, data, or arguments. Each person submitting a comment should include his or her name and address, identify this notice as CGD 84-004, and give the reasons for the comment. Persons desiring acknowledgement that their comment has been received should enclose a stamped self-addressed postcard or envelope.

All comments received before the expiration of the comment period will be considered before final action is taken on this proposal. No public hearing is planned, but one may be held at a time and place to be set in a subsequent notice if written requests for a hearing are received and it is determined that the opportunity to make oral presentations will be beneficial to this rulemaking.

#### Drafting Information

The principal persons involved in drafting this proposed rulemaking are:

Lieutenant (j.g.) Daphne Reese, Project Manager, Office of Navigation, and Lieutenant Sandra Sylvester, Project Attorney, Office of Chief Counsel.

#### Discussion of Proposed Regulations

In 1978, the Ports and Waterways Safety Act (PWSA) was amended to authorize the Coast Guard to establish shipping safety fairways (33 U.S.C. 1223). Prior to this amendment, fairways were established by the U.S. Army Corps of Engineers (COE). Although the Coast Guard now designates the fairways, the authority to issue permits for structures remains with the COE.

A shipping safety fairway is an area of corridor of a waterway in which no fixed structures are permitted. In accordance with the PWSA, the rights of navigation is paramount over other uses in these areas. A fixed structure in a fairway would be considered an obstruction to navigation; and therefore, the COE will not issue a permit for the construction of a structure therein. The fairways exist to ensure that an obstruction free corridor is available to navigation during development and production of offshore resources. Although the proposed fairways will be indicated on navigation charts, the use of fairways by vessels is voluntary.

The authority to create a fairway may be exercised by the Coast Guard only after a study of potential traffic density and use conflicts has been conducted to determine the need for designated safe access routes for vessels proceeding to and from United States ports (33 U.S.C. 1223(c)(3)). The results of a port access route study could cause restrictions in the manner in which specific offshore areas are leased after the date of the study notice. The study for this rulemaking was initiated by a notice in the Federal Register on February 9, 1984, (49 CFR 5017) and corrected on February 22, 1984, (49 FR 6593).

The Third Coast Guard District performed the study after the Minerals Management Service (MMS) scheduled Outer Continental Shelf (OCS) lease sale 82 for May 9, 1984. The sale included blocks in the area between the existing portions of the Off New York TSS and posed a potentially significant impact on navigation.

Study Results were published in the Federal Register on December 13, 1985, (50 FR 50925). The study recommended the TSS Off New York remain as presently established; the lanes of the two sections of the TSS Off New York be connected by two new parallel fairways; and the TSS Off New York be repromulgated and published in Part 167 of Title 33 Code of Federal Regulations. The present rulemaking is intended to

implement these study recommendations.

The MMS later deleted 55% of lease sale 82 and rescheduled the lease sale for September 26, 1984. The MMS also deleted 32 affected blocks within the Third Coast Guard District study area at the request of the Coast Guard, pending completion of the present port access study off New York.

The MMS received only one bid on lease sale 82, which was returned unopened. Lease sale 82 has been cancelled. The MMS has postponed leasing in the North Atlantic until lease sale 96, scheduled for November, 1987. The MMS has identified approximately 31 blocks in their North Atlantic Planning Area and approximately 96 blocks in their Mid-Atlantic Planning Area which could be affected by the safety fairway proposed as a result of this study. At this time, it is impossible to determine what resources, if any, would be inaccessible if the fairway is established.

The original New York TSS was established in May, 1967 and was approved by the International Maritime Organization (IMO) prior to the promulgation of the PWSA.

IMO approved TSSs and precautionary areas established after the PWSA are contained in 33 CFR Part 167. For consistency among TSSs, the New York TSS, and eventually all other pre-PWSA TSSs, will be incorporated into 33 CFR Part 167 by rulemaking under the authority of the PWSA.

#### Off New York Shipping Safety Fairway

A new shipping safety fairway is proposed in the approach to New York. The proposed fairway would connect the Eastern approach, off Nantucket segment of the Off New York TSS to the Eastern approach, off Ambrose segment of the TSS. It would consist of two parallel fairways, each approximately two-miles wide, except over the final five miles at each end where they would gradually expand to connect with the five-nautical-mile-wide lanes of the existing TSS, creating a funneling effect. It would run generally east-west for approximately 130 miles and would be located approximately 10 miles offshore (at its closest point). It would affect the following blocks:

| Mid-Atlantic | No. of blocks |
|--------------|---------------|
| NK 18-12:    |               |
| 418-419      | 2             |
| 424-437      | 14            |
| 462-460      | 19            |
| 506-509      | 4             |
| 550-551      | 2             |
| 558-570      | 13            |
| 594-614      | 21            |



| Mid-Atlantic                   | No. of blocks |
|--------------------------------|---------------|
| 638-643                        | 6             |
| NK 19-10:                      |               |
| 406-423                        | 18            |
| 537-555                        | 19            |
| 581-599                        | 19            |
| Total Mid-Atlantic             | 137           |
| North Atlantic                 | No. of blocks |
| NK 19-10:                      |               |
| 392-393                        | 2             |
| 424-437                        | 14            |
| 479-481                        | 3             |
| 524-525                        | 2             |
| 556-569                        | 14            |
| 600-613                        | 14            |
| Total North Atlantic           | 49            |
| Total Atlantic Blocks Affected | 186           |

These blocks would be subject to restrictions based on this proposed rulemaking. The new fairway will provide a corridor free from fixed structures for vessel traffic in the approach to New York.

#### Regulatory Evaluation

This proposed rulemaking will not have adverse energy or environmental impact. On the contrary, the risk of environmental damage will decrease if this proposal is implemented because vessels will have an established access route where structures will not be permitted, allowing for safer maritime navigation. The Coast Guard is directed by the PWSA to anticipate development on the OCS and to reconcile the potential conflict with navigation by establishing routing measures in frequently used corridors.

The proposed fairway was designed to have the least adverse impact upon future blocks and present leaseholders. Although shipping safety fairways may interfere with direct exploration and production of oil and gas on the OCS, there is no indication that establishment of the proposed fairways will interfere with OCS development. The precise location of resources in the proposed fairways are unknown; lease sales on blocks within the fairways are uncertain; and indirect access to resources is technically feasible through most of the two-mile-wide fairway.

When there is evidence fixed structures must be placed in an area designated as a fairway to gain access to significant quantities of oil or gas, a request for an adjustment to a fairway will be given the appropriate consideration by the Coast Guard. The request will be handled in accordance with the PWSA and rulemaking procedures to determine whether navigation safety will be jeopardized by

a modification of the fairway. In most cases a fairway modification will require a PWSA port access study before rulemaking can be commenced.

The proposed shipping safety fairways will overlay traditional traffic routes and will not alter applicable navigation rules or cause any interference with fishing activities.

These proposed regulations are considered to be non-major under Executive Order 12291 and non-significant under the DOT regulatory policies and procedures (44 FR 11034; February 26, 1979). There are no costs associated with the proposed new fairways which can be identified and calculated at this time. These designations will contribute to navigation safety without interfering significantly with development of the OCS. The economic impact of this proposal has been found to be so minimal that further evaluation is unnecessary. Since the impact of this proposal is expected to be so minimal, the Coast Guard certifies that it will not have a significant economic impact on a substantial number of small entities.

#### List of Subjects

##### 33 CFR Part 166

Anchorage grounds, Marine safety, Navigation (water), Waterways, Shipping safety fairways.

##### 33 CFR Part 167

Navigation (water), Vessel, Traffic Separation Scheme.

In consideration of the foregoing, Parts 166 and 167 of Title 33, Code of Federal Regulations are amended as follows:

#### PART 166—SHIPPING SAFETY FAIRWAYS

1. The authority citation for Part 166 continues to read as follows:

Authority: 33 U.S.C. 1223; 49 CFR 1.46(n)(4).

2. Section 166.500 is added to read as follows:

##### § 166.500 Areas along the Atlantic Coast.

(a) *Purpose.* Fairways, as described in this section, are established to control the erection of structures therein to provide safe vessel routes along the Atlantic Coast.

(b) *Designated Areas.*—(1) *Off New York Shipping Safety Fairway.*

(i) *Ambrose to Nantucket Safety Fairway.* The area enclosed by rhumb lines joining points at:

| Latitude    | Longitude   |
|-------------|-------------|
| 40°32'20"N. | 73°04'57"W. |
| 40°30'58"N. | 72°58'25"W. |
| 40°34'07"N. | 70°19'23"W. |

|             |             |
|-------------|-------------|
| 40°35'37"N. | 70°14'09"W. |
| 40°30'37"N. | 70°14'00"W. |
| 40°32'07"N. | 70°19'19"W. |
| 40°28'58"N. | 72°58'25"W. |
| 40°27'20"N. | 73°04'57"W. |

(ii) *Nantucket to Ambrose Safety Fairway.* The area enclosed by rhumb lines joining points at:

| Latitude    | Longitude   |
|-------------|-------------|
| 40°24'20"N. | 73°04'58"W. |
| 40°22'58"N. | 72°58'26"W. |
| 40°28'07"N. | 70°19'09"W. |
| 40°27'37"N. | 70°13'46"W. |
| 40°22'37"N. | 70°13'36"W. |
| 40°24'07"N. | 70°19'05"W. |
| 40°20'58"N. | 72°58'26"W. |
| 40°19'20"N. | 73°04'58"W. |

#### PART 167—OFFSHORE TRAFFIC SEPARATION SCHEMES

3. The authority citation for Part 167 is revised to read as follows:

Authority: 33 U.S.C. 1223; 49 CFR 1.46(n).

4. Section 167.200 is added to read as follows:

##### § 167.200 Off New York Traffic Separation Scheme and Precautionary Areas.

The specific areas in the Off New York Traffic Separation Scheme and Precautionary Areas are described in Sections 167.201, 167.202, 167.203, 167.204, and 167.205 of this chapter.

5. Section 167.201 is added to read as follows:

##### § 167.201 Precautionary areas.

(a) A circular precautionary area with a radius of seven miles is established centered upon Ambrose Light in geographical position 40°27.50'N, 73°49.90'W.

(b) A precautionary area is established between the traffic separation scheme "Eastern Approach, off Nantucket" and the traffic separation scheme "In the Approach to Boston, Massachusetts." (1) The precautionary area is bounded to the east by a circle of radius 15.5 miles, centered upon geographical position 40°35.00'N, 69°00.00'W, and is interested by the traffic separation schemes "In the Approach to Boston, Massachusetts" and "Off New York" at the following geographic positions:

| Latitude    | Longitude   |
|-------------|-------------|
| 40°50.33'N. | 68°57.00'W. |
| 40°23.75'N. | 69°14.63'W. |

(2) The precautionary area is bounded to the west by a line connecting the two traffic separation schemes between the following geographic positions:

| Latitude    | Longitude   |
|-------------|-------------|
| 40°36.75'N. | 69°15.16'W. |
| 40°48.00'N. | 69°03.33'W. |



6. Section 167.202 is added to read as follows:

**§ 167.202 Eastern approach, off Nantucket.**

(a) A separation zone is established bounded by a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°28.75'N., | 69°14.83'W., |
| 40°27.62'N., | 70°13.77'W., |
| 40°30.62'N., | 70°14.00'W., |
| 40°31.75'N., | 69°14.97'W., |

(b) A traffic lane for westbound traffic is established between the separation zone and a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°36.75'N., | 69°15.17'W., |
| 40°35.82'N., | 70°14.15'W., |

(c) A traffic lane for eastbound traffic is established between the separation zone and a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°22.62'N., | 70°13.60'W., |
| 40°23.75'N., | 69°14.63'W., |

7. Section 167.203 is added to read as follows:

**§ 167.203 Eastern approach, off Ambrose Light.**

(a) A separation zone is established bounded by a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°24.33'N., | 73°04.97'W., |
| 40°24.20'N., | 73°11.50'W., |
| 40°26.00'N., | 73°40.93'W., |
| 40°27.00'N., | 73°40.75'W., |
| 40°27.20'N., | 73°11.50'W., |
| 40°27.33'N., | 73°04.95'W., |

(b) A traffic lane for westbound traffic is established between the separation zone and a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°32.33'N., | 73°04.95'W., |
| 40°32.20'N., | 73°11.50'W., |
| 40°28.00'N., | 73°40.73'W., |

(c) A traffic lane for eastbound traffic is established between the separation zone and a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°25.05'N., | 73°41.32'W., |
| 40°19.20'N., | 73°11.50'W., |
| 40°19.33'N., | 73°04.97'W., |

8. Section 167.204 is added to read as follows:

**§ 167.204 South-eastern approach.**

(a) A separation zone is established bounded by a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°03.10'N., | 73°17.93'W., |
| 40°06.50'N., | 73°22.73'W., |
| 40°22.45'N., | 73°43.55'W., |
| 40°23.20'N., | 73°42.70'W., |
| 40°24.20'N., | 73°04.58'W., |
| 40°08.72'N., | 73°20.10'W., |

(b) A traffic lane for north-westbound traffic is established between the separation zone and a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°06.98'N., | 73°10.87'W., |
| 40°12.42'N., | 73°15.67'W., |
| 40°24.02'N., | 73°41.97'W., |

(c) A traffic lane for south-eastbound traffic is established between the separation zone and a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°21.82'N., | 73°44.55'W., |
| 40°02.80'N., | 73°27.15'W., |
| 39°59.43'N., | 73°22.35'W., |

9. Section 167.205 is added to read as follows:

**§ 167.205 Southern approach.**

(a) A separation zone is established bounded by a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 39°45.70'N., | 73°48.00'W., |
| 40°20.63'N., | 73°48.33'W., |
| 40°20.87'N., | 73°47.07'W., |
| 39°45.70'N., | 73°44.00'W., |

(b) A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 39°45.70'N., | 73°37.70'W., |
| 40°21.25'N., | 73°45.85'W., |

(c) A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

| Latitude     | Longitude    |
|--------------|--------------|
| 40°20.53'N., | 73°48.65'W., |
| 39°45.70'N., | 73°54.40'W., |

Note: Use of LORAN C enables Masters of appropriately equipped vessels to be informed highly accurately and continuously about the vessel's position in the area covered by this scheme.

Dated: December 3, 1986.

A.B. Smith,

Captain, U.S. Coast Guard, Acting Chief,  
Office of Navigation.

[FR Doc. 86-27503 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-14-M

## ENVIRONMENTAL PROTECTION AGENCY

### 40 CFR Part 60

[AD-FRL-3100-2]

#### Standards of Performance for New Stationary Sources; Appendix A—Reference Methods; Method 16A Revision; Addition of Method 16B for the Determination of Total Reduced Sulfur Emissions From Stationary Sources

AGENCY: Environmental Protection Agency (EPA).

ACTION: Proposed Rule and Notice of Public Hearing.

**SUMMARY:** The purpose of this proposed rule is to revise Method 16A of Appendix A of 40 CFR Part 60 to include an alternative recovery gas certification procedure and to add Method 16B for use as an alternative method. The intended effect is to increase the flexibility in choice of testing procedures for performance testing at applicable sources.

A public hearing will be held, if requested, to provide interested persons an opportunity for oral presentation of data, views, or arguments concerning the proposed rule.

**DATES:** Comments. Comments must be received on or before February 23, 1987.

**Public Hearing.** If anyone contacts EPA requesting to speak at a public hearing by December 29, 1986, a public hearing will be held on January 22, 1987 beginning at 10:00 a.m. Persons interested in attending the hearing should call the contact person mentioned under ADDRESSES to verify that a hearing will be held.

**Request to Speak at Hearing.** Persons wishing to present oral testimony must contact EPA by December 29, 1986.

**ADDRESSES:** Comments. Comments should be submitted (in duplicate if possible) to: Central Docket Section (LE-131), Attention: Docket Number A-86-08, U.S. Environmental Protection Agency, 401 M Street, SW., Washington, DC 20460.

**Public Hearing.** If anyone contacts EPA requesting a public hearing, it will be held at EPA's Emission Measurement Laboratory, Research Triangle Park,



North Carolina. Persons interested in attending the hearing or wishing to present oral testimony should notify Foston Curtis, Emission Measurement Branch (MD-19), Emission Standards and Engineering Division, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711, telephone (919) 541-2237.

**Docket.** Docket No. A-86-08, containing materials relevant to this rulemaking, is available for public inspection and copying between 8:00 a.m. and 4:00 p.m., Monday through Friday, at EPA's Central Docket Section, West Tower Lobby, Gallery 1, Waterside Mall, 401 M Street, SW., Washington, DC 20460. A reasonable fee may be charged for copying.

#### FOR FURTHER INFORMATION CONTACT:

Foston Curtis or Roger Shigehara, Emission Measurement Branch, Emission Standards and Engineering Division (MD-19), U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711, telephone (919) 541-2237.

#### SUPPLEMENTARY INFORMATION:

##### I. Introduction

An alternative procedure to certify hydrogen sulfide recovery gas cylinders using the zinc acetate collection procedure with iodometric analysis is being added to Method 16A. Method 16B is being added as an alternative to Method 16 and uses gas chromatography for determining total reduced sulfur compounds after their conversion by oxidation to sulfur dioxide.

This rulemaking does not impose emission measurement requirements beyond those specified in the current regulations, nor does it change any emission standard. Rather, the rulemaking would simply add test procedures associated with emission measurement requirements that would apply irrespective of this rulemaking.

##### II. Administrative Requirements

###### A. Public Hearing

A public hearing will be held, if requested, to discuss the proposed test method in accordance with section 307(d)(5) of the Clean Air Act. Persons wishing to make oral presentations should contact EPA at the address given in the ADDRESSES section of this preamble. Oral presentations will be limited to 15 minutes each. Any member of the public may file a written statement with EPA before, during, or within 30 days after the hearing. Written statements should be addressed to the Central Docket Section address given in the ADDRESSES section of this preamble.

A verbatim transcript of the hearing and written statements will be available for public inspection and copying during normal working hours at EPA's Central Docket Section in Washington, DC (see ADDRESSES section of this preamble).

###### B. Docket

The docket is an organized and complete file of all the information submitted to or otherwise considered by EPA in the development of this proposed rulemaking. The principal purposes of the docket are: (1) To allow interested parties to identify and locate documents so that they can effectively participate in the rulemaking process and (2) to serve as the record in case of judicial review (except for interagency review materials) [section 307(d)(7)(A)].

###### C. Office of Management and Budget Review

Executive Order 12291 Review. Under Executive Order 12291, EPA must judge whether a regulation is "major" and, therefore, subject to the requirement of a regulatory impact analysis. This regulation is not major because it will not have an annual effect on the economy of \$100 million or more; it will not result in a major increase in costs or prices; and there will be no significant adverse effects on competition, employment, investment, productivity, innovation, or on the ability of U.S.-based enterprises to compete with foreign-based enterprises in domestic or export markets.

###### D. Regulatory Flexibility Act Compliance

Pursuant to the provisions of 5 U.S.C. 605(b), I hereby certify that this attached rule, if promulgated, will not have any economic impact on small entities because no additional costs will be incurred.

###### List of Subjects in 40 CFR Part 60

Air pollution control, Intergovernmental relations, Reporting and recordkeeping requirements, Incorporation by reference, Petroleum refining, and Pulp mills.

Dated: October 9, 1986.

Don R. Clay,

Acting Assistant Administrator for Air and Radiation.

#### PART 60—[AMENDED]

It is proposed that 40 CFR Part 60 be amended as follows:

1. The authority for 40 CFR Part 60 continues to read as follows:

Authority: Secs. 101, 111, 114, 116, and 301 of the Clean Air Act, as amended (42 U.S.C. 7401, 7411, 7414, 7416, 7601).

2. By revising paragraphs (d)(1) and (d)(3) of § 60.285 to read as follows:

#### § 60.285 Test methods and procedures.

\* \* \* \* \*

(d) \* \* \*

(1) Method 16 or, at the discretion of the owner or operator, Method 16A or 16B for the concentration of TRS.

\* \* \* \* \*

(3) When determining compliance with § 60.283(a)(4), use the results of Method 2, Method 16, 16A, or 16B, and the black liquor solids feed rate in the following equation to determine the TRS emission rate on an equivalent hydrogen sulfide ( $H_2S$ ) basis.

$$E = (C_{TRS})(F)(Q_{sd})/BLS$$

where:

E = Mass of TRS emitted per unit of black liquor solids, g/kg (lb/ton).

$C_{TRS}$  = Average combined concentration of TRS as determined by Method 16, 16A, or 16B during the test period, ppm.

F = 0.001417 g  $H_2S$ /m<sup>3</sup> ppm for metric units.  
= 0.08844 lb  $H_2S$ /ft<sup>3</sup> ppm for English units.

$Q_{sd}$  = Dry volumetric stack gas flow rate corrected to standard conditions, dsm<sup>3</sup>/hr (dscf/hr).

BLS = Black liquor solids feed rate, kg/hr (ton/hr).

\* \* \* \* \*

3. In Appendix A, by amending Method 16A by revising Section 7 and adding Section 8 to read as follows:

#### Appendix A—Reference Methods

\* \* \* \* \*

Method 16A—Determination of Total Reduced Sulfur Emissions From Stationary Sources (Impinger Technique)

\* \* \* \* \*

##### 7. Alternative Procedures

7.1 Determination of  $H_2S$  Content in Cylinder Gases. As an alternative to the procedures specified in Section 3.1.4, the following procedure may be used to verify the concentration of the recovery check gas. The  $H_2S$  is collected from the calibration gas cylinder and is absorbed in zinc acetate solution to form zinc sulfide. The latter compound is then measured iodometrically. The method has been examined in the range of 5 to 30 ppm. There are no known interferences to this method when used to analyze cylinder gases containing  $H_2S$  in nitrogen. Laboratory tests have shown a relative standard deviation of less than 3.5 percent. The method showed no bias when compared to a gas chromatographic method that used gravimetrically certified permeation tubes for calibration.

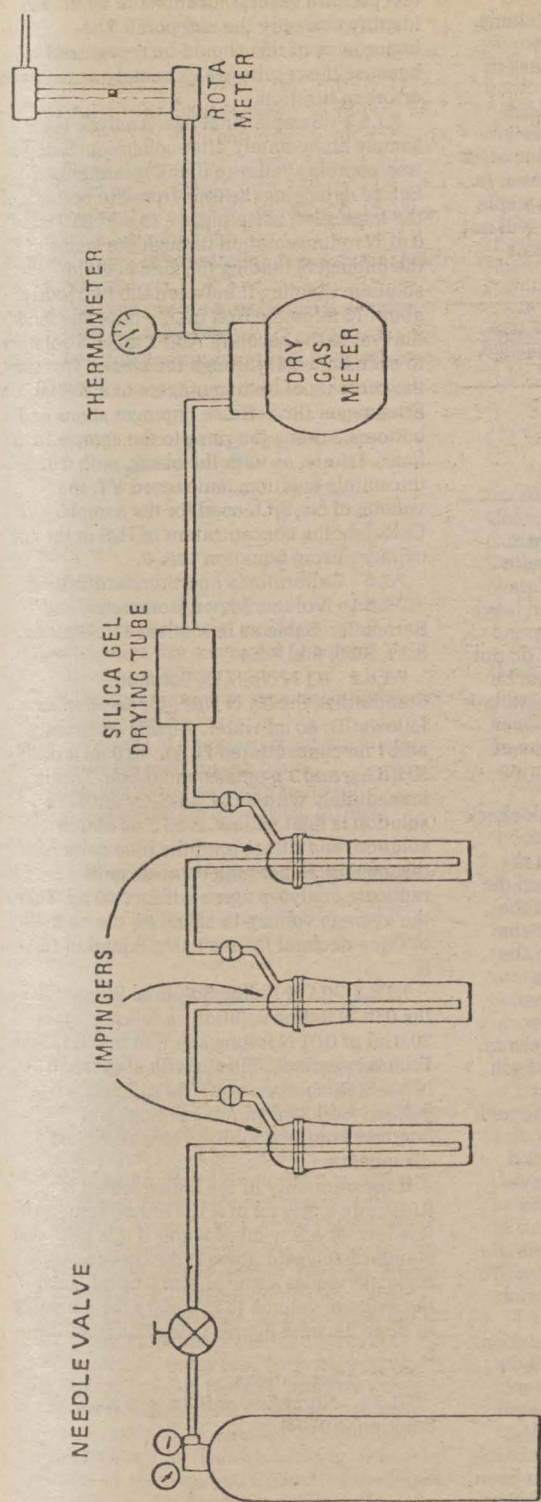
7.1.1 Sampling Apparatus. The sampling train is shown in Figure 16A-4.

7.1.1.1 Sampling Line. Teflon tubing (¼-in.) to connect the cylinder regulator to the sampling valve.

7.1.1.2 Needle Valve. Stainless steel or Teflon needle valve to control the flow rate of gases to the impingers.

BILLING CODE 6560-S0-M





7a

16A-4. Recovery check gas sampling train.

BILLING CODE 6560-50-C



7.1.1.3 Impingers. Three impingers of approximately 100-ml capacity, constructed to permit the addition of reagents through the gas inlet stem. The impingers shall be connected in series with leak-free glass or Teflon connectors. The impinger bottoms have a standard 24/25 ground glass fitting. The stems are from standard 1/4-in. ball joint midget impingers, custom-lengthened by about 1 in. When fitted together the stem end should be approximately 1/2 in. from the bottom (Southern Scientific, Inc., Micanopy, Florida, Set Number S6962-048). The third in-line impinger acts as a drop-out bottle.

7.1.1.4 Drying Tube, Volume Meter, Flowmeter and Barometer Same as in Method 11, Sections 5.1.5, 5.1.7, 5.1.8, and 5.1.10.

7.1.1.5 Cylinder Gas Regulator Stainless-steel, to reduce the pressure of the gas stream entering the Teflon sampling line to a safe level.

7.1.1.6 Graduated Cylinder, 50-ml size.

7.1.1.7 Volumetric Flask, 1-liter size.

7.1.1.8 Volumetric Pipette, 15-ml size.

7.1.2 Sample Recovery and Analysis Apparatus.

7.1.2.1 Erlenmeyer Flasks, 125- and 250-ml sizes.

7.1.2.2 Pipettes, 2-, 10-, 20-, and 100-ml volumetric.

7.1.2.3 Burette 50-ml size

7.1.2.4 Volumetric Flask 1-liter size.

7.1.2.5 Graduated Cylinder 50-ml size.

7.1.2.6 Wash Bottle

7.1.2.7 Stirring Plate and Bars.

7.1.3 Reagents, Unless otherwise

indicated, all reagents shall conform to the specifications established by the Committee on Analytical Reagents of the American Chemical Society where such specifications are available. Otherwise, use the best available grade.

7.1.3.1 Water Same as in Method 11, Section 6.1.3.

7.1.3.2 Potassium Bi-iodate [ $\text{KH}(\text{IO}_3)_2$ ] Solution, Standard 0.100 N Dissolve 3.249 g anhydrous  $\text{KH}(\text{IO}_3)_2$  in water, and dilute to 1 liter

7.1.3.3 Sodium Thiosulfate ( $\text{Na}_2\text{S}_2\text{O}_3$ ) Solution, Standard 0.1 N. Same as in Method 11, Section 6.3.1. Standardize according to Section 7.5.2.

7.1.3.4  $\text{Na}_2\text{S}_2\text{O}_3$  Solution, Standard 0.01 N. Pipette 100.0 ml 0.1 N  $\text{Na}_2\text{S}_2\text{O}_3$  solution into a 1-liter volumetric flask, and dilute to the mark with water.

7.1.3.5 Iodine Solution, 0.1 N. Same as in Method 11, Section 6.2.2.

7.1.3.6 Standard Iodine Solution, 0.01 N. Same as in Method 11, Section 6.2.3. Standardize according to Section 7.5.3.

7.1.3.7 Hydrochloric Acid (HCl) Solution, 10 Percent by Weight. Add 230 ml concentrated HCl (specific gravity 1.19) to 770 ml water.

7.1.3.8 Starch Indicator Solution. To 5 g starch (potato, arrowroot, or soluble), add a little cold water, and grind in a mortar to a thin paste. Pour into 1 liter of boiling water, stir, and let settle overnight. Use the clear supernatant. Preserve with 1.25 g salicylic acid, 4 g zinc chloride, or a combination of 4 g sodium propionate and 2 g sodium azide per liter of starch solution. Some commercial starch substitutes are satisfactory.

7.1.4 Sampling Procedure.

7.1.4.1 Selection of Gas Sample Volume. This procedure has been validated by sampling specific ranges of gas volumes in order to (a) ensure 25 to 75 percent consumption of the 20 ml of 0.01 N iodine (thus ensuring a 0.01 N thiosulfate titer of  $10 \pm 5$  ml) and (b) minimize errors associated with measuring small gas volumes. There is some evidence to suggest that using sample volumes outside the specified ranges will not produce valid results. The criteria are as follows:

| Approximate cylinder gas $\text{H}_2\text{S}$ concentration, ppm | Volume of gas sample to collect, liters |
|------------------------------------------------------------------|-----------------------------------------|
| 5 to 10 .....                                                    | 85 to 130                               |
| 10 to 15 .....                                                   | 60 to 100                               |
| 15 to 30 .....                                                   | 40 to 85                                |

7.1.4.2 Preparation of Sampling Train.

Assemble the sampling train as shown in Figure 16A-4. Place 50 ml of zinc acetate solution in the first two impingers, and leave the third one empty. Make sure the ground glass connection fittings are tight, but do not use stopcock grease. The impingers can be easily stabilized using a small cardboard box with three holes cut out as a holder. Cover the impingers with a dark cloth or piece of plastic to prevent exposure to light during sampling.

7.1.4.3 Leak-Check Procedure. Leak-check as described in Method 6, Section 4.1.2.

7.1.4.4 Sample Collection. Connect the sample line to the first impinger. Record the temperature, barometric pressure, and the initial volume reading of the dry gas meter. Keeping the needle valve closed, open the cylinder valve, and adjust the delivery pressure on the regulator to about 20 psi. Open the needle valve slowly until the flowmeter reads approximately 2 liters/min. Sample until the appropriate volume of gas has been collected (see Section 7.1.4.1).

When sampling is complete, close the tank valve, and allow the pressure to reach atmospheric. Record the temperature and final volume reading of the dry gas meter.

7.1.5 Sample Recovery and Analysis Procedure.

7.1.5.1 Blank Analysis. While the sample is being collected, run a blank as follows: To a 250-ml Erlenmeyer flask, add 100 ml zinc acetate solution, 20.0 ml 0.01 N iodine solution, and 2 ml of 10 percent HCl solution. Titrate, while stirring, with 0.01 N  $\text{Na}_2\text{S}_2\text{O}_3$  until the solution is light yellow. Add 3 ml starch solution, and continue titrating until the blue color just disappears. Record  $V_{\text{TB}}$ , the volume of  $\text{Na}_2\text{S}_2\text{O}_3$  used. Analyze a blank with each sample, as the blank titer has been observed to change over the course of a day.

Note: Iodine titration of zinc acetate solution is difficult to perform because the solution turns slightly opaque near the end point, and the disappearance of blue color is hard to recognize. Also, about 30 to 40 seconds after the titration end point is reached, a blue color may reappear in the solution. This should not be taken to mean that the original end point was in error. It is recommended that persons conducting this

test perform several titrations to be able to identify correctly the end point. The importance of this should be recognized because the results are extremely sensitive to errors in titration.

7.1.5.2 Sample Analysis. Analyze the sample immediately after collection. Sample treatment is similar to blank treatment. Before detaching the tops from the bottoms of the impingers, use a pipette to add 20.0 ml of 0.01 N iodine solution through the stems of the impingers holding the zinc acetate solution, dividing it between the two (add about 15 ml to the first in-line impinger, and the rest to the second). Add 1 ml HCl solution to each impinger through the stems. Transfer the contents of both impingers to a 250-ml Erlenmeyer flask. Rinse impinger stems and bottoms, adding the rinse to the sample in the flask. Titrate, as with the blank, with 0.01 N thiosulfate solution, and record VT, the volume of  $\text{Na}_2\text{S}_2\text{O}_3$  used for the sample. Calculate the concentration of  $\text{H}_2\text{S}$  in the gas cylinder using Equation 16A-7.

7.1.6 Calibrations and Standardizations.

7.1.6.1 Volume Meter, Rotameter, and Barometer. Same as in Method 11, Sections 8.2.1, 8.2.3, and 8.2.4.

7.1.6.2 0.1 N  $\text{Na}_2\text{S}_2\text{O}_3$  Solution. Standardize the 0.1 N  $\text{Na}_2\text{S}_2\text{O}_3$  solution as follows: To 80 ml water, stirring constantly, add 1 ml concentrated  $\text{H}_2\text{SO}_4$ , 10.0 ml 0.100 N  $\text{KH}(\text{IO}_3)_2$  and 1 g potassium iodide. Titrate immediately with 0.1 N  $\text{Na}_2\text{S}_2\text{O}_3$  until the solution is light yellow. Add 3 ml starch solution, and titrate until the blue color just disappears. Repeat the titration until replicate analyses agree within 0.05 ml. Take the average volume to calculate the normality to three decimal figures using Equation 16A-5.

7.1.6.3 0.1 N Iodine Solution. Standardize the 0.01 N iodine solution as follows: Pipet 20.0 ml of 0.01 N iodine solution into a 125-ml Erlenmeyer flask. Titrate with standard 0.01 N  $\text{Na}_2\text{S}_2\text{O}_3$  solution until the solution is light yellow. Add 3 ml starch solution, and continue titrating until the blue color just disappears.

If the normality of the iodine tested is not 0.010, add a few ml of 0.1 N iodine solution if it is low, or a few ml of water if it is high, and standardize again. Repeat the titration until replicate values agree within 0.05 ml. Take the average volume to calculate the normality to three decimal figures using Equation 16A-6.

7.1.7 Calculations.

7.1.7.1 Normality of Standard  $\text{Na}_2\text{S}_2\text{O}_3$  Solution (0.01 N).

$$N_T = \frac{1}{\text{ml } \text{Na}_2\text{S}_2\text{O}_3 \text{ Consumed}}$$

Eq. 16A-5

where:

$N_T$  = Normality of standard  $\text{Na}_2\text{S}_2\text{O}_3$  solution (0.01 N), g-eq/liter.

7.1.7.2 Normality of Standard Iodine Solution (0.01 N).



$$N_i = \frac{N_T V_T}{V_i}$$

Eq. 16A-6

where:

$N_i$  = Normality of standard iodine solution (0.01 N), g-eq/liter.

$N_T$  = Normality of standard  $\text{Na}_2\text{S}_2\text{O}_3$  solution (0.01 N), g-eq/liter.

$V_i$  = Volume of standard iodine solution (0.01 N) used, ml.

$V_T$  = Volume of standard  $\text{Na}_2\text{S}_2\text{O}_3$  solution (0.01 N) used, ml.

7.1.7.3 Concentration of  $\text{H}_2\text{S}$  in the Gas Cylinder.

$$C_{\text{H}_2\text{S}} = \frac{K_1 N_T (V_{\text{TS}} - V_T) T_m}{V_m Y K_2 P_{\text{bar}}}$$

Eq. 16A-7

where:

$P_{\text{bar}}$  = Barometric pressure at exit orifice of the dry gas meter, mm Hg.

$T_m$  = Average dry gas meter absolute temperature, °K.

$V_m$  = Dry gas volume as measured by the dry gas meter, liters.

$V_{\text{TS}}$  = Volume of standard  $\text{Na}_2\text{S}_2\text{O}_3$  solution (0.01 N) used for the blank.

$Y$  = Dry gas meter calibration factor.

$K_1$  = Conversion factor = 12025  $\mu\text{l}/\text{meq}$

$$= \frac{17.03 \text{ mg } 24.05 \text{ ml } \text{H}_2\text{S} 10^3 \mu\text{l}}{\text{meq } 34.06 \text{ mg } \text{H}_2\text{S} \text{ ml}}$$

$K_2 = 0.3858 \text{ } ^\circ\text{K}/\text{mm Hg}.$

## 8. Bibliography

1. American Public Health Association, American Water Works Association, and Water Pollution Control Federation. Standard Methods for the Examination of Water and Wastewater. Washington, D.C. American Public Health Association. 1975. p. 316-317.
2. American Society for Testing and Materials. Annual Book of ASTM Standards. Part 31: Water, Atmospheric Analysis. Philadelphia, Pennsylvania. 1974. pp. 40-42.
3. Blosser, R.O. A Study of TRS Measurement Methods. National Council of the Paper Industry for Air and Stream Improvement, Inc., New York, New York. Technical Bulletin No. 434. May 1984. 14 p.
4. Blosser, R.O., H.S. Oglesby, and A.K. Jain. A Study of Alternate  $\text{SO}_2$  Scrubber Designs Used for TRS Monitoring. A Special Report by the National Council of the Paper Industry for Air and Stream Improvement, Inc., New York, New York. July 1977.
5. Curtis, F., and G.D. McAlister. Development and Evaluation of an Oxidation/Method 6 TRS Emission Sampling Procedure. Emission Measurement Branch, Emission Standards and Engineering Division, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711. February 1980.

6. Gellman, I. A Laboratory and Field Study of Reduced Sulfur Sampling and Monitoring Systems. National Council of the Paper Industry for Air and Stream Improvement, Inc., New York, New York. Atmospheric Quality Improvement Technical Bulletin No. 81. October 1975.

7. Margeson, J.H., J.E. Knoll, and M.R. Midgett. A Manual Method for TRS Determination. Draft available from the authors. Source Branch, Quality Assurance Division, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711.

8. National Council of the Paper Industry for Air and Stream Improvement. An Investigation of  $\text{H}_2\text{S}$  and  $\text{SO}_2$  Calibration Cylinder Gas Stability and Their Standardization Using Wet Chemical Techniques. Special Report 76-06. New York, New York. August 1976.

9. National Council of the Paper Industry for Air and Stream Improvement. Wet Chemical Method for Determining the  $\text{H}_2\text{S}$  Concentration of Calibration Cylinder Gases. Technical Bulletin Number 450. New York, New York. January 1985. 23 p.

## 4. By adding Method 16B to Appendix A as Follows:

### Method 16B.—Determination of Total Reduced Sulfur Emissions From Stationary Sources

#### 1. Applicability, Principle, Range and Sensitivity, Interferences, and Precision and Accuracy

1.1 Applicability. This method is applicable to the determination of total reduced sulfur (TRS) emissions from recovery furnaces, lime kilns, and smelt dissolving tanks at kraft pulp mills, and from other sources when specified in an applicable subpart of the regulations. The TRS compounds include hydrogen sulfide ( $\text{H}_2\text{S}$ ), methyl mercaptan, dimethyl sulfide, and dimethyl disulfide.

The flue gas must contain at least 1 percent oxygen for complete oxidation of all TRS to sulfur dioxide ( $\text{SO}_2$ ).

1.2 Principle. An integrated gas sample is extracted from the stack. The  $\text{SO}_2$  is removed selectively from the sample using a citrate buffer solution. The TRS compounds are then thermally oxidized to  $\text{SO}_2$  and analyzed as  $\text{SO}_2$  by gas chromatography (GC) using flame photometric detection (FPD).

1.3 Range and Sensitivity. Coupled with a GC utilizing a 1-ml sample size, the maximum limit of the FPD for  $\text{SO}_2$  is approximately 10 ppm. This limit is expanded by dilution of the sample gas before analysis or by reducing the sample aliquot size. For sources with emission levels between 10 and 100 ppm, the measuring range can be best extended by reducing the sample size.

1.4 Interferences. The TRS compounds other than those regulated by the emission standards, if present, may be measured by this method. Therefore, carbonyl sulfide, which is partially oxidized to  $\text{SO}_2$  and may be present in a lime kiln exit stack, would be a positive interferent.

Particulate matter from the lime kiln stack gas (primarily calcium carbonate) can cause

a negative bias if it is allowed to enter the citrate scrubber; the particulate matter will cause the pH to rise and  $\text{H}_2\text{S}$  to be absorbed before oxidation. Proper use of the particulate filter, described in Section 2.1.3 of Method 16A, will eliminate this interference.

Carbon monoxide (CO) and carbon dioxide ( $\text{CO}_2$ ) have substantial desensitizing effects on the FPD even after dilution. Acceptable systems must demonstrate that they have eliminated this interference by some procedure such as eluting these compounds before the  $\text{SO}_2$ . Compliance with this requirement can be demonstrated by submitting chromatograms of calibration gases with and without  $\text{CO}_2$  in the diluent gas. The  $\text{CO}_2$  level should be approximately 10 percent for the case with  $\text{CO}_2$  present. The two chromatographs should show agreement within the precision limits of Section 1.5.

1.5 Precision and Accuracy. The GC/FPD and dilution calibration precision and drift, and the system calibration accuracy are the same as in Method 16, Sections 4.1 to 4.3.

Field tests between this method and Method 16A showed an average difference of less than 4.0 percent. This difference was not determined to be significant.

## 2. Apparatus

2.1 Sampling. A sampling train is shown in Figure 16B-1. Modifications to the apparatus are accepted provided the system performance check is met.

2.1.1 Probe, Probe Brush, Particulate Filter,  $\text{SO}_2$  Scrubber, Combustion Tube, and Furnace. Same as in Method 16A, Sections 2.1.1 to 2.1.6.

2.1.2 Sampling Pump. Leakless Teflon-coated diaphragm type or equivalent.

## 2.2 Analysis.

2.2.1 Dilution System (optional). Gas Chromatograph, Oven, Temperature Gauges, Flow System, Flame Photometric Detector, Electrometer, Power Supply, Recorder, Calibration System, Tube Chamber, Flow System, and Constant Temperature bath. Same as in Method 16, Sections 5.2, 5.4, and 5.5.

2.2.2 Gas Chromatograph Columns. With demonstrated ability to resolve  $\text{SO}_2$  and be free from known interferences.

## 3. Reagents

Same as in Method 16, Section 6, except the following:

3.1 Calibration Gas.  $\text{SO}_2$  permeation tube gravimetrically calibrated and certified at some convenient operating temperature. These tubes consist of hermetically sealed FEP Teflon tubing in which a liquefied gaseous substance is enclosed. The enclosed gas permeates through the tubing wall at a constant rate. When the temperature is constant, calibration gases covering a wide range of known concentrations can be generated by varying and accurately measuring the flow rate of diluent gas passing over the tubes. In place of  $\text{SO}_2$  permeation tubes, National Bureau of Standards traceable cylinder gases containing  $\text{SO}_2$  in nitrogen may be used for calibration. The calibration gas is used to calibrate the GC/FPD system and the dilution system.

BILLING CODE 6560-50-M



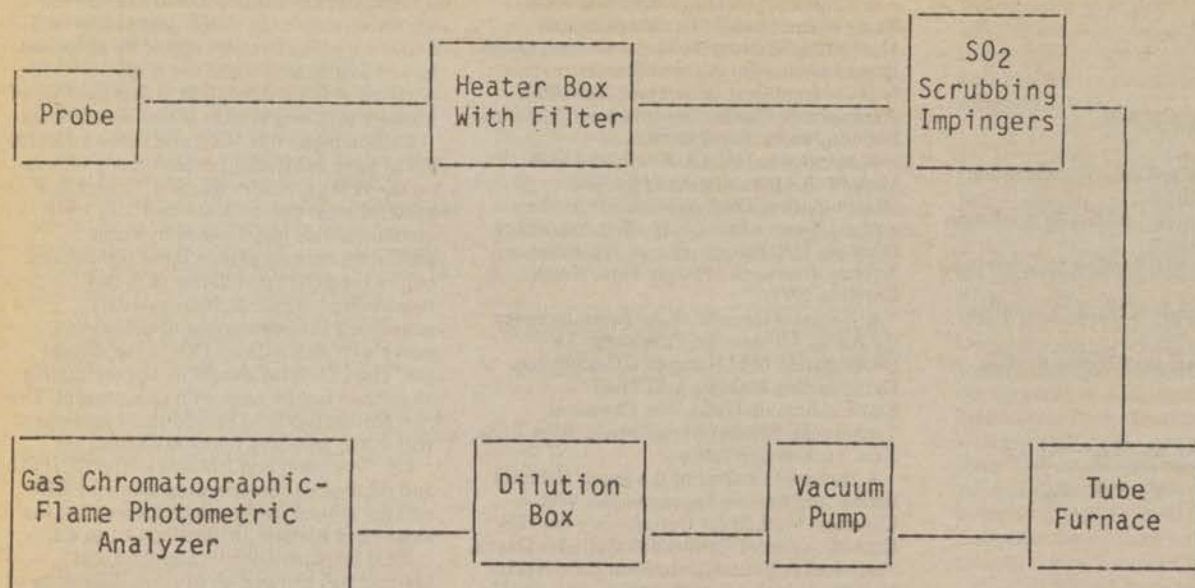


Figure 16B-1. Sampling train.

BILLING CODE 6560-50-C



3.2 Recovery Check Gas. Hydrogen sulfide (100 ppm or less) in nitrogen, stored in aluminum cylinders. Verify the concentration by Method 11, the procedure discussed in Section 7.1 of Method 16A, or gas chromatography where the instrument is calibrated with an H<sub>2</sub>S permeation tube as described below. For the wet-chemical methods, the standard deviation should not exceed 5 percent on at least three 20-minute runs.

Hydrogen sulfide recovery gas generated from a permeation device gravimetrically calibrated and certified at some convenient operation temperature may be used. The permeation rate of the device must be such that at a dilution gas flow rate of 3 liters/min, an H<sub>2</sub>S concentration in the range of the stack gas or within 20 percent of the standard can be generated.

3.3 Combustion Gas. Gas containing less than 50 ppb reduced sulfur compounds and less than 10 ppm total hydrocarbons. The gas may be generated from a clean-air system that purifies ambient air and consists of the following components: diaphragm pump, silica gel drying tube, activated charcoal tube, and flow rate measuring device. Gas from a compressed air cylinder is also acceptable.

#### 4. Pretest Procedures

Same as in Method 16, Section 7.

#### 5. Calibration

Same as in Method 16, Section 8, except SO<sub>2</sub> is used instead of H<sub>2</sub>S.

#### 6. Sampling and Analysis Procedure

6.1 Sampling. Before any source sampling is done, conduct a system performance check as detailed in Section 7.1 to validate the sampling train components and procedures. Although this test is optional, it would significantly reduce the possibility of rejecting tests as a result of failing the post-test performance check. At the completion of the pretest system performance check, insert the sampling probe into the test port making certain that no dilution air enters the stack through the port. Condition the entire system with sample for a minimum of 15 minutes before beginning analysis. If the sample is diluted, determine the precise dilution factor as in Section 8.5 of Method 16.

6.2 Analysis. Pass aliquots of diluted sample through the SO<sub>2</sub> scrubber and oxidation furnace, and then inject into the GC/FPD analyzer for analysis. The rest of the analysis is the same as in Method 16, Sections 9.2.1 and 9.2.2.

#### 7. Post-Test Procedures

7.1 System Performance Check. Same as in Method 16A, Section 4.3. Sufficient numbers of sample injections should be made so that the precision requirements of Section 4.1 of Method 16 are satisfied.

7.2 Recalibration. Same as in Method 16, Section 10.2.

7.3 Determination of Calibration Drift. Same as in Method 16, Section 10.3.

#### 8. Calculations

8.1 Nomenclature.

C<sub>SO<sub>2</sub></sub> = Sulfur dioxide concentration, ppm.

C<sub>TRS</sub> = Total reduced sulfur concentration as determined by Equation 16B-1, ppm.  
d = Dilution factor, dimensionless.  
N = Number of samples.

8.2 SO<sub>2</sub> Concentration. Determine the concentration of SO<sub>2</sub> (C<sub>SO<sub>2</sub></sub>) directly from the calibration curves. Alternatively, the concentration may be calculated using the equation for the least-squares line.

$$\text{Avg. } C_{\text{TRS}} = \frac{\sum_{i=1}^n C_{\text{TRS}}}{N}$$

#### 9. Example System

Same as in Method 16, Section 12. Single column systems using the column in Section 12.1.4.1.1 of Method 16 or a 7-ft Carbosorb B HT 100 column have been found satisfactory in resolving SO<sub>2</sub> from CO<sub>2</sub>.

#### 10. Bibliography

1. Same as in Method 16, Sections 13.1 to 13.6.

2. National Council of the Paper Industry for Air and Stream Improvement, Inc. A Study of TRS Measurement Methods. Technical Bulletin No. 434. New York, New York, May 1984. 12 p.

3. Margeson, J.H., J.E. Knoll, and M.R. Midgett. A Manual Method for TRS Determination. Draft available from the authors. Source Branch, Quality Assurance Division, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711.

[FR Doc. 86-27337 Filed 12-5-86; 8:45 am]

BILLING CODE 6560-50-M

#### 40 CFR Part 81

[A-5-FRL-3124-6]

#### Designations of Areas for Air Quality Planning Purposes; Attainment Status Designations; Ohio

AGENCY: U.S. Environmental Protection Agency (USEPA).

ACTION: Proposed rule.

SUMMARY: USEPA is proposing to revise the sulfur dioxide designation for Pierce Township in Clermont County, Ohio, from nonattainment to attainment of the National Ambient Air Quality Standard (NAAQS).

USEPA's proposed action is in response to Ohio environmental Protection Agency (OEPA) request to redesignate this area to attainment. Under the Clean Air Act, designations can be changed if sufficient data are available to warrant such change.

8.3 TRS Concentration.

$$C_{\text{TRS}} = (C_{\text{SO}_2})(d) \quad \text{Eq. 16B-1}$$

8.4 Average TRS Concentration.

$$\text{Eq. 16B-2}$$

DATE: Comments on this revision and on the proposed USEPA action must be received by January 7, 1987.

ADDRESSES: Copies of the redesignation request and the supporting air quality data are available at the following addresses:

U.S. Environmental Protection Agency, Region V, Air and Radiation Branch, 230 S. Dearborn Street, Chicago, Illinois 60604

Ohio Environmental Protection Agency, Office of Air Pollution Control, 361 East Broad Street, Columbus, Ohio 43216.

Comments on this proposed rule should be addressed to: (Please submit an original and five copies, if possible.)

Gary Gulezian, Chief, Regulatory Analysis Section, Air and Radiation Branch (5AR-26), U.S. Environmental Protection Agency, Region V, 230 South Dearborn Street, Chicago, Illinois 60604.

FOR FURTHER INFORMATION CONTACT: Debra Marcantonio, Air and Radiation Branch (5AR-26), U.S. Environmental Protection Agency, Region V, (312) 886-6088.

SUPPLEMENTARY INFORMATION: Under section 107(d) of the Act, the Administrator of USEPA has promulgated the NAAQS attainment status for each area of every State. See 43 FR 8962 (March 3, 1978) and 43 FR 45993 (October 5, 1978). These area designations may be revised whenever the data warrant.

USEPA's criteria for data that warrant redesignating an area are set out in an April 21, 1983, memorandum, "Section 107 Designation Policy Summary" from Sheldon Meyers, Director, Office of Air Quality Planning and Standards. Accordingly, SO<sub>2</sub> redesignations must be supported by:

(a) Ambient monitoring data showing no violations over the most recent consecutive eight quarters (or four



quarters if actual, commensurate, enforceable, concurrent emission reductions have also occurred).

(b) A USEPA reference modeled attainment demonstration at the SIP allowable emission limitations.

(c) Certification of compliance with the SIP limits based on the federally approved test methods.

On December 14, 1982, OEPA requested USEPA to redesignate all areas currently classified as nonattainment for SO<sub>2</sub> in Ohio to full attainment. This request was based on available ambient air quality data which have shown no violations since January 1980.

On July 17, 1984 (49 FR 28838), USEPA proposed action on the State's request. In the notice, USEPA proposed to disapprove the redesignation of Pierce Township, Clermont County, due to the lack of current compliance data for the Cincinnati Gas and Electric Company (CG&E), Beckjord Generating Station. In response to the notice of proposed rulemaking, CG&E submitted results of a recent stack test for its Beckjord plant and requested that Clermont County be designated attainment.

The stack tests demonstrate compliance with the SIP emission limits for Units 1-4 (1.84 lbs/MMBTU) and Units 5-6 (7.18 lbs/MMBTU) and the coal burned during the tests is representative of the current coal supply. Consequently, these compliance data, together with the modeled attainment demonstration for the SIP limits and the available monitored data over eight quarters showing no violations, support redesignation to full attainment.

OEPA has reviewed the CG&E Beckjord Station for consistency with USEPA's Stack Height Rules (50 FR 27892). Because all stacks and units were in existence prior to December 31, 1970, Beckjord is not subject to the Stack Height Rules.

Therefore, USEPA is reproposing to designate Pierce Township to attainment for sulfur dioxide based on: (a) Ambient monitoring data showing no violations during the most recent eight quarters (i.e., 1984-1985); (b) USEPA modeled attainment demonstration of the SIP allowable emission limitations; and (c) certification of compliance with the SIP based on a stack test. In addition, USEPA has determined that the redesignation is consistent with the Stack Height Rules.

All interested persons are invited to submit written comments on the proposed redesignation. Written comments received by the date specified above will be considered in determining whether USEPA will approve the

redesignation. After review of all comments submitted, the Administrator of USEPA will publish in the *Federal Register* the Agency's final action on the redesignation.

Under 5 U.S.C. Section 605(b), the Administrator has certified that redesignations do not have a significant economic impact on a substantial number of small entities (See 46 FR 8709).

The Office of Management and Budget has exempted this rule from the requirements of section 3 of Executive Order 12291.

Authority: 42 U.S.C. 7401-7642.

Dated: October 22, 1986.

Robert Springer,

Acting Regional Administrator.

[FR Doc. 86-27495 Filed 12-5-86; 8:45 am]

BILLING CODE 6560-50-M

#### 40 CFR Parts 414 and 416

[OW-FRL-3123-3]

#### Organic Chemicals and Plastics and Synthetic Fibers; Point Source Category Effluent Limitations Guidelines Pretreatment Standards; and Standards of Performance for New Sources

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Notice of Availability and Request for Comments.

**SUMMARY:** The EPA proposed regulations on March 21, 1983, under the Clean Water Act ("Act") to limit effluent discharges to waters of the United States and the introduction of pollutants into publicly owned treatment works from organic chemicals, plastics, and synthetic fibers (OCPSF) manufacturing facilities (48 FR 11828). The Agency extended the comment period on these regulations from June 19, 1983 to August 3, 1983 (48 FR 24138). On July 17, 1985, EPA published a Notice of Availability for public review and comment concerning technical and economic data and related documentation at 50 FR 29068. The Agency extended the comment period on this notice from October 15, 1985 to December 16, 1985, corrected some information that appeared in the supporting record, and provided additional information regarding regulatory options and technical and economic methodologies.

Today, EPA is making available for public review and comment information concerning the following: (1) Possible alternative requirements for small plants with respect to best available technology economically achievable (BAT) limitations and pretreatment

standards for existing sources (PSES) for toxic pollutants, (2) a revised subcategorization methodology to be used for final best practicable control technology currently available (BPT) limitations, (3) use of qualitative information in EPA's POTW pass-through analysis, and (4) miscellaneous technical changes and new data. Information concerning these topics appears in the supplementary information section and in the record supporting this notice. EPA is also clarifying previous statements made concerning the applicability of the final OCPSF regulations.

EPA is soliciting comments only on the new information and analyses being made available today. The previous proposal and two notices cited above have afforded many significant opportunities for public input into the OCPSF regulatory development process. An opportunity for public comment has already been provided on all matters except those on which comment is solicited today. At present, EPA is working to promulgate the final regulations as soon as possible. Therefore, members of the public should limit their comments to the new information and analyses covered by this notice.

Due to the need to obtain public comment on the new information as well as other factors, EPA will be unable to promulgate the final OCPSF regulations by December 31, 1986, as required by the most recent court order in *Natural Resources Defense Council v. Train*, 8 ERC 2120 (D.D.C. 1976), as modified. EPA will file a motion requesting that the Court grant an extension of this deadline in the very near future.

**DATES:** Comments must be submitted on or before February 6, 1987.

**ADDRESS:** Comments may be mailed to E.H. Forsht, Industrial Technology Division (WH-552), U.S. Environmental Protection Agency, 401 M Street, SW., Washington, DC 20460, Attention: ITD Docket Clerk, Organic Chemicals, Plastics and Synthetic Fibers (OCPSF) Rules; or delivered to the Docket Clerk, Room 911, East Tower, Waterside Mall, between the hours of 9:00 a.m. and 4:00 p.m. The Agency requests that commenters submit their comments and supporting documentation in triplicate. The supplementary information and data received and the revised technical and economic data evaluation summaries will be available for inspection and copying at the EPA Public Information Reference Unit, Room 2402 (Rear), Waterside Mall, 401



M Street, SW., Washington, DC 20460. The EPA information regulations (40 CFR Part 2) provide that a reasonable fee may be charged for copying.

**FOR FURTHER INFORMATION CONTACT:**

E.H. Forsht (202) 382-7190 for information regarding the technical data, and Mark Luttner (202) 382-5397 for information regarding the economic data. Copies of the draft small business impact analysis may be obtained by writing or calling Mr. Mark Luttner, Analysis and Evaluation Division (WH-566), U.S. EPA, 401 M Street, SW., Washington, DC 20460.

**SUPPLEMENTARY INFORMATION:**

**Organization of This Notice**

**I. Overview**

**II. Purpose of This Notice**

**III. Specific Changes to the Proposed Regulations**

- A. Alternative BAT Limitations and PSES for Small Plants
  - B. A Revised Subcategorization Methodology to Be Used in Establishing BPT Limitations
  - C. Use of Qualitative Information in the POTW Pass-Through Analysis
  - D. Miscellaneous Technical Changes
- IV. Clarification of the Applicability of the OCPSF Regulations**

**I. Overview**

EPA proposed effluent limitations guidelines and standards for the OCPSF point source category on March 21, 1983 at 48 FR 11828. Following a review and analysis of the comments and data provided in response to this proposal, the Agency published a notice of availability and request for comments at 51 FR 29068 on July 17, 1985. In this notice, the Agency discussed the technology options it was considering as the basis for final best practicable control technology currently available (BPT), best conventional pollutant control technology (BCT), best available technology economically achievable (BAT), pretreatment standards for existing sources (PSES), pretreatment standards for new sources (PSNS), and new source performance standards (NSPS) regulations for the OCPSF categories; a BPT subcategorization scheme different from the proposed scheme; changes in the engineering costing methodology; additions to and modifications of the existing data base; the revised treatment effectiveness data base and data editing rules; and the revised methodology for determining economic impacts. In addition, the Agency presented numerical concentration limitations and standards associated with the various technology options being considered as the basis for final limitations and standards for BPT, BAT, and PSES. The purposes of

that notice were to respond, in part, to some of the major issues raised in comments on the proposal, to provide an opportunity to comment on significant additions to the data base, and to elicit additional comments and data concerning the new approaches presented therein. On October 11, 1985, the Agency published a second notice extending the end of the comment period on the first notice to December 16, 1985 and providing additional supplementary information.

**II. Purpose of This Notice**

Following a review of the comments and data provided in response to the July 17 and October 11, 1985 notices, EPA has been completing its analyses, selecting final regulatory approaches, and working toward the goal of promulgating a final rule. In the course of conducting these activities, EPA has identified several issues or approaches for which it believes an opportunity for public comment should be provided. Each of these will be discussed in the next section of this notice. Support for these changes can be found in the public record for this notice.

**III. Specific Changes to the Proposed Regulations**

**A. Alternative BAT Limitations and PSES for Small Plants**

**1. Introduction**

In the June 1985 Economic Impact Analysis and the July and October 1985 Federal Register notices, the Agency stated that some small plants would be significantly affected by the regulations and that some regulatory relief might be required to assure that the final regulation is economically achievable as required by the Act. In the October Federal Register notice, EPA briefly outlined a three-step analysis it would perform to determine whether alternative regulatory levels are warranted based on small plant impacts. As a result of comments the Agency modified the analysis methodology and subsequently performed additional evaluations described in the following sections which set forth alternative requirements for small plants currently being considered by EPA. The small business analysis is contained in the record or can be obtained by writing to Mr. Mark Luttner.

**2. Summary of Small Business Analysis**

*a. Methodological Issues.* EPA has prepared a small business analysis as required by the Regulatory Flexibility Act. The first step in the small business analysis identified the small businesses most likely to be affected by this

regulation. For the purposes of this analysis, a small business is defined as a plant shipping less than \$15 million of OCPSF products annually. These products are included in the U.S. Department of Commerce Bureau of Census Standard Industrial Classification (SIC) codes described in Section IV of this notice. The specific products and product groups are listed in Section IV K of the July 17, 1985 Notice (50 FR 29091 to 29094) and reflect the processes evaluated as part of this rulemaking effort. The Agency has run a statistical regression of a measure of plant viability (after-treatment discounted cash flow divided by the liquidation value) versus a plant's OCPSF value of shipments in order to determine the point, in terms of size, at which the impacts of the regulations are significant. This analysis indicated that the break point (i.e., the point at which small plants are more severely impacted than large plants) is approximately \$15 million in annual shipments. (Readers should note that while this \$15 million figure was used as a starting point for the analysis, it may not be used in the regulation to define a class of small plants subject to alternative requirements. As discussed below, EPA is primarily considering a production-size cutoff for that regulatory purpose.)

Three impact measures are used in the small business analysis to identify significantly impacted plants: (1) Annual treatment costs greater than five percent of a plant's OCPSF sales; (2) a greater than 25 percent reduction in profitability (assuming no cost pass-through), and (3) a predicted plant or product line closure. A fourth possible measure, which was described in the July 1985 notice, was the percentage increase in total plant production costs created by the regulation. This measure was not used because the available plant production cost data were not sufficiently reliable to use for this purpose.

The predicted extent of closures is the standard impact measure employed in effluent guidelines economic analyses to indicate the economic achievability of regulations. The closure test used in this analysis consists of a discounted cash flow analysis that compares each plant's post-treatment cash flow, discounted to present value, to the plant's liquidation value. If the liquidation value exceeds the discounted cash flow a closure is predicted. Other measures, such as financial tests, are also developed and considered by the Agency. The costs-to-sales and profit measures used here reflect impacts in addition to closure, the most extreme economic impact. These measures describe less



immediate, but potentially very significant long-term effects on the industry resulting from the OCPSF regulations. These latter two measures serve as proxies for a detailed analysis of the long-term viability of the domestic OCPSF industry. A full description of the rationales for the small business definition and the measures of impact are presented in the draft small business analysis.

**b. Summary of Small Business Analysis Results.** The second step in the small business analysis was to evaluate factors common to the affected plants. The purpose of this step was to determine whether common factors existed among the population of significantly affected plants that could be used as the basis for structuring alternative requirements so as to mitigate small business impacts. Three factors were found to best segment the affected population: (1) Discharge status (direct or indirect), (2) total pounds of OCPSF production, and (3) type of OCPSF production. An evaluation showed that neither plant age nor the OCPSF process wastewater flow were useful common factors for efficiently mitigating small business impacts because they would also result in exempting many plants that were not significantly affected.

A summary of the results of this analysis is contained in the following sections of this notice.

**i. Direct Dischargers.** Several regulatory options were evaluated with respect to impacts upon both small and large direct dischargers. Brief descriptions of these options are as follows:

BPT I—Biological treatment only

BPT II—Biological treatment plus polishing ponds

BAT II—Biological treatment plus in-plant physical/chemical controls; or physical/chemical treatment for plants without biological treatment

The following discussion refers to the above options for illustrative purposes. These options are among those being considered by the Agency. The Agency has not completed final options selection. The full analysis contains results from the evaluations involving a wider range of options including those presented in the July 1985 Notice.

EPA's analysis for direct dischargers shows significant differences in impacts between small and large plants (Table 1). At both the BPT and BAT option levels presented, a large number of small plants are significantly affected according to the three impact criteria described previously. Under the options BPT I and BPT II, 20 and 22 of the 32

small direct discharging plants analyzed, respectively, would be significantly affected and seven and eight small plants or product lines, respectively, would be expected to close. By contrast, of the 184 large plants analyzed, only one plant would be significantly affected under either BPT option, and no closures would occur in this group.

The results including the cumulative effect of BPT and BAT compliance are similar. Assuming compliance with both sets of regulations, a total of 39 of the 45 small plants analyzed (87 percent) would be significantly affected, an increase of 17 plants over the impacts at BPT II. Plant and product line closures also rise, with only eight plants experiencing closures at BPT II (4 plants/4 product lines), while a total of 19 small plants are predicted to close at BAT II (11 plants/8 product lines).

For the large plants, compliance with both BPT and BAT increases the impacts, although the level of impacts is considerably less than for small plants. Thirty-seven of the 239 plants (16 percent) would be significantly affected, and only one plant is expected to close.

In summary, a high percentage of the small direct dischargers appear to be significantly affected while the large plants do not, as a class, seem to be significantly affected.

**ii. Indirect Dischargers.** The analysis for the indirectly discharging plants is more complicated because a significantly larger number and percentage of these plants are defined as small and the number of regulatory options is greater. The regulatory options illustrated in this notice are as follows:

**PSIES I—Controls 41 pollutants deemed to pass through POTWs based on the use of qualitative POTW information and a five percent difference in POTW and BAT performance (see Section III C of today's notice);**

**PSIES II—Controls 63 pollutants deemed to pass through POTWs based on assuming pass through in the absence of quantitative POTW data and retaining the five percent differential; and**

**PSIES IV—Controls 56 pollutants, of which 49 are deemed to pass through POTWs based on the use of qualitative POTW information and eliminating the five percent differential and seven are deemed to interfere with or pass through POTWs due to volatilization.**

**PSIES V(a)—Controls only 31 non-volatile pollutants deemed to pass through but excludes phenol, anthracene and phenanthrene. (see**

the alternate pass through methodology discussed in Section III C of today's notice).

The results of the analysis of impacts for these regulatory options are shown in Table 2. The initial analysis began with the options PSIES I, PSIES II and PSIES IV. While each of these options would nominally regulate a different set of priority pollutants, they would result in the use of similar treatment methods and thus impose nearly identical costs and economic impacts. The analysis shows that 116 of 189 of the small indirect plants would be significantly affected (61 percent). Thirty-one small plants (16 percent) would experience some kind of closure (14 plants and 17 product lines). The large indirect plants would be much less affected, with only 58 of the 174 plants significantly affected (33 percent), and only four plant closures are estimated among large plants.

In addition, PSIES option V(a) was evaluated and reduced impacts resulted without plant exemptions.

The Agency solicits comment on all aspects of the small business analysis. In particular, the Agency requests comment on the three measures used to determine significant economic impacts, the analysis that identifies small plants as those with annual OCPSF shipments less than \$15 million, and the parameters used to segment the affected small plants (discharge status, pounds of OCPSF production, and type of OCPSF production). The Agency also solicits plant specific information on small business production lines or products which may be impacted by these regulations.

TABLE 1.—SUMMARY OF SMALL BUSINESS ANALYSIS FOR DIRECT DISCHARGERS

|                                              | Small plants <sup>1</sup> | Large plants |
|----------------------------------------------|---------------------------|--------------|
| Total Plants Analyzed—BPT <sup>2</sup> ..... | 32                        | 184          |
| <b>BPT I:</b>                                |                           |              |
| Significantly Affected <sup>3</sup> .....    | 20                        | 1            |
| Plant Closures.....                          | 4                         | 0            |
| Product Line Closures.....                   | 3                         | 0            |
| <b>BPT II:</b>                               |                           |              |
| Significantly Affected.....                  | 22                        | 1            |
| Plant Closures.....                          | 4                         | 0            |
| Product Line Closures.....                   | 4                         | 0            |
| Total Plants Analyzed—BAT.....               | 45                        | 239          |
| <b>BAT II:</b> <sup>4</sup>                  |                           |              |
| Significantly Affected.....                  | 39                        | 37           |
| Plant Closures.....                          | 11                        | 1            |
| Product Line Closures.....                   | 8                         | 0            |

<sup>1</sup> Small Plants are defined as those with less than \$15 million annually in OCPSF shipments.

<sup>2</sup> The difference in plant counts shown for BPT and BAT stems from the fact that the analysis focused on those plants that incur costs. Fewer plants incur costs for BPT control compared to BAT control.

<sup>3</sup> Significantly affected plants are those incurring one or more of the following measures:

a. plant or product line closure;  
b. annual treatment costs of the option greater than five percent of a plant's OCPSF sales;  
c. a greater than 25 percent reduction in profitability (assuming no cost pass through).

<sup>4</sup> Figures reported for BAT II include impacts of BPT II.



TABLE 2.—SUMMARY OF SMALL BUSINESS ANALYSIS FOR INDIRECT DISCHARGERS

|                                                  | Small plants <sup>1</sup> | Large plants |
|--------------------------------------------------|---------------------------|--------------|
| Total Plants Analyzed.....                       | 189                       | 174          |
| PSES I, II, IV:                                  |                           |              |
| Significantly Affected Plants <sup>2</sup> ..... | 116(61%)                  | 58(33%)      |
| Plant Closures.....                              | 14                        | 4            |
| Product Line Closures.....                       | 17                        | 0            |
| PSES VI(a):                                      |                           |              |
| Significantly Affected Plants <sup>2</sup> ..... | 85                        | 28           |
| Plant Closures.....                              | 7                         | 1            |
| Product Line Closures.....                       | 11                        | 0            |

<sup>1</sup> Small plants are defined as those with less than \$15 million annually in OCPSP shipments.

<sup>2</sup> Significantly affected plants are those incurring one or more of the following measures:

- a. plant or product line closure;
- b. annual treatment costs of the option greater than five percent of a plant's OCPSP sales;
- c. a greater than 25 percent reduction in profitability (assuming no cost pass through).

c. *Evaluation of Alternative Requirements for Small Plants*—i. *Direct Dischargers.* The Agency considered less stringent regulatory approaches for some direct dischargers with respect to both BPT and BAT requirements. A summary of the results of the analysis of alternative levels of regulation for small businesses is shown in Table 3. In evaluating the options, EPA reviewed the quantity of pollutants that would remain untreated, the extent to which partial relief from the regulatory requirements would mitigate the impacts, and the overall economic achievability of the regulations. The Agency is not giving further consideration to reducing BPT requirements, despite the existence of some small business impact at BPT, because of the significant current discharges of pollutants from the small plants. For example, an exemption for OCPSP plants with less than 15 million pounds annual production from the BPT (and therefore BAT) guidelines could lead to 21.8 million pounds per year of conventional pollutants and 55 thousand pounds per year of priority pollutants being discharged without additional control by national effluent limitations guidelines.

Three alternative small-plant-cutoff levels have been evaluated for reduced BAT requirements (i.e., BAT-BPT). The basis for the cutoffs is annual production levels of OCPSP products, as defined in the scope of the regulation. The alternative levels are 10, 15, and 30 million pounds annually.

Tables 4 and 5 present the result of alternative cutoffs linked to plant size in terms of value of shipments. Table 4 presents the results for small plants while Table 5 presents the results for large plants. As can be noted, the effectiveness and efficiency of each cutoff level varies. The Agency is giving primary consideration to a 15 million pound cutoff.

Under the 10 million pound level, 24 of the 30 plants with less stringent BAT requirements are small (80 percent) and six are large. All of the 24 small plants are significantly affected (Table 4). Five of the six large plants with less stringent BAT requirements, however, are not significantly affected (Table 5).

Under the 15 million pound cutoff, more small plants that are significantly affected would be eligible for less stringent BAT requirements, but a few more large plants would also fall under the cutoff. Twenty-eight of the 41 plants under the 15 million pound cutoff are small (69 percent) while 13 are large plants.

The small plants experience minimal change in impact under the 30 million cutoff because only one additional product line closure is captured. At this production level cutoff, small plants represent a smaller percent of the total plants with less stringent BAT requirements compared to the percentage at the 15 million pound cutoff (58 percent vs. 69 percent).

Although small plants represent 80 percent of the total plants with less stringent BAT requirements under the 10 million pound cutoff, the Agency believes the 15 million pound cutoff may be more appropriate because a larger number of small plants which are significantly affected are eligible for reduced BAT control without resulting in significant levels of priority pollutant discharges.

EPA requests comment on the use of the production criterion as the basis for establishing small business alternative requirements. In particular, the Agency requests comment on the 15 million pound annual production volume cutoff for direct dischargers. We also request comment on whether this alternative requirement should be further limited to plants with less than \$15 million in annual OCPSP shipments and to plants not owned by larger firms (see section III(A)(2)(d)) or to single plant firms.

ii. *Indirect Dischargers.* The analysis of industry-wide production based cutoffs for indirect dischargers shows that a large number of plants (both small and large) not incurring significant impacts would be eligible for less stringent requirements. Therefore, plant cutoffs for indirect dischargers focused on product groups in which the impacts on small plants were relatively great. Two product groups, plastics and organics, best identified populations of plants in which adverse impacts were concentrated among small plants. The plastics group consists of plants with greater than 80 percent of their OCPSP production defined as "plastic" and

includes the thermoplastics, thermosets, and integrated plastics product groups. The organics group consists of plants with greater than 80 percent of their OCPSP production defined as "organic chemical" and includes the "Part A" organics, and the bulk, commodity, specialty and integrated organics product groups.

The small business analysis contained in the record presents the results of the analyses of the effect of various production level cutoffs for these product groups. Table 6 summarizes this analysis for a single production level cutoff for the product groups.

The "plastics" analysis assesses impacts for less stringent requirements for large and small plants at annual production level cutoffs ranging from 10 to 30 million pounds, while the "organics" analysis presents impacts for annual production level cutoffs ranging from 1 to 10 million pounds.

Wastewater effluent reductions at these cutoff levels are also considered. Cutoff levels of 15 million pounds for plastics and 1.5 million pounds for organics (Table 6) were most efficient in terms of reducing small plant impacts without resulting in significant incremental releases of pollutants. It also results in only three large plants that do not experience significant economic impacts eligible for less stringent requirements. The 15 million pound cutoff for the plastics group reduces the small plant impacts for the group by about two-thirds, yet excludes only 1.8 percent of toxic water effluent loadings. The 1.5 million pound cutoff for the organics group also reduces small plant impacts in this group by about two-thirds. This cutoff would also affect 15 plants not experiencing impacts (one large and 14 small). The 1.5 million pound cutoff is preferable to the Agency because it maximizes the number of small plants with less stringent requirements without capturing a disproportionate number of larger plants capable of installing treatment without incurring significant economic impacts. (see the small business analysis)

After the analysis focused on the 15 and 1.5 million pound production level cutoffs and complete exemption from PSES I, II and IV, the Agency considered alternatives to outright exemptions for these plants (see Table 7). PSES VI(a) would require plants to comply with standards for metals only and PSES VI (b) would require plants to control metals and cyanide only. (For Options VI(a) and (b), plants under the 15 million and 1.5 million pound annual production level cutoffs that do not have metals and cyanide in their wastewaters would be



considered for exemption from all PSES limitations.) A summary of the estimated impacts on small plants for these options is shown in Table 7.

EPA is now requesting comment on the following cutoff levels for plants with specific types of production:

(1) Plants with greater than 80 percent of their OCPSF production defined as "plastic" and with total annual OCPSF production less than 15 million pounds;

(2) Plants with greater than 80 percent of their OCPSF production defined as "organic chemical" and with a total annual OCPSF production less than 1.5 million pounds.

As with direct dischargers, we are also requesting comments on whether these reduced requirements should be limited to plants with less than \$15 million in annual OCPSF shipments in addition to production cutoff levels and to plants not owned by large firms or to single plant firms. EPA also requests comment on the feasibility of requiring plants under these cutoff levels to control metals or metals and cyanide.

iii. New Sources. The alternative options for small plants are intended to apply only to existing sources. The Agency requests comment on whether any small plant alternative requirements should be extended to new source regulations.

TABLE 3.—EFFECTS OF SMALL PLANT PRODUCTION CUTOFF FOR DIRECT DISCHARGERS DUE TO LESS STRINGENT BAT REQUIREMENTS

|                                                                                                         | Annual OCPSF Production (million lbs.) |           |           |
|---------------------------------------------------------------------------------------------------------|----------------------------------------|-----------|-----------|
|                                                                                                         | <10                                    | <15       | <30       |
| Total plants with less stringent requirements..                                                         | 30                                     | 41        | 52        |
| Small plants <sup>1</sup> :                                                                             |                                        |           |           |
| With less stringent requirements.....                                                                   | 24                                     | 28        | 30        |
| Without less stringent requirements.....                                                                | 21                                     | 17        | 15        |
| Large plants:                                                                                           |                                        |           |           |
| With less stringent requirements.....                                                                   | 6                                      | 13        | 22        |
| Without less stringent requirements.....                                                                | 233                                    | 226       | 217       |
| OCPSF production at plants with less stringent requirements (million lbs./yrs.) (percent of total)..... | 121 (0.07)                             | 255 (0.1) | 517 (0.3) |
| Conventional pollutant discharges uncontrolled: 1,000,000 lb/yr (percent of total):                     |                                        |           |           |
| Current <sup>2</sup> .....                                                                              |                                        | 21.8 (12) | 1.8 (2.8) |
| After BPT <sup>3</sup> .....                                                                            |                                        |           |           |
| Toxic pollutant discharges uncontrolled: 1,000 lb/yr (percent of total):                                |                                        |           |           |
| Current <sup>2</sup> .....                                                                              |                                        | 55 (3.3)  | 59 (3)    |
| After BPT <sup>3</sup> .....                                                                            | 19 (1)                                 | 29 (2)    | 59 (3)    |

<sup>1</sup> Small plants are defined as those with less than \$15 million annually.

<sup>2</sup> Discharge based on current in-place treatment. For toxics the removal is based upon estimated incidental removal by BPT technology.

<sup>3</sup> Discharge after compliance with BPT control.

TABLE 4.—EFFECTS OF PRODUCTION CUTOFF ON SMALL <sup>1</sup> DIRECT DISCHARGERS DUE TO LESS STRINGENT BAT REQUIREMENTS

|                                                     | Annual OCPSF production (million lbs.) |     |     |
|-----------------------------------------------------|----------------------------------------|-----|-----|
|                                                     | <10                                    | <15 | <30 |
| Total small plants:                                 |                                        |     |     |
| With less stringent requirements.....               | 24                                     | 28  | 30  |
| Without less stringent requirements.....            | 21                                     | 17  | 15  |
| Impacts mitigated by alternative requirements       |                                        |     |     |
| Small plants with less stringent requirements:      | 24                                     | 28  | 30  |
| Significant economic impact other than closure..... | 13                                     | 14  | 14  |
| Plant closure.....                                  | 7                                      | 8   | 8   |
| Product line closure.....                           | 4                                      | 5   | 5   |
| No economic impact.....                             | 0                                      | 1   | 2   |
| IMPACTS NOT MITIGATED                               |                                        |     |     |
| Small plants without less stringent requirements:   | 21                                     | 17  | 15  |
| Significant economic impact other than closure..... | 7                                      | 6   | 6   |
| Plant closure.....                                  | 4                                      | 3   | 3   |
| Product line closure.....                           | 4                                      | 3   | 2   |
| No economic impact.....                             | 6                                      | 5   | 4   |

<sup>1</sup> Small plants are defined as those with less than \$15 million annually in OCPSF shipments.

TABLE 5.—EFFECT OF PRODUCTION CUTOFF ON LARGE <sup>1</sup> DIRECT DISCHARGERS DUE TO LESS STRINGENT BAT REQUIREMENTS

|                                                     | Annual OCPSF production (million lbs.) |     |     |
|-----------------------------------------------------|----------------------------------------|-----|-----|
|                                                     | <10                                    | <15 | <30 |
| Total large plants:                                 |                                        |     |     |
| With less stringent requirements.....               | 6                                      | 13  | 22  |
| Without less stringent requirements.....            | 233                                    | 226 | 217 |
| Impacts mitigated by alternative requirements       |                                        |     |     |
| Large plants with less stringent requirements:      | 6                                      | 13  | 22  |
| Significant economic impact other than closure..... | 1                                      | 3   | 7   |
| No economic impact.....                             | 5                                      | 10  | 15  |
| IMPACTS NOT MITIGATED                               |                                        |     |     |
| Large plants without less stringent requirements:   | 233                                    | 226 | 217 |
| Significant economic impact other than closure..... | 35                                     | 33  | 29  |
| Plant closure.....                                  | 1                                      | 1   | 1   |
| Product line closure.....                           | 0                                      | 0   | 0   |
| No economic impact.....                             | 197                                    | 192 | 187 |

<sup>1</sup> Large plants are defined as those with more than \$15 million annually in OCPSF shipments.

TABLE 6.—PLANTS SUBJECT TO LESS STRINGENT PSES REQUIREMENTS BASED ON SELECTED CUTOFF LEVELS

|                                                 | Plastics <15 million pounds <sup>1</sup> | Organic chemicals <1.5 million pounds <sup>2</sup> | Plants other than plastics or organics <sup>3</sup> | Total indirects |
|-------------------------------------------------|------------------------------------------|----------------------------------------------------|-----------------------------------------------------|-----------------|
| Total plants.....                               | 127                                      | 188                                                | 48                                                  | 363             |
| Plants with less stringent requirements.....    | 50                                       | 47                                                 |                                                     | 97              |
| Small.....                                      | 47                                       | 46                                                 |                                                     | 93              |
| Large.....                                      | 3                                        | 1                                                  |                                                     | 4               |
| Plants without less stringent requirements..... | 77                                       | 141                                                | 48                                                  | 266             |
| Small.....                                      | 24                                       | 50                                                 | 22                                                  | 96              |
| Large.....                                      | 53                                       | 91                                                 | 26                                                  | 170             |

<sup>1</sup> Plants with greater than 80 percent of their OCPSF production defined as "plastics" (Thermosets, Thermoplastics, Integrated Plastics) and with total annual OCPSF production less than 15 million pounds.

<sup>2</sup> Plants with greater than 80 percent of their OCPSF production defined as "organic chemical" (Part A Organics, Specialty Organics, Bulk Organics, Commodity Organics, Integrated Organics) and with a total annual OCPSF production less than 1.5 million pounds.

<sup>3</sup> There are 48 plants (22 small and 26 large) which do not qualify for any kind of exemption based on the "plastics" and "organics" definitions presented.

TABLE 7.—SUMMARY OF SMALL BUSINESS IMPACTS FOR INDIRECT DISCHARGERS AND MITIGATION EFFECTS UNDER ALTERNATIVE REQUIREMENTS

|                                                              | Small plants <sup>1</sup> | Large plants |
|--------------------------------------------------------------|---------------------------|--------------|
| Total plants analyzed.....                                   | 189                       | 174          |
| Impacts at options I, II, IV:                                |                           |              |
| Significantly affected plants <sup>2</sup> .....             | 116                       | 58           |
| Plant closures.....                                          | 14                        | 4            |
| Product line closures.....                                   | 17                        | 0            |
| Number of plants under production cutoffs <sup>3</sup> ..... | 93                        | * 4          |
| Impacts mitigated by alternative requirements                |                           |              |
| Option I, II, IV: Complete exemption:                        |                           |              |
| Significantly affected plants.....                           | 63                        | 0            |
| Significant impact other than closure.....                   | 45                        | 0            |
| Plant closures.....                                          | 11                        | 0            |
| Product line closures.....                                   | 7                         | 0            |
| Option VI(a): Metals control only:                           |                           |              |
| Significantly affected plants.....                           | 63                        | 0            |

TABLE 7.—SUMMARY OF SMALL BUSINESS IMPACTS FOR INDIRECT DISCHARGERS AND MITIGATION EFFECTS UNDER ALTERNATIVE REQUIREMENTS—Continued

|                                                | Small plants <sup>1</sup> | Large plants |
|------------------------------------------------|---------------------------|--------------|
| Significant impact other than closure.....     | 45                        | 0            |
| Plant closures.....                            | 11                        | 0            |
| Product line closures.....                     | 7                         | 0            |
| Option VI(b): Metals and cyanide control only: |                           |              |
| Significantly affected plants.....             | 43                        | 0            |
| Significant impact other than closure.....     | 29                        | 0            |
| Plant closures.....                            | 5                         | 0            |
| Product line closures.....                     | 9                         | 0            |

<sup>1</sup> Small plants are defined as those with less than \$15 million annually in OCPSF shipments.

<sup>2</sup> Significantly affected plants are those incurring one or more of the following measures:

a. plant or product line closure;  
b. annual treatment costs of the option greater than five percent of a plant's OCPSF sales;



c. a greater than 25 percent reduction in profitability (assuming no cost pass through).

<sup>3</sup> For plastics plants 15 million pounds/yr; for organics plants 15 million pounds/yr.

<sup>4</sup> Four large plants (>\$15 million in annual OCPSF shipments) are below the production cutoffs. However, these plants were not significantly impacted; thus, no mitigation results under the less stringent requirements.

d. *Request for Comment on Corporate Ownership and Competition.* The methodology used in the small business analysis contains assumptions about the structure of the industry on which EPA requests comment and data.

Our analysis assumed that all firms operate OCPSF plants or production lines as individual profit centers, regardless of integration in production with other operations at the same plant or with other facilities controlled by the same firm. To the extent that firms operate plants or lines that are unprofitable or marginally profitable (when evaluated on an individual plant or line basis) because they provide production inputs to another operation or facility within the firm, or because the firm has an interest in serving a particular market, or for other reasons (e.g., labor relations, future plans) known only to the firm, the analysis will overstate the impact on small facilities owned by large firms. That is, large firms may continue to operate small plants or individual lines projected to be significantly impacted or closed.

Part of this issue is the extent to which firms will use "captive" plants or lines to produce feedstock material for production of other products versus buying the material in the international marketplace. If firms as a whole are indifferent to the source of chemical inputs, the current assumptions of the analysis that plants cannot pass on costs to downstream producers will be as true for large integrated manufacturers as for the single plant firms. However, if a significant percentage of the corporations consider domestic captive production to be a higher priority, the results of the current analysis will overstate the impacts on small plants owned by large corporations.

EPA is considering limiting small-plant alternative requirements to those plants or lines owned by small firms. For example, alternative requirements could be limited to plants owned by firms with total annual value of shipments of \$15, \$50 million or \$100 million. The Agency invites comment on whether less stringent regulatory requirements should be made available to small plants owned by large firms.

In order to evaluate whether to limit alternative requirements to small firms, EPA is requesting more data from

interested parties with respect to the following:

(1) The extent to which large firms operate individual plants as independent "profit centers" within the firm;

(2) The extent to which firms currently operate (and will continue to operate) small plants or product lines that are unprofitable or marginally profitable (when viewed as individual operations) due to the need to service particular geographic or product markets, to provide stable supplies of a product and/or a product of assured quality to other operations of the firm, or for other reasons;

(3) The extent to which corporations are indifferent to chemical input sources (domestic vs. foreign or captive vs. toll manufacturers) in evaluating the operation of individual plants and production lines;

(4) The extent to which offshore manufacture of OCPSF products by U.S.-owned firms will increase competition within large firms;

(5) The extent to which overall domestic and international competition inhibits the ability of U.S. manufacturers to pass on costs to downstream users; and

(6) Generally, the conditions under which an exemption or special provision should be made for small plants or production lines that are owned controlled or are a part of large firms.

In providing information to EPA, commenters should note that broad, generalized statements unsupported by data will not aid the Agency in its decision. EPA is most interested in comments supported by studies available in the trade literature, and in data and analysis provided by individual companies. Data submitted that qualifies as confidential business information will be treated in accordance with EPA's regulations in 40 CFR Part 2.

e. *Implementation of Alternative Regulatory Requirements for Small Indirect Dischargers.* If the Agency decides to entirely exempt or exclude some indirect dischargers from categorical PSES based upon economic impacts (or to make less stringent requirements available), several reporting requirements for implementing such an exemption may be required. These plants would not be automatically exempt; instead, if such facilities believe they meet the criteria for exemption they would be required to submit certain reports to the control authority (POTW or NPDES State operating a local

pretreatment program under § 403.10(e)) and obtain a determination that they meet the applicable criteria. Applicants would, for example, be required to demonstrate that the average annual OCPSF production of the plant for the preceding three calendar years meets the promulgated criteria. Such information would be submitted in writing as part of the baseline monitoring report. The control authority would then review this information and make a determination whether the plant meets the criteria for exemptions.

An exclusion would exempt qualifying facilities only from complying with the categorical pretreatment standards for existing sources (PSES). Facilities would still be subject to applicable provisions of the General Pretreatment Regulations (40 CFR Part 403).

It is important that control authorities know which facilities that wish exemptions actually qualify for them. POTW, state and EPA regulatory and enforcement authorities need to know which small OCPSF plants are covered only by general pretreatment and local requirements and which facilities are covered by categorical standards as well.

Moreover, the Agency is generally concerned about the discharge of toxic organic pollutants to POTWs and the difficulty experienced by POTWs in identifying problems caused by specific OCPSF plant discharges. The OCPSF industry uses large quantities of priority pollutant toxic organic chemicals as raw materials, produces them as products, by-products or intermediates and discharges wastes with significant concentrations of toxic organic pollutants. As noted in the following sections of this notice, many of these pollutants pass through POTWs. Yet POTWs are often unaware of the sources of pass through or interference or worker-safety problems which may be present. Even if a plant will not be required to meet categorical PSES, the POTW will still need information from the plant for determining if local controls are needed. This information would, with some modification, be a subset of the information generally submitted by indirect dischargers subject to categorical pretreatment standards.

The pretreatment reporting requirements that the Agency is considering for facilities which meet the criteria for exemption from the categorical pretreatment standards are described below. The public is urged to comment on each of the reporting



requirements and the approval procedures.

(1) Section 403.12(b)—baseline monitoring report. OCPSF facilities which believe they qualify for the exemption would be required to submit to the control authority information in paragraphs (b)(1)–(6). Paragraphs (b)(1)–(4) would apply as written. Paragraph (b)(5) would include measurement of all PSES pollutants which the facility would be required to control if the exemption were not approved. Information required by the paragraph (b)(6)—certification would be designed to demonstrate that the facility satisfies the criteria for obtaining the exemption. Information in paragraph (b)(7) would not be required.

When this report is submitted by the plant, it would be reviewed and the control authority would determine whether the plant meets the exclusion criteria.

(2) Section 403.12(c)—compliance progress reports. These reports would not be required for OCPSF plants with approved exemptions.

(3) Section 403.12(d)—final compliance reports. These reports would not be required for OCPSF plants with approved exemptions.

(4) Section 403.12(e)—periodic reports on continued compliance with the exemption criteria. This reporting requirement would be reduced. Only one report (instead of two) would be required each year and the report would need only to contain new data and information demonstrating that the facility continues to satisfy the criteria for exclusion. If at any time the facility did not meet all the criteria, then the plant would be placed on a compliance schedule to meet the PSES applicable to non exempted plants.

Comment is requested on how to implement alternative regulatory requirements for small indirect dischargers.

#### *B. A Revised Subcategorization Methodology To Be Used in Establishing BPT Limitations*

On March 21, 1983, EPA proposed BPT limitations for BOD, TSS and pH for four subcategories of the OCPSF industry (48 FR 11828). These were subcategory 1—Plastics only, subcategory 2—oxidation, subcategory 3—type 1 (which included specified processes other than oxidation), and subcategory 4—other discharges. These subcategories were developed following an analysis of manufacturing processes in use by the OCPSF industry and the BOD loadings associated with them.

Subcategory 1 included discharges resulting from the manufacture of plastics and synthetic fibers only.

Subcategory 2 included discharges from the manufacture of organic chemicals only or both organic chemicals and plastics and synthetic fibers, that included wastewater from the oxidation process. This subcategory was further divided into two groups based on flow: a high-water usage group (greater than or equal to 0.2 gallon per pound of total daily production) and a low-water usage group (less than 0.2 gallon per pound of total daily production). Subcategory 3 included discharges resulting from the manufacture of either organic chemicals only or both organic chemicals and plastics and synthetic fibers that included wastewater from Type I processes but not from the oxidation process. Type I processes were listed as peroxidation, acid cleavage, condensation, isomerization, esterification, hydroacetylation, hydration, alkoxylation, hydrolysis, carbonylation, hydrogenation, and neutralization. Subcategory 4 included all OCPSF discharges not included in subcategories 1–3. Different BOD and TSS daily maximum and maximum monthly average BPT limitations were proposed for each of the subcategories.

Commenters claimed that the proposed subcategorization scheme was unworkable and that it arbitrarily grouped chemical processes into non-homogeneous groups with respect to effluent treatability. They also complained that, under the proposed scheme, minor changes in production or product mix could cause the applicable discharge subcategory to change. Numerous specific comments questioned whether specific product/processes were properly placed within the subcategorization scheme.

Following a review of the comments and analysis of additional BOD and TSS loading and production data, the Agency proposed a new BPT subcategorization scheme consisting of eight general product-based subcategories (50 FR 29068; July 17, 1985). In this scheme, plants were classified according to the proportion of their total production volume associated with particular general classes of OCPSF products. The eight production-class subcategories and the plant production characteristics associated with them are as follows: (1) Rayon fibers—plants in which rayon fibers production by the viscose-rayon process constitute at least 95 percent of total OCPSF production. (2) Other man-made fibers—plants in which other man-made fiber and organic chemical production constitute at least 95 percent of total OCPSF production. (3) Thermosets—plants in which thermosetting resins constitute at least 95 percent of total OCPSF production

and plants in which thermosetting resins plus organic chemicals constitute at least 95 percent of total OCPSF production. (4) Thermoplastics—plants in which thermoplastic materials constitute at least 95 percent of total OCPSF production. (5) Thermoplastic and Organics—plants in which thermoplastic materials and organic chemicals constitute at least 95 percent of total OCPSF production. (6) Commodity Organics—plants in which organic commodity chemicals (those produced nationally at a level exceeding one billion pounds per year) constitute at least 75 percent of organic chemical production and in which plastics production is less than 5 percent of total OCPSF production. (7) Bulk Organics—plants whose production was not classified as either commodity or specialty organics (those produced at a level below 40 million pounds per year) but is at least 95 percent organics, and (8) Specialty Organics—plants in which specialty organic chemicals products constitute at least 75 percent of total organic chemical production and in which plastics production is less than 5 percent of total OCPSF production.

This scheme was intended to address the issues raised by commenters on the first proposed subcategorization scheme. It was based primarily on wastewater characteristics, i.e., influent and effluent BOD and plant flow. These wastewater characteristics vary considerably across the industry, reflecting the wide range of manufacturing product/processes employed at OCPSF plants. The Agency examined this scheme with an analysis of variance to assure that the new subcategories were well defined in terms of effluent BOD concentrations.

Industry commenters argued, however, that even given the revisions in the July 17, 1985 scheme, a one or two percent difference in relative production could still place similar plants in different subcategories with significantly different limitations. In addition, it was asserted that some plants could not be placed in any of the subcategories and that there was no mechanism presented to develop limitations for these plants. Industry commenters also commented that the analysis of BOD concentration values ignored the effects of different water use practices and various water conservation efforts by OCPSF plants.

In order to respond to the issues raised concerning the BPT subcategorization, the Agency has modified its July 17, 1985 scheme as follows: The fundamental product-based subcategorization framework is retained



with the exception that one subcategory, thermoplastics and organics, is dropped as it is simply a combination of two distinct subcategories under the new scheme. However, facilities are not assigned to a single subcategory based on the predominant production at the facility. Instead, a regression model is used to model effluent BOD as a function of the proportion of activity in each subcategory at each facility. The new subcategorization approach does not force a plant which has production in more than one subcategory into a single subcategory. Instead, the new approach accounts explicitly for the production in each subcategory at the plant. In other words, each subcategory applies only to facilities or portions of facilities whose production consists entirely (100 percent) of the products covered by the subcategory heading. This approach parallels the way EPA generally applies its effluent limitations and standards. The seven product-based subcategories as generally defined by specific product type and SIC (Standard Industrial Classification) codes are as follows:

- (1) Rayon Fiber (Viscose process only)
- (2) Other Fibers (SIC 2823, except rayon, and 2824)
- (3) Thermoplastics (SIC 28213)
- (4) Thermosets (SIC 28214)
- (5) Commodity Organics—organic chemical products produced nationally in amounts greater than or equal to one billion pounds per year (generally SIC 2865 and 2869)
- (6) Bulk Organics—organic chemical products produced nationally in amounts less than 1 billion but more than 40 million pounds per year (generally SIC 2865 and 2869)
- (7) Specialty Organics—organic chemical products produced nationally in amounts less than or equal to 40 million pounds per year (generally SIC 2865 and 2869)

In addition to the SIC major groups listed above, six additional SIC subgroups (described in Section IV of this notice) include products that are also covered under the SIC codes listed above or include products that are considered OCPSF products for the purpose of this regulation. The specific products or product groups are listed in Section IV K of the July 17, 1985 Notice (50 FR 29091 to 29094).

While some plants may have production which falls uniquely under only one of the seven subcategory headings, most plants have production which is divided among two or more subcategories. The regression model will allow the calculation of a multi-subcategory plant's appropriate

limitation from production and flow data supplied by the plant. Thus, plant limitations would be based on a building block approach and changes in production would be reflected explicitly in the plant's limitations. A complete discussion of the model and its development may be found in the public record supporting this notice.

The model includes a flow factor term which provides for an adjustment to be made in a plant's limitation based on total OCPSF process wastewater flow. The effect of this flow correction term is to increase the applicable concentration-based limitation for a plant which employs water conservation and decrease the applicable concentration-based guideline for a plant which engages in extravagant water use.

The Agency has also used statistical techniques similar to those used in the model to determine whether other factors such as plant age and ambient air temperature would be significant as bases for subcategorization. The analyses confirms previous conclusions that neither plant age nor temperature are factors to be used in subcategorizing the OCPSF industry.

The October 11, 1985 Notice outlined the Agency's intent to utilize a total suspended solids performance edit for establishing BPT limitations (50 FR 41530). In developing the July 1985 proposed BPT limitations, the performance edits used to segregate the better designed and operated plants from the poorer performers were based on BOD performance only. However, annual effluent TSS values as high as 300 mg/l are found at some plants meeting the BOD editing criteria. Since values this high do not necessarily represent Best Practicable Control Technology for solids control, the Agency is considering a second-tier TSS edit which removes effluent TSS data greater than 100 mg/l. This second-tier edit deletes approximately 12 percent of the TSS data retained after applying the first-tier BOD editing criteria. The Agency is also considering a second-tier TSS edit which removes effluent TSS data greater than 55 mg/l since this is the median TSS effluent concentration for all plants with only biological treatment in place.

The Agency has developed a model whereby effluent TSS and effluent BOD are related to each other. The TSS limitations and standards are derived from the model which would be based on the OCPSF facilities meeting the BOD and TSS effluent data screening rules. The model and supplementary information are contained in the public record.

### C. Use of Qualitative Information in the POTW Pass-Through Analysis

Before establishing PSES for OCPSF indirect dischargers, the Agency must determine which of the toxic pollutants discharged by the OCPSF industry pass-through POTWs or interfere with POTW operation or sludge disposal practices. In determining whether a pollutant passes through a POTW, the Agency compares the percentage of a pollutant removed by POTWs with the percentage of the same pollutant removed by directly discharging OCPSF facilities applying BAT. A pollutant is deemed to pass through POTWs when the average percentage removed nationwide by well-operated POTWs (those meeting secondary treatment requirements) is less than the percentage removed by directly discharging OCPSF facilities applying BAT for that pollutant.

One issue concerning pass-through relates to pollutants for which adequate POTW removal data are not available with respect to those pollutants for which BAT limitations were proposed and for which removal data from direct dischargers applying BAT are available. At proposal, such pollutants were deemed to pass-through POTWs in the absence of reliable POTW percent removal data.

In the July 17, 1985 Notice of Availability, the Agency solicited comments on its assumption of pass-through for pollutants for which inadequate POTW removal data were available. Some commenters argued that EPA may not assume pass-through in the absence of information indicating that pass through occurs. In continuing to examine this issue, EPA has reviewed data and information included in a February 1986 report to Congress entitled "Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works," concerning the discharge of listed hazardous wastes to POTWs, various pilot plant studies performed by or for EPA's Water Engineering Research Laboratory (WERL) and the best professional judgement estimates of EPA-WERL and other Agency personnel as documented in various pieces of intra-Agency correspondence. In this notice, the Agency is presenting all of the data and information relevant to the determination of pass-through for the various toxic pollutants. All bench-scale studies, pilot studies and memoranda relative to the pass-through determination are included in the supporting record of this notice. In making final decisions concerning pass-through for toxic pollutants, EPA will



consider this information as well as data from EPA's September 1982 report "Fate of Priority Pollutants in Publicly Owned Treatment Works" (EPA 440/1-82/303).

In the March 21, 1983 proposal (48 FR 11828), the Agency also proposed to use a modified pass-through analysis methodology. To accommodate the analytical variability typical of toxic organic pollutants in POTWs and OCSF wastewaters, EPA proposed to consider pass-through to occur only if the percentage of a certain pollutant removed by direct dischargers applying BAT is at least five percent greater than the percent removed by well-operated POTWs. This approach was intended to respond to the fact that POTW influent organic toxic pollutant concentrations are typically much lower than industry treatment system influent concentrations and the majority of existing POTW effluent concentrations are below the analytical detection limit, thereby causing some of the pollutant removal estimates for POTWs to be uncertain.

EPA indicated in the July 1985 Notice that it was considering increasing the five percent differential to ten percent based on the general reasons used to justify the five percent approach. However, after considering public comments and evaluating the similar relative effects of each approach, EPA no longer intends to use performance differentials and now intends to compare the actual POTW percent removal to the actual industry percent removal to determine pass-through.

EPA is considering an alternate modification of the pass-through analysis for certain non-volatile organic priority pollutants such as phenol, phenanthrene and anthracene. These pollutants are typically reduced to similar effluent levels or to the analytical method detection limit in both POTW and industrial treatment systems. When a pollutant is reduced to similar effluent levels and the pass-through analysis compares average industry to average POTW percent removals, that pollutant is deemed to pass through a POTW if the average industry pollutant influent concentration is higher than the average POTW influent concentration. In the latter case, the "not detected" analytical result is customarily assigned a numerical value equivalent to the analytical method nominal detection limit. This approach underestimates the true removal efficiency of the treatment system. Moreover, the calculation of percent removal for the POTW and industrial treatment systems becomes a function of influent concentration only for these

pollutants rather than a function of actual removal efficiency. Therefore, if this comparison is made, a pollutant is deemed to pass through a POTW if the average industry pollutant influent concentration is higher than the average POTW influent concentration even though both treatment systems reduce the pollutant to concentrations below levels that can be readily measured numerically by current analytical techniques.

Rather than compare a pollutant's average percent removal for all industrial treatment systems to the average percent removal for all POTWs, if sufficient data exist, the Agency is considering comparing percent removals only for comparable ranges of influent concentrations. Using this approach, three non-volatile organic pollutants — phenol, phenanthrene, and anthracene — which previously required PSES/PSNS standards would not be regulated. The analysis supporting this approach is presented in the support material for today's notice.

Readers should note that the term "pass through" as discussed in this notice represents a concept which differs from the use of the term "pass through" in the Agency's ongoing 40 CFR Part 403 rulemaking, General Pretreatment Regulations, to implement the prohibitions against pass through and interference found in Sections 307(b) (1) and (c) of the Clean Water Act (see 50 FR 25536, July 19, 1985). The Agency expects to issue a final rule in that rulemaking very soon.

#### *D. Miscellaneous Technical Changes*

EPA is making available certain additional information for public comment concerning the technologies being considered as the basis of final BAT and PSES regulations for the OCSF categories. The information being made available includes technology performance data from OCSF plants to be used in limitations and standards development as well as cost estimate information. Specifically, the Agency is making available for public comment information concerning (1) metals removal technology, (2) cyanide destruction technology, (3) steam stripping technology, (4) package biological treatment units for indirect discharge facilities and (5) additional toxic pollutant data. A discussion of the information being made available for comment in each of these areas follows:

##### *1. Metals Removal Technology*

In the July 1985 Notice, EPA estimated the cost for heavy metals removal, based on lime precipitation (coagulation with lime and polymer addition and

flocculation) and clarification treatment unit operations. This treatment technology was costed only for those plants with projected process sources of heavy metals.

Commenters contended that the Agency's cost estimates for the metals lime precipitation and clarification technology, which were included in the record supporting the July 1985 Notice, did not consider the reduced effectiveness of this technology when metals are complexed. The Agency agrees that some OCSF wastewaters contain heavy metals that are complexed with organic chemicals. Precipitation of complexed metals from wastewater with lime or caustic is not always successful, particularly when the treatment systems are operated at the normal pH range of 8.5-9.5. In the metal finishing industry treatment techniques which are applicable for removal of complexed metal wastes were evaluated as part of the effluent guidelines and standards regulations development (40 CFR 433, 48 FR 32462). The common complexing agents found in the metal finishing industry were identified (Development Document for the Metal Finishing Point Source Category, EPA 440/1-83/091, p. VII-105) and facilities utilizing these agents were evaluated with respect to effluent concentrations of certain metals following precipitation/clarification with and without filtration. Results of these evaluations are contained in the referenced Development Document and show that segregated treatment using hydroxide precipitation/clarification, in some cases using high pH (11-12) or sulfide precipitation instead of hydroxide precipitation, is effective depending upon the type of complexing agent. Since sulfide precipitation is more effective and is approximately 13 percent (at 0.2 MGD) more expensive than lime precipitation technology, the Agency has costed sulfide precipitation for removing complexed metals. The use of these costs in the Agency's economic impact analysis would also cover use of some of the alternative technologies described in the referenced material. Because sulfide precipitation is also capable of reducing the solubility of metals to lower levels than hydroxide precipitation, the Agency is also considering its use in developing the limits for metals which are not complexed and has been costed as described below. Influent and effluent data for sulfide precipitation from three metal finishing industry sources are shown on page VIII-92 of the referenced Development Document.



The cost of precipitating complexed metals is accounted for in the estimates presented in the support material for today's notice. The small business impact analysis, however, does not consider these costs. The Agency will include them in the final small business analysis. These costs are not expected to cause significant changes in the economic impacts. For example, over 80 percent of the indirect dischargers that were costed for metals removal had flows of less than 0.2 MGD. The typical increase in annual costs of ferrous sulfide over lime precipitation/clarification treatment is approximately 13 percent for a 0.2 MGD flow.

Other commenters claim that the majority of the Agency's metals data base reflects influent concentrations of metals only from non-process sources such as recycled cooling water, corrosion products, and background levels rather than OCPSF process sources. The Agency is in the process of carefully reviewing the data base to confirm the sources of metals and agrees that non-process sources of metals alone should not provide a basis for establishing metals long-term averages for subsequent derivation of monthly and daily maximum limitations and standards. However, in those cases where non-process sources of metals are being treated at comparable concentrations as OCPSF process sources, the Agency believes that the long-term averages and variability analysis associated with metals treatment system performance may be utilized to develop the OCPSF monthly and daily maximum limitations.

The Agency also proposes to consider technology transfer from the metals industries and the technical literature for use in establishing appropriate performance criteria for both lime and sulfide precipitation/clarification treatment units. The reason for this contemplated technology transfer is that the Agency is aware of very little data representing BAT treatment of metals at OCPSF plants that do not include biological treatment.

EPA requests additional OCPSF industry performance and design/operation information for complexed or uncomplexed metals removal in physical/chemical treatment unit operations, particularly lime or sulfide coagulation/flocculation/clarification systems. The Agency specifically requests the following data and information:

(a) Paired daily influent and effluent data around the metals removal system,

- (b) The sources of the metals such as product/process catalysts, raw materials or raw material impurities,
- (c) Descriptions noting whether each metal is complexed or uncomplexed, and, if complexed, a list of the complexing agents,
- (d) The laboratory analytical methods used for metals analysis including the method detection limit and quality control/quality assurance procedures,
- (e) A schematic flow diagram for each treatment system (including all steps necessary to treat complexed metals),
- (f) Design and actual operating parameters including wastewater flow rates, metals raw waste concentrations, unit operation retention times (or volumes), and clarification overflow rates,
- (g) A list of all chemical reagents such as lime, sodium hydroxide, sodium sulfide, ferrous sulfide, and polymers as well as design and operating dose rates, and
- (h) Any other pertinent information necessary to evaluate the performance and design of complexed or uncomplexed metals removal systems.

Apart from continuing to review any available OCPSF metals removal data, the Agency believes that technology transfer from metals industries would be appropriate because performance of hydroxide and sulfide precipitation technologies is directly related to the pollutant solubilities. Thus, comparable wastewater matrices of metals in different industries can be treated to the same levels at approximately the same cost. The Agency believes that properly operated precipitation and clarification technologies will result in effluent concentrations that are directly related to pollutant solubilities. An analysis of the OCPSF raw wastewater matrix will be conducted to determine that a level of metals is present comparable to that contained in the wastewater from certain metals processing industries for which control technology performance data exists for metals removal. In addition to the sulfide precipitation data referenced previously, influent/effluent data utilized in developing the long-term means for the metal finishing industry limitations are contained in the record for this notice. In addition, a summary of influent and effluent data for lime and settle (hydroxide precipitation) treatment in the copper forming and aluminum forming industries is contained in the record for this notice. These summaries contain wastewater concentration values comparable to those found at the limited number of OCPSF plants for which metals data

exist in the data base. Additional zinc chemical precipitation performance data from the OCPSF industry are also contained in the supporting record.

The Agency solicits comments on the use of metals industry data as well as any other metals removal data.

## 2. Cyanide Destruction Technology

In the July 1985 Notice, EPA also based the engineering cost estimates for cyanide control on lime precipitation (coagulation with lime and polymer addition and flocculation) and clarification treatment unit operations. This treatment system was costed for those plants with projected process sources of cyanide.

Some commenters contended that the proposed cyanide standards could not be met consistently with lime precipitation/clarification technology at some plants. The Agency reassessed the technology basis for cyanide control and proposes to use cyanide oxidation as the technology basis for deriving engineering costs and effluent limitations.

Cyanide can be oxidized or destroyed by means of alkaline chlorination, ozonation or hydrogen peroxide treatment. The Agency believes, however, that alkaline chlorination is the preferred technology because it does not entail the drawbacks associated with the other technologies. Ozonation requires high capital and energy costs and its efficiency is limited when the wastewater being treated contains other oxidizable pollutants. Hydrogen peroxide only partially oxidizes cyanide to cyanate, requiring the addition of a formaldehyde catalyst and thereby resulting in wastewater with a higher BOD concentration.

Alkaline chlorination is capable of achieving removal efficiencies of 99 percent or better for cyanide bearing waste streams. EPA has now estimated capital and operation and maintenance (O&M) costs for alkaline chlorination technology for plants that may be required to treat for cyanide to achieve compliance with final BAT, NSPS, PSES, and PSNS cyanide regulations. All costs were derived from vendor quotations. The alkaline chlorination performance data, the plant costs, and costing methodology used in developing these costs are presented in the supporting public record for this notice. The small business impact analysis made available today has considered these costs.

EPA also proposes to consider basing cyanide limits on technology transfer from the metals industries and the technical literature for use in



establishing appropriate performance criteria for cyanide destruction technology. This information is contained in the referenced material cited in the previous metals removal section.

EPA also strongly requests OCPSF industry performance and design/operation information for physical/chemical cyanide destruction technology particularly alkaline chlorination treatment systems. The Agency requests paired daily influent and effluent data and supporting information comparable to that requested for the metals removal technology in the previous section.

### 3. Steam Stripping Technology

In the July 1985 Notice, EPA presented three technology options as the basis of BAT effluent limitations and two technology options as the basis for PSES. For two of the BAT options, steam stripping was contemplated as an applicable technology for achieving supplementary in-plant control limitations proposed for a set of 20 volatile and semivolatile priority pollutants in Table D-4 (50 FR 29084). Commenters at plants with in-process steam strippers were critical of these proposed limitations as being too stringent and reflecting insufficient variability to be consistently met, even by state-of-the-art equipment, and as being based on limited and arbitrarily edited data for only a few priority pollutants that were available from EPA's 12-plant sampling program. However, few comments were supported by accompanying steam stripper daily performance data of acceptable quality. Most commenters simply alluded to a concentration range that they estimated could be consistently achieved by their steam strippers, but offered no actual daily performance data in support of their arguments.

To determine the extent to which additional daily performance data of acceptable analytical quality might be available from the OCPSF category, EPA contacted those who had commented on the proposed in-plant control limits and other plants that currently manufacture chlorinated hydrocarbons and/or polyvinyl chloride (suspension polymerization), i.e., processes known to use steam stripping technology. EPA found that few of the contacted commenters monitored their steam stripper effluents with sufficient frequency or accuracy to provide data suitable for establishing BAT effluent limitations and PSES based on this technology. Some additional data that may be acceptable were discovered, however, and was requested along with

the appropriate supporting analytical documentation for more detailed review by the Agency. Notice is hereby given that the new data collected from the industry in this effort are available in the public record for comment.

In addition, EPA is considering the use of steam stripping data found in the "Development Document for Effluent Limitations Guidelines and Standards, for the Pharmaceutical Manufacturing Point Source Category," September 1983, in developing steam stripping based limitations and standards for the OCPSF categories. Additional background material concerning these data may be found in the record supporting a Notice of Availability concerning the Pharmaceutical Manufacturing Category published on September 9, 1985 at 50 FR 36638.

### 4. Package Biological Treatment Units

In the supporting record for this notice, EPA is making available cost estimates for package activated sludge biological treatment units developed using the CAPDET costing program. These cost estimates are being presented as part of an alternate technology option being considered as the basis for PSES. The Agency believes that activated sludge biological treatment is a reasonable alternative to activated carbon and steam stripping technology for the removal of selected non-volatile organic toxic pollutants such as phenol, acenaphthene, naphthalene, anthracene, and phenanthrene.

### 5. Additional Toxic Pollutant Data

Additional OCPSF industry analytical data and information, including that listed below, have been added to the record since the close of the public comment period on December 16, 1985. The public is invited to inspect and provide comment on this material since the Agency will consider its use in deriving effluent limitations and standards.

(a) Long-term daily influent-effluent data for organic priority pollutants being treated by lime precipitation followed by activated sludge treatment;

(b) Long-term daily effluent data for nickel, zinc, complexed chromium, and complexed copper being treated by lime precipitation followed by activated sludge treatment; and

(c) The July 1986, EPA Region V report "Dow Chemical Wastewater Characterization Study, Tittabawassee River Sediments and Native Fish."

### IV. Clarification of the Applicability of the OCPSF Regulations

In the July 1985 discussion of the applicability of the OCPSF regulation (section IVK; 50 FR 29091), the Agency noted the potential for coverage of certain OCPSF products by more than one categorical standard and outlined the provisions that determine which of overlapping categorical standards applies. However, public comment and recent Agency efforts to renew permits for vertically integrated petroleum refining and petrochemical facilities suggest that further clarification is required. To the extent that overlaps exist and to the extent that previous preambles seem inconsistent with the guidance set forth below, this new discussion controls.

For the purposes of this regulation, OCPSF process wastewater discharges are defined as discharges from all establishments or portions of establishments that manufacture products included within the following U.S. Department of Commerce Bureau of the Census Standard Industrial Classification (SIC) major groups or subgroups:

(1) SIC 2865—Cyclic Crudes and Intermediates, Dyes, and Organic Pigments.

(2) SIC 2869—Industrial Organic Chemicals, not Elsewhere Classified.

(3) SIC 2821—Plastic Materials, Synthetic Resins, and Nonvulcanizable Elastomers.

(4) SIC 2823—Cellulosic Man-Made Fibers.

(5) SIC 2824—Synthetic Organic Chemicals, Except Cellulosic.

(6) SIC 2911058—Aromatic hydrocarbons manufactured from purchased refinery products.

(7) SIC 2911632—Aliphatic hydrocarbons manufactured from purchased refinery products.

(8) SIC 28914—Synthetic Resin and Rubber Adhesives (this regulation covers only those synthetic resins listed under both SIC 28914 and SIC 2821 that are polymerized for use or sale by adhesive manufacturers)

(9) Chemicals and Chemical Preparations, not Elsewhere Classified:

a. SIC 2899568—Sizes, all types.

b. SIC 2899597—Other industrial chemical specialties, including fluxes, plastic wood preparations, and embalming fluids, and

(10) SIC 2843085—Bulk Surface Active Agents.

The OCPSF regulation does not apply to wastewater discharges from the manufacture of organic chemical compounds solely by extraction from



plant and animal raw materials or by fermentation processes.

With one qualified exception, the OCPSF regulation covers all OCPSF operations even at facilities where the OCPSF operations are a minor portion of and ancillary to the primary production activities. A building-block approach is utilized by regulatory authorities to establish limitations for integrated facilities.

The exception is only for wastewater from OCPSF products specifically covered by the provisions of other industrial effluent limitations guidelines and standards but only if the specifically covered OCPSF wastewater is treated in combination with the non-OCPSF industrial wastewater. Therefore, the OCPSF regulation applies if the OCPSF wastewater is treated in a separate treatment system. Furthermore, wastewater generated from OCPSF production that is not specifically covered by other industrial categorical standards is controlled by the OCPSF regulations even if treated in combination with other industrial wastewaters. Again, a building-block approach is used to derive limitations for integrated facilities.

For some vertically integrated petroleum refineries and pharmaceutical manufacturers, process wastewater from selected synthetic organic chemical products are specifically regulated under the Petrochemical and Integrated Subcategories of the Petroleum Refining Point Source Category (40 CFR 419, Subparts C and E) or the Chemical Synthesis Products Subcategory of the Pharmaceuticals Manufacturing Point Source Category (40 CFR 439, Subpart C). The petroleum refineries and pharmaceutical manufacturers that produce organic chemical products specifically covered by 40 CFR 419 and 439, respectively, and that generate process wastewaters treated in combination with other petroleum refinery or pharmaceutical manufacturing wastewater, respectively, are not subject to regulation for those specific product discharges under the OCPSF regulation unless the wastewater is treated in a separate treatment system. Therefore, petroleum refineries and pharmaceutical manufacturers that treat process wastewater from organic chemical products in a separate wastewater treatment system are subject to regulation under the OCPSF regulation. However, process wastewater discharges from OCPSF products not specifically covered by 40 CFR 419 and 439 would be regulated under the

OCPSF regulation, even if treated in combined treatment systems.

Other public comments requested guidance relating to the coverage of OCPSF research and development facilities. The Agency is considering expanding the applicability discussion as follows:

Stand-alone OCPSF research and development, pilot plant, technical service, and laboratory bench scale operations are not covered by the OCPSF regulation. However, wastewater from such operations conducted in conjunction with and related to existing OCPSF manufacturing operations at OCPSF facilities is covered by the OCPSF regulation because they would most likely generate wastewater with characteristics similar to the commercial manufacturing facility. Research and development, technical service, and laboratory operations which are unrelated to existing OCPSF plant operations, even though conducted onsite, are not covered by the OCPSF regulation because they may generate wastewater with characteristics dissimilar to the commercial OCPSF manufacturing facility.

Dated: November 26, 1986.

Larry Jensen,

Assistant Administrator for Water.

[FR Doc. 86-27369 Filed 12-5-86; 8:45 am]

BILLING CODE 5560-50-M

## DEPARTMENT OF TRANSPORTATION

### Office of the Secretary

#### 46 CFR Part 202

[OST Docket 44399, Notice No. 86-16]

#### Procedures for Formal Review by the Secretary of Transportation of Actions of the Maritime Subsidy Board

AGENCY: DOT.

ACTION: Reopening the comment period.

**SUMMARY:** This notice reopens the comment period for the notice of proposed rulemaking (NPRM), issued by the Office of the Secretary (OST) on October 9, 1986, 51 FR 36253, that would amend the procedures by which the Secretary reviews actions of the Maritime Subsidy Board (MSB). The Maritime Administrative Bar Association requested a two week extension because its new Practice and Procedure Committee just attained full membership and needs additional time to review the NPRM and prepare comments.

Reopening the period should not

disadvantage any person, and will give the Department the benefit of informed comment from attorneys actively practicing in the field of maritime administrative law. Accordingly, this notice extends the deadline for submitting comments from December 8, 1986, until 5:00 p.m. on December 22, 1986.

**DATE:** Comments on the proposed rule must be received on or before December 22, 1986.

**ADDRESS:** Comments should be directed to the Docket Clerk (C-55), Docket 44399, Room 4107, Office of the General Counsel, Department of Transportation, 400 Seventh Street SW., Washington, DC 20590.

**FOR FURTHER INFORMATION CONTACT:** Michael Jennison, Office of the Assistant General Counsel for International Law (202) 368-5621, Office of the Secretary of Transportation, 400 Seventh Street SW., Washington, DC 20590.

Dated: December 1, 1986.

Jim Burnley,

Acting Secretary.

[FR Doc. 86-27544 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-81-M

## FEDERAL COMMUNICATIONS COMMISSION

### 47 CFR Parts 2 and 94

[PR Docket No. 86-174; DA 86-230]

#### Amendment of Parts 2 and 94 of the Commission's Rules To Accommodate Radio Local Area Network Stations in the 1700-1710 MHz Band; Order Further Extending Reply Comment Period

AGENCY: Federal Communications Commission.

ACTION: Order further extending reply comment period.

**SUMMARY:** The FCC is extending the time for submission of reply comments in this Docket concerning the operation of radio local area networks in the 1700-1710 MHz band. This action is taken to allow comprehensive interference testing and assure a complete record in this proceeding.

**DATES:** Reply comments will be due by December 19, 1986.

**ADDRESS:** Federal Communications Commission, 1919 M Street NW., Washington, DC 20554.

**FOR FURTHER INFORMATION CONTACT:** Eugene Thomson, Private Radio Bureau, (202) 634-2443.



### Order Further Extending Reply Comment Period

In the Matter of Amendment of Parts 2 and 94 of the Commission's Rules To Accommodate Radio Local Area Network Stations in the 1700-1710 MHz Band; PR Docket No. 86-174 RM-5072.

Adopted: November 14, 1986.

Released: November 19, 1986.

By the Acting Chief, Private Radio Bureau.

1. On May 1, 1986, the Commission adopted a *Notice of Proposed Rule Making (Notice)* in the above captioned matter. This *Notice* appeared in the *Federal Register*, 51 FR 19570, on May 30, 1986. Comments were due by August 22, 1986. Reply comments were previously extended to November 14, 1986.

2. On November 7, 1986, Motorola, Inc. filed a request to further extend the time period for filing reply comments in this proceeding to December 19, 1986. This request is supported by the National Oceanic and Atmospheric Administration (NOAA). Motorola and NOAA are jointly ascertaining potential interference from radio local area network transmitters to meteorological satellite data reception. Both indicate that while initial testing yielded useful information, additional time for computer simulation and further testing is needed to provide relevant information for the Commission's consideration.

3. We recognize the importance of the issue of potential interference between radio local area networks and meteorological satellite receivers. Therefore, to permit the gathering of adequate information concerning interference between such systems, we are further extending the reply comment period to assure a complete record in this proceeding.

4. Accordingly, it is ordered, pursuant to the authority set forth in § 0.331 of the Commission's Rules and Regulations, that interested parties will have until December 19, 1986 to file reply comments in this proceeding.

Federal Communications Commission.

Michael T.N. Fitch,

Acting Chief, Private Radio Bureau.

[FR Doc. 86-27422 Filed 12-05-86; 8:45 am]

BILLING CODE 6712-01-M

### 47 CFR Part 73

[MM Docket No. 86-437, RM-5392]

### Radio Broadcasting Services; Warsaw, MO

AGENCY: Federal Communications Commission.

### ACTION: Proposed rule.

**SUMMARY:** This document requests comments on a petition filed by Mid-Mo Broadcasting Company, proposing the allotment of FM Channel 256A to Warsaw, Missouri. This allotment could provide for a second FM broadcast service for the community.

**DATES:** Comments must be filed on or before January 22, 1987, and reply comments on or before February 6, 1987.

**ADDRESS:** Federal Communications Commission, Washington, DC 20554.

In addition to filing comments with the FCC, interested parties should serve the petitioners, or their counsel or consultant, as follows: Kenneth W. Rains Sr., Operations Manager, Mid-Mo Broadcasting Co., Route 4, Box 86, Eldon, Missouri 65028.

**FOR FURTHER INFORMATION CONTACT:** Kathleen Scheuerle, (202) 634-6530, Mass Media Bureau.

**SUPPLEMENTARY INFORMATION:** This is a summary of the Commission's Notice of Proposed Rule Making, MM Docket No. 86-437 adopted October 24, 1986, and released December 1, 1986. The full text of this Commission decision is available for inspection and copying during normal business hours in the FCC Dockets Branch (Room 230), 1919 M Street NW., Washington, DC. The complete text of this decision may also be purchased from the Commission's copy contractors, International Transcription Service, (202) 857-3800, 2100 M Street NW., Suite 140, Washington, DC 20037.

Provisions of the Regulatory Flexibility Act of 1980 do not apply to this proceeding.

Members of the public should note that from the time a Notice of Proposed Rule Making is issued until the matter is no longer subject to Commission consideration or court review, all *ex parte* contacts are prohibited in Commission proceedings, such as this one, which involve channel allotments. See 47 CFR 1.1231 for rules governing permissible *ex parte* contact.

For information regarding proper filing procedures for comments, see 47 CFR 1.415 and 1.420.

### List of Subjects in 47 CFR Part 73

Radio broadcasting.

Federal Communications Commission.

Charles Schott,

Chief, Policy and Rules Division, Mass Media Bureau.

[FR Doc. 86-27424 Filed 12-5-86; 8:45 am]

BILLING CODE 6712-01-M

### 47 CFR Part 73

[MM Docket No. 86-443; RM-5366]

### Radio Broadcasting Services, Picayune, MS

AGENCY: Federal Communications Commission.

### ACTION: Proposed rule.

**SUMMARY:** This document requests comments on a petition filed by Howes Broadcasting Company proposing the substitution of FM Class C2 Channel 291 for Channel 292A at Picayune, Mississippi, and modification of the license for Station WRMH (FM), to specify the higher class of channel. A site restriction 30.7 kilometers west of Picayune, is required for the allocation of Channel 291C2. Petitioner is requested to provide a city grade coverage showing. The proposal could provide a first wide-coverage area station to Picayune.

**DATES:** Comments must be filed on or before January 22, 1987, and reply comments on or before February 6, 1987.

**ADDRESS:** Federal Communications Commission, Washington, DC 20554. In addition to filing comments with the FCC, interested parties should serve the petitioners, or their counsel or consultant, as follows: Eugene T. Smith, 715 G Street NW., Washington, DC 20003 (Counsel for the petitioner).

**FOR FURTHER INFORMATION CONTACT:** Kathleen Scheuerle, (202) 634-6530, Mass Media Bureau.

**SUPPLEMENTARY INFORMATION:** This is a summary of the Commission's Notice of Proposed Rule Making, MM Docket No. 86-443, adopted November 3, 1986, and released December 1, 1986. The full text of this Commission decision is available for inspection and copying during normal business hours in the FCC Dockets Branch (Room 230), 1919 M Street NW., Washington, DC. The complete text of this decision may also be purchased from the Commission's copy contractors, International Transcription Service, (202) 857-3800, 2100 M Street NW., Suite 140, Washington, DC 20037.

Provisions of the Regulatory Flexibility Act of 1980 do not apply to this proceeding.

Members of the public should note that from the time a Notice of Proposed Rule Making is issued until the matter is no longer subject to Commission consideration or court review, all *ex parte* contacts are prohibited in Commission proceedings, such as this one, which involve channel allotments.



See 47 CFR 1.1231 for rules governing permissible *ex parte* contact.

For information regarding proper filing procedures for comments, see 47 CFR 1.415 and 1.420.

#### List of Subjects in 47 CFR Part 73

Radio broadcasting.

Federal Communications Commission.

Ralph A. Haller,

Acting Chief, Policy and Rules Division, Mass  
Media Bureau.

[FR Doc. 86-27425 Filed 12-5-86; 8:45 am]

BILLING CODE 6712-01-M



# Notices

Federal Register

Vol. 51, No. 235

Monday, December 8, 1986

This section of the FEDERAL REGISTER contains documents other than rules or proposed rules that are applicable to the public. Notices of hearings and investigations, committee meetings, agency decisions and rulings, delegations of authority, filing of petitions and applications and agency statements of organization and functions are examples of documents appearing in this section.

## DEPARTMENT OF AGRICULTURE

### Forest Service

#### Rocky Mountain Forest and Range Experiment Station; Technical Meeting and Document Availability

**AGENCY:** Rocky Mountain Forest and Range Experiment Station, Forest Service, USDA.

**ACTION:** Notice of technical meeting and document availability.

**SUMMARY:** The Forest Service is holding a technical meeting to encourage technical and scientific review of proposed methods for measuring current chemical, physical, and biological conditions in alpine and subalpine ecosystems in wilderness areas.

The draft document presents a set of attributes and proposed protocols to measure these attributes under the constraints imposed by wilderness regulations [36 CFR Part 261].

The protocols are intended for use by an interested federal land managers, particularly those involved in Prevention of Significant Deterioration (PSD) permitting [40 CFR 51.24].

**DATES AND ADDRESSES:** Comments will be accepted until February 6, 1987.

Mail comments to Dr. Douglas G. Fox, Rocky Mountain Forest and Range Experiment Station, 240 W. Prospect Street, Fort Collins, Colorado 80526.

The meeting will be held January 22, 1987 in Boulder, Colorado, at the Hilton Harvest House.

**FOR FURTHER INFORMATION:** Contact, in writing, Dr. Douglas G. Fox, Rocky Mountain Forest and Range Experiment Station, 240 W. Prospect, Fort Collins, CO 80526.

**SUPPLEMENTARY INFORMATION:** The purpose of the meeting is to assess the technical quality and applicability of the proposed protocols, rather than the implementation of specific protocols by the Forest Service. At the meeting the

scientists involved in the ecological monitoring program will present the protocols and their reasons for proposing them.

Time will be provided for discussion. Some time after the meeting, a summary of all of the written comments received and the final protocols selected will be provided to all attendees and commentators.

Clyde A. Fasick,  
Acting Director.

December 2, 1986.

[FR Doc. 86-27416 Filed 12-5-86; 8:45 am]

BILLING CODE 3410-11-M

## DEPARTMENT OF COMMERCE

### International Trade Administration

[A-351-010]

#### Carbon Steel Wire Rod From Brazil; Final Results of Antidumping Duty Administrative Review

**AGENCY:** International Trade Administration, Import Administration Commerce.

**ACTION:** Notice of final results of antidumping duty administrative review.

**SUMMARY:** On October 14, 1986, the Department of Commerce published the preliminary results of its administrative review of the antidumping duty order that was in effect prior to October 1, 1984 on carbon steel wire rod from Brazil. The review covers one manufacturer and/or exporter of this merchandise to the United States and the period October 1, 1983 through April 30, 1984.

We gave interested parties an opportunity to comment on the preliminary results. We received no comments. Based on additional information and changes in our analysis, we have revised our preliminary results.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** Michael Rill or Maureen Flannery, Office of Compliance, International Trade Administration, U.S. Department of Commerce, Washington, DC 20230; telephone: (202) 377-5255/3601.

#### SUPPLEMENTARY INFORMATION:

##### Background

On October 14, 1986 the Department of Commerce ("the Department")

published in the **Federal Register** (51 FR 36578) the preliminary results of its administrative review of the antidumping duty order that was in effect prior to October 1, 1984 on carbon steel wire rod from Brazil (48 FR 52110, November 16, 1983). We began this review under our old regulations. The Department has now completed the administrative review in accordance with section 751 of the Tariff Act of 1930 ("the Tariff Act").

#### Scope of the Review

Imports covered by the review are shipments of carbon steel wire rod. This merchandise is currently classifiable under item 607.1700 of the Tariff Schedules of the United State Annotated.

The review covers one manufacturer and/or exporter of Brazilian carbon steel wire rod to the United States and the period October 1, 1983 through April 30, 1984.

#### Final Results of the Review

We invited interested parties to comment on the preliminary results. We received no comments or requests for a hearing. However, we have made certain changes to our calculation of dumping margins.

In conformance with our usual policy regarding selection of comparison sales, for the preliminary results we based foreign market value on home market sales made two months prior to the month of the U.S. sale; we found no suitable home market sale occurring in the month of the U.S. sale or in the immediately preceding month. However, due to hyperinflation in the Brazilian economy during the period of review, we have determined that it is more appropriate to base foreign market value on home market sales occurring in the month after the U.S. sale, because those home market sales are significantly closer in time to the date of the U.S. sale.

We also requested and received from the respondent additional information clarifying its claim for an adjustment for indirect selling expenses in the home market. Based on this additional information, we deducted from foreign market value certain indirect selling expenses in the home market up to the amount of the commission on the United States sale. In addition, we adjusted for a tax paid in the home market but not



collected on the exported merchandise in accordance with our usual practice.

As a result of these changes and an arithmetical correction to our calculation of the percentage weighted-average margin, we determine that a margin of 6.65 percent exists for Companhia Siderurgica Fi-El for the period October 1, 1983 through April 30, 1984.

The Department will instruct the Customs Service to assess antidumping duties on all appropriate entries. The Department will issue appraisal instructions directly to the Customs Service.

On September 20, 1985, the Department published in the *Federal Register* (50 FR 38150) a notice of the final results of its changed circumstances administrative review and its revocation of the order, effective October 1, 1984. This administrative review does not affect the revocation of the antidumping duty order. Therefore, we will instruct the Customs Service to continue to liquidate all entries of this merchandise exported on or after October 1, 1984 without regard to antidumping duties.

This administrative review and notice are in accordance with section 751(a)(1) of the Tariff Act (19 U.S.C. 1675(a)(1)) and section 353.53a of the Commerce Regulations (19 CFR 353.53a).

Dated: December 2, 1986.

Gilbert B. Kaplan,  
Deputy Assistant Secretary, Import  
Administration.

[FR Doc. 86-27531 Filed 12-5-86; 8:45 am]

BILLING CODE 3510-DS-M

As a result of the review, the Department has preliminarily determined to assess dumping duties equal to the calculated differences between United States price and foreign market value.

Interested parties are invited to comment on these preliminary results.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:**  
J. David Dirstine or Robert J. Marenick,  
Office of Compliance, International  
Trade Administration, U.S. Department  
of Commerce, Washington, DC 20230;  
telephone (202) 377-3601/5255.

**SUPPLEMENTARY INFORMATION:**

#### Background

On November 16, 1983, the Department of Commerce ("the Department") published in the *Federal Register* (48 FR 52112) an antidumping duty order on carbon steel wire rod from Trinidad and Tobago. After the promulgation of our new regulations, the petitioners and a respondent requested in accordance with § 353.53a(a) of the Commerce Regulations that we conduct an administrative review of the order. We published the notice of initiation of the antidumping duty administrative review on December 13, 1985 (50 FR 50933). On January 21, 1986, we published a correction notice in the *Federal Register* (51 FR 2747). As required by section 751 of the Tariff Act of 1930 ("the Tariff Act"), the Department has now conducted that administrative review.

#### Scope of the Review

Imports covered by the review are shipments of carbon steel wire rod, currently classifiable under item 807.17 of the Tariff Schedules of the United States.

The review covers one manufacturer/exporter of carbon steel wire rod from Trinidad and Tobago to the United States and the period November 1, 1984 through October 31, 1985.

#### United States Price

In calculating United States price the Department used purchase price or exporter's sales price ("ESP"), both as defined in section 772 of the Tariff Act, as appropriate. Purchase price was based on the packed f.o.b., c.i.f., or delivered price to unrelated purchasers in the United States. ESP was based on the f.o.b. mill or delivered price to unrelated purchasers in the United States. We made adjustments, where applicable, for U.S. and foreign inland freight, ocean freight, marine insurance, U.S. duty, stevedoring and wharfage charges, brokerage charges, discounts,

handling charges, credit expenses, and warranty expenses.

Where the U.S. importer provided the raw material to the Trinidad and Tobago wire rod manufacturer (ISCOTT) which it used to manufacture the exported carbon steel wire rod, consistent with our decision reached in the final determination on certain small diameter welded carbon steel pipes and tubes from the Philippines (57 FR 33099, September 18, 1986), United States price should be the price agreed to in the contract between the United States importer and ISCOTT. Because this decision was made so late in this administrative review, however, we do not have the necessary verified documentation upon which to base our calculations. Therefore, using the best information available, we made adjustments for ESP calculations for any increased value resulting from further processing, including profit attributable to the processing, performed on the imported merchandise after importation and before the sale to an unrelated purchaser in the U.S. No other adjustments were claimed or allowed.

#### Foreign Market Value

In calculating foreign market value the Department used home market price when sufficient quantities of such or similar merchandise were sold in the home market, or constructed value, as appropriate, both as defined in section 773 of the Tariff Act. Home market price was based on the packed f.o.b. warehouse price to unrelated purchasers in the home market. Where applicable, we made adjustments for credit expenses, rebates, and other selling expenses when a commission was paid in one market and not the other. We disallowed certain warehousing expenses as directly related selling expenses, but made an adjustment for them as indirectly related selling expenses.

As stated under the *United States Price* section, for sales where processing was involved we would have preferred to compare the manufacturing costs for exported merchandise with those for wire rod sold in the home market. The product sold in the home market, however, is not made from exactly the same input product as is the exported product. Lacking verified information to compare manufacturing costs in the two markets, therefore, we used constructed value for the home market sales. Constructed value consisted of the sum of the costs of materials, fabrication, general expenses, profit, and the cost of packing. The amount added for general expenses was the statutory minimum of

[A-274-001]

#### Carbon Steel Wire Rod From Trinidad and Tobago; Preliminary Results of Antidumping Duty Administrative Review

**AGENCY:** International Trade Administration, Import Administration Commerce.

**ACTION:** Notice of preliminary results of antidumping duty administrative review.

**SUMMARY:** In response to requests by the petitioners and a respondent, the Department of Commerce has conducted an administrative review of the antidumping duty order on carbon steel wire rod from Trinidad and Tobago. The review covers one manufacturer/exporter of this merchandise to the United States and the period November 1, 1984 through October 31, 1985. The review indicates the existence of dumping margins during the period.



ten percent of the sum of materials and fabrication costs because actual general expenses for the period were less than that amount. The amount added for profit was the statutory minimum of eight percent of the sum of the costs of materials, fabrication, and general expenses, because actual profits for the period were less than that amount. No other adjustments were claimed or allowed.

#### Preliminary Results of the Review

As a result of our comparison of United States price to foreign market value, we preliminarily determine that the following margin exists:

| Manufacturer/exporter                                        | Margin (percent) |
|--------------------------------------------------------------|------------------|
| The Iron and Steel Company of Trinidad and Tobago ("ISCOTT") | 6.33             |

Interested parties may submit written comments on these preliminary results within 21 days of the date of publication of this notice and may request disclosure and/or a hearing within 5 days of the date of publication. Any hearing, if requested, will be held 21 days after the date of publication or the first workday thereafter. Any request for an administrative protective order must be made no later than 5 days after the date of publication. The Department will publish the final results of the administrative review including the results of its analysis of any such comments or hearing.

The Department shall determine, and the Customs Service shall assess, antidumping duties on all appropriate entries. Individual differences between United States price and foreign market value may vary from the percentage stated above. The Department will issue appraisal instructions directly to the Customs Service.

Further, as provided for by § 353.48(b) of the Commerce Regulations, a cash deposit of estimated antidumping duties based on the above margin shall be required. For any future entries of this merchandise from a new exporter, not covered in this review, whose first shipments occurred after October 31, 1985 and who is unrelated to any reviewed firm or previously reviewed firm, a cash deposit of 6.33 percent shall be required. This deposit requirement is effective for all shipments of Trinidadian and Tobagoian carbon steel wire rod entered, or withdrawn from warehouse, for consumption on or after the date of publication of the final results of this administrative review.

This administrative review and notice are in accordance with section 751(a)(1) of the Tariff Act (19 U.S.C. 1675(a)(1))

and § 353.53a of the Commerce Regulations (19 CFR 353.53a).

Dated: December 2, 1986.  
Gilbert B. Kaplan,  
Deputy Assistant Secretary, for Import Administration.  
[FR Doc. 86-27532 Filed 12-5-86; 8:45 am]  
BILLING CODE 3510-DS-M

[A-351-012]

#### Hot-Rolled Carbon Steel Plate Cut to Length From Brazil, Final Results of Antidumping Duty Administrative Review

**AGENCY:** International Trade Administration, Import Administration Commerce.

**ACTION:** Notice of final results of antidumping duty administrative review.

**SUMMARY:** On November 3, 1986, the Department of Commerce published the preliminary results of its administrative review of the antidumping duty order that was in effect prior to October 1, 1984 on hot-rolled carbon steel plate cut on length from Brazil. The review covers three manufacturers and/or exporters of this merchandise to the United States and the period June 10, 1983 through September 30, 1984.

We gave interested parties an opportunity to comment on the preliminary results. We received no comments. Based on our analysis, the final results of review are unchanged from those presented in the preliminary results.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** Michael Rill or Maureen Flannery, Office of Compliance, International Trade Administration, U.S. Department of Commerce, Washington, DC 20230; telephone: (202) 377-5255/3601.

**SUPPLEMENTARY INFORMATION:**

#### Background

On November 3, 1986, the Department of Commerce ("the Department") published in the *Federal Register* (51 FR 39882) the preliminary results of its administrative review of the antidumping duty order that was in effect prior to October 1, 1984 on hot-rolled carbon steel plate cut to length from Brazil (September 10, 1984, 49 FR 35536). We began this review under our old regulations. The Department has now completed that administration review in accordance with section 751 of the Tariff Act of 1930 ("the Tariff Act").

#### Scope of the Review

Imports covered by the review are shipments of hot-rolled carbon steel

plates cut to length. Hot-rolled carbon steel plate cut to length covers hot-rolled carbon steel products, whether or not corrugated or crimped; not pickled; not cold-rolled; not in coils; not cut, not pressed and not stamped to non-rectangular shape; 0.1875 inch or more in thickness and over 8 inches in width, as currently classifiable under item 607.6615 or 607.9400 or the Tariff Schedules of the United States Annotated ("TSUSA"); and hot-rolled carbon steel plate which has been coated or plated with metal, including any material which has been painted or otherwise covered after having been coated or plated with metal, as currently classifiable under item 608.0710 or 608.1100 of the TSUSA. Semifinished products of solid rectangular cross sections with a width at least four times the thickness in cast condition or processed only through primary mill hot rolling are not included.

Hot-rolled carbon steel plate is used in the construction of bridges, mining equipment, pressure vessels, railroad freight and passenger cars, ships, line pipe, industrial machinery, machine parts, and a large variety of other products.

The review covers three manufacturers and/or exporters of Brazilian hot-rolled carbon steel plate cut to length to the United States and the period June 10, 1983 through September 30, 1984.

#### Final Results of the Review

We invited interested parties to comment on the preliminary results. We received no comments or requests for a hearing. Based on our analysis, the final results of our review are unchanged from those we presented in the preliminary results. We determine that the following margins exist for the period June 10, 1983 through September 30, 1984:

| Manufacturer/exporter | Margin (percent) |
|-----------------------|------------------|
| COSIPA                | 24.29            |
| USIMINAS              | 65.58            |
| CSN                   | 88.81            |

The Department will instruct the Customs Service to assess antidumping duties on all appropriate entries. For COSIPA, individual differences between United States price and foreign market value may vary from the percentage stated above. The Department will issue appraisal instructions on each exporter directly to the Customs Service.

On August 21, 1985, the Department published in the *Federal Register* (50 FR 33815) a notice of the final results of its



changed circumstances administrative review and its revocation of the order, effective October 1, 1984. This administrative review does not affect the revocation of the antidumping duty order. Therefore, we will instruct the Customers Service to continue to liquidate all entries of this merchandise entered, or withdrawn from warehouse, for consumption on or after October 1, 1984 without regard to antidumping duties.

This administrative review and notice are in accordance with section 751(a)(1) of the Tariff Act (19 U.S.C. 1675 (a)(1)) and § 353.53a of the Commerce Regulations (19 CFR 353.53a).

Dated: December 2, 1986.

Gilbert B. Kaplan,

Deputy Assistant Secretary Import Administration.

[FR Doc. 86-27533 Filed 12-5-86; 8:45am]

BILLING CODE 3510-DS-M

[C-301-001]

**Countervailing Duties; Leather Wearing Apparel From Colombia; Final Results of Countervailing Duty Administrative Review and Revised Suspension Agreement**

**AGENCY:** International Trade Administration Import Administration, Commerce.

**ACTION:** Notice of final results of countervailing duty administrative review and revised suspension agreement.

**SUMMARY:** On October 10, 1986, the Department of Commerce published the preliminary results of countervailing duty administrative review and proposed revised suspension agreement on leather wearing apparel from Colombia. The review covers the period July 1, 1983 through June 30, 1984 and three programs.

We gave interested parties an opportunity to comment on the preliminary results and proposed revised suspension agreement. After reviewing all of the comments received, we are revising the suspension agreement to substitute Astrakhan, Ltda., for Confecciones Amazonas Orinoco, the original signatory to the agreement, because Astrakhan, Ltda., now accounts for over 85 percent of all Colombian exports of leather wearing apparel to the United States. We have also revised the agreement to include programs found countervailable or potentially countervailable since the original agreement.

**EFFECTIVE DATE:** December 8, 1986.

**FOR FURTHER INFORMATION CONTACT:** Susan Silver or Paul McGarr, Office of Compliance, International Trade Administration, U.S. Department of Commerce, Washington, DC 20230; telephone: (202) 377-2786.

**SUPPLEMENTARY INFORMATION:**

**Background**

On May 1, 1984, the Department of Commerce ("the Department") published in the *Federal Register* (49 FR 19963) the final results of its last administrative review of the agreement suspending the countervailing duty investigation on leather wearing apparel from Colombia (46 FR 19963, April 2, 1981). We began this review under our old regulations. On September 27, 1985, after the promulgation of our new regulations, a domestic interested party, the Amalgamated Clothing and Textile Workers Union, requested in accordance with § 355.10 of the Commerce Regulations that we complete the administrative review of the suspension agreement. We published the new initiation on November 27, 1985 (50 FR 48825) and the preliminary results and proposed revised suspension agreement on October 10, 1986 (51 FR 36443). We have now completed that administrative review in accordance with section 751 of the Tariff Act of 1930 ("the Tariff Act").

**Scope of Review**

Imports covered by the review are shipments of Colombian men's, boys', womens', girls' and infants' leather coats and jackets, and other leather wearing apparel (such as vests, pants and shorts), as well as parts and pieces thereof. Such merchandise is currently classifiable under items 791.7620, 791.7640 and 791.7660 of the Tariff Schedules of the United States Annotated.

The review covers the period July 1, 1983 through June 30, 1984 and three programs: (1) CAT/CERT; (2) Resolution 59; and (3) Decree 2366.

**Analysis of Comments Received**

We invited interested parties to comment on the preliminary results. We received written comments from the Amalgamated Clothing and Textile Workers Union ("ACTWU"), a domestic interested party, and from the Colombian Government Trade Bureau ("PROEXPO").

*Comment 1:* PROEXPO argues that the benchmark the Department established for Resolution 59 financing does not represent a true weighted average of all sources of non-perferential financing in Colombia. The benchmark should represent a weighted average of all

commercial and non-targeted government lending. Commercial sources used in calculating the benchmark should include the balances and interest rates paid on savings accounts and certificates of deposit, as well as the balances of non-interest-bearing checking accounts. The non-targeted government sources used in the calculation should include PROEXPO funds, which constitute a significant portion of government lending, and bank contributions to government lending resources. The interest rates used for these various sources in the calculation should be the average of the highest and lowest rates rather than the highest rates available.

*Department's Position:* As stated in our preliminary results, we calculated our interest rate benchmark using the methodology in the suspension of countervailing duty investigation on certain textile mill products and apparel from Colombia (50 FR 9863, March 12, 1985) ("the textiles suspension of investigation"). In the textiles suspension of investigation, we determined that the predominant alternative to Resolution 59 loans was a package of government credit lines available to broad sectors of the economy and commercial banks' own resources. As a result of information provided by PROEXPO, we have revised our benchmark to 26.99 percent. With respect to the amount of lending available from commercial sources, we have used the balances for certificates of deposit, checking and savings accounts and deducted the amounts required for reserves, compulsory investments, and contributions to government lending institutions. We agree that the interest rates used on lending from these sources should be the average of the highest and lowest rates available, and we used an average of unregulated commercial lending rates and government lending rates. We cannot use the rates paid by banks for these funds, as suggested by PROEXPO, because our benchmark is based on the cost of funds to borrowers, not the cost of funds to banks. With respect to lending from government sources, we have used in our benchmark calculations the total lending from all non-targeted funds. We did not include PROEXPO because the PROEXPO funds are targeted to exports. As with funds from commercial sources, we have used in each case the average of the range of interest rates available.

*Comment 2:* ACTWU objects to the proposed revised suspension agreement, arguing that Confecciones Amazonas Orinoco ("CAO"), the original signatory



to the suspension agreement, violated the current suspension agreement as soon as its exports fell below 85 percent of exports to the United States. Once the violation occurred, the Department should have followed the procedures outlined in section 704(i) of the Tariff Act to cancel the suspension agreement and suspend liquidation. ACTWU views the proposed revised suspension agreement as one of a potentially unlimited series of revised suspension agreements, each in its turn violated and renegotiated, leaving the domestic industry unprotected from future violations and other unfair trade practices because no countervailing duties were collected. Although a new exporter, Astrakhan, Ltda., is said to account for over 85 percent of Colombia's exports of leather wearing apparel to the United States and is willing to comply with the terms of the proposed revised agreement, there is no assurance that Astrakhan will live up to the terms of the agreement based on the past experience of CAO. Further, the Colombian government bears substantial responsibility for allowing the violation of the agreement to have occurred, and there is no reason to assume that the bad faith shown thus far will not be repeated. Therefore, ACTWU urges the Department to cancel the agreement, impose countervailing duties immediately and attempt to assess countervailing duties retroactively for merchandise entered after CAO ceased accounting for 85 percent of total exports.

*Department's Position:* The Colombian government has demonstrated good faith with respect to the terms of the suspension agreement during three prior administrative reviews. We do not consider CAO's filing for bankruptcy to be a violation of the suspension agreement. Rather, this circumstance was unforeseen, and other exporters who are willing to enter into a suspension agreement should not be penalized. The Colombian government made every attempt to correct this situation by identifying new exporters willing to enter into a revised suspension agreement. Because Astrakhan, Ltda., accounts for over 85 percent of all exports of this merchandise and has renounced CERT benefits since July 1986, and because CERT benefits for exports of leather wearing apparel to the United States and Puerto Rico are no longer paid to any exporters, the Department has sufficient evidence of good faith on the part of leather wearing apparel exporters to go forward with the revised suspension agreement.

The revised agreement remedies the problem caused by CAO's bankruptcy and updates the terms of the original agreement by incorporating the latest information on subsidy programs in Colombia. The revised agreement does not deny the domestic industry relief from unfair trade practices. Rather, we believe that the revised agreement completely eliminates any countervailable benefits, that it can be monitored effectively, and that it is in the public interest.

#### Final Results of Review

After considering all of the comments received, we are revising the suspension agreement to substitute Astrakhan for CAO. The revised suspension agreement and letter of Colombian government obligations are attached as an appendix to this notice.

This administrative review, revised suspension agreement, and notice are in accordance with sections 704 and 751(a)(1) of the Tariff Act (19 U.S.C. 1671c and 1675(a)(1)) and sections 355.10, 355.31, and 355.32 (19 CFR 355.10, 355.31 and 355.32) of the Commerce Regulations.

Dated: December 2, 1986.

Gilbert B. Kaplan,

Deputy Assistant Secretary, Import Administration.

#### Revised Suspension Agreement

Pursuant to the provisions of section 704 of the Tariff Act of 1930 ("the Act") and § 355.31 of the Department of Commerce Regulations, the Department of Commerce ("the Department") and Astrakhan Ltda., (hereinafter "Astrakhan"), enter into the following revised Suspension Agreement ("the Agreement"). Astrakhan now accounts for over 85 percent of all imports of leather wearing apparel to the United States. Astrakhan replaces Confecciones Amazonas Orinoco ("CAO") as the signatory since CAO no longer exports to the United States. In consideration of this Agreement, the Central Bank of Colombia, PROEXPO and any other relevant administering authorities agree voluntarily to take such steps necessary to ensure that the renunciation of benefits by Astrakhan is implemented and monitored, and that the Department is informed of any other companies that are exporting, or begin exporting to the United States leather wearing apparel as defined by paragraph I below. On the basis of the foregoing, the Department revises the suspension agreement that became effective on April 2, 1981 (46 FR 19963) with respect to leather wearing apparel from Colombia to replace CAO with

Astrakhan as the signatory to the agreement and to include additional programs in accordance with the terms and conditions set forth below.

#### I. Scope of the Agreement

The Agreement applies to leather wearing apparel from Colombia ("the subject products"). The subject products cover men's, boys', women's, girls' and infants' leather coats and jackets, and other leather apparel (such as vests, pants and skirts), as well as parts, and pieces thereof as currently provided for in items 791.7620, 791.7640 and 791.7660 of the Tariff Schedules of the United States Annotated.

#### II. Basis of the Agreement

Astrakhan, accounting for more than eighty-five (85) percent of the total exports of leather wearing apparel from Colombia to the United States, agrees to the following:

A. Astrakhan will not apply for, or receive, tax certificates or other rebates, remissions or exemptions under the Tax Reimbursement Certificate program (CAT/CEPT) or any other provision of law that constitute, as determined by the Department, an overrebate of indirect taxes on shipments of the subject products exported, directly or indirectly, from Colombia to the United States.

b. Astrakhan will not apply for, or receive, any short-term export financing provided by the Export Promotion Fund, PROEXPO (e.g., Resolution 59 and Resolution 42 loans) and under any special government credit line for leather wearing apparel on or after the effective date of the Agreement, other than those offered at non-preferential terms and at or above the most recent short-term benchmark interest rate determined by the Department in this proceeding. Astrakhan shall repay, or begin negotiating the refinancing of, any such financing outstanding as of the effective date of this Agreement, on non-preferential terms and at the most recent short-term benchmark interest rate determined by the Department in this proceeding by the thirtieth day from the effective date of this Agreement. Repayment or refinancing shall be completed no later than ninety days after the effective date of the Agreement.

c. Astrakhan will not apply for, or receive, any long-term financing provided by the Export Promotion Fund, PROEXPO (e.g., Resolution 2366 loans and Resolution 14 loans) and under any special government credit line for leather wearing apparel, other than those offered on non-preferential terms



at or above the most recent long-term benchmark interest rate determined by the Department in this proceeding. Any such financing outstanding as of the effective date of this Agreement shall be repaid, or refinanced on non-preferential terms and at the most recent long-term benchmark interest rate determined by the Department in this proceeding, by the original due date of the loan, or by the sixtieth day from the effective date of this Agreement, whichever comes first. Any such repayment must be consistent with Colombian bankruptcy laws and procedures.

d. Astrakhan will not apply for, or receive, any benefits from duty and tax exemptions for capital equipment under the Plan Vallejo.

e. Astrakhan shall notify the Department in writing prior to applying for approval for any countertrade transaction, and prior to applying for any benefits from the Export Credit Insurance Program with respect to exports of the subject products exported, directly or indirectly, to the United States.

f. Astrakhan agrees that it will not apply for, or receive, any bounties or grants or shipments of the subject products exported, directly or indirectly, from Colombia to the United States which are countervailable under the Act. Bounties or grants on exports of the subject products to the United States include any which have been found or are likely to be found countervailable in any investigation or review under section 751 of the Act, involving any product from Colombia, including bounties or grants which the Department determines may apply to other products or exports to other destinations that cannot be segregated as applying solely to such other products or exports.

g. Astrakhan shall notify the Department in writing at least thirty days prior to applying for or accepting any new benefit which is, or is likely to be, a countervailable bounty or grant on shipments of the subject products exported from Colombia.

h. If any program under which benefits have been received in the past, and which is included in this Agreement, is found not to constitute a bounty or grant under the Act in the final results of an administration review of this Agreement under section 751 of the Act in this proceeding, then the renunciation of the benefits under that program will no longer be required.

### III. Monitoring of the Agreement

1. Astrakhan agrees to supply any information and documentation which the Department deems necessary to

demonstrate that there is full compliance with the terms of this Agreement.

2. Astrakhan will notify the Department if it:

a. Transships the subject products through third countries to the United States;

b. Alters its position with respect to any terms of the Agreement; or

c. Applies for, or receives, directly or indirectly, the benefits of the programs described in Section II for the manufacture or export of the subject products exported, directly or indirectly, from Colombia.

3. The Department will request information and may perform verifications periodically pursuant to administration reviews conducted under section 751 of the Act, in addition to exercising its rights under paragraphs III.1 and 2, above.

4. Astrakhan agrees to permit such verification and data collection as deemed necessary by the Department in order to monitor this Agreement.

5. Astrakhan agrees to notify the Department of the volume and value of exports of the subject products to the United States within 45 days from the end of each calendar quarter.

6. Astrakhan agrees to provide to the Department a periodic certification that it continues to be in compliance with the terms of the Agreement. A certification will be provided within 45 days from the end of each calendar quarter.

### IV. General Provisions

1. In entering into this Agreement, Astrakhan does not admit that any of the programs investigated constitute countervailable benefits within the meaning of the Act or the GATT Subsidies Code.

2. The provisions of section 704(i) shall apply if:

a. Astrakhan withdraws from this Agreement; or

b. The Department determines that the Agreement is being or has been violated or no longer meets the requirements of section 704 of the Act.

3. If the Department learns of any new producers or exporters to the United States of the subject products, it may attempt to negotiate an agreement with the additional producers or exporters.

4. Additionally, should exports to the United States by Astrakhan account for less than 85 percent of the leather wearing apparel imported, directly or indirectly, into the United States from Colombia, the Department may attempt to negotiate an agreement with additional producers or exporters or may terminate this Agreement and reopen the investigation or issue a

countervailing duty order as appropriate under § 355.32 of the Commerce Regulations. If reopened, the investigation will be resumed for all producers and exporters of the subject products as if the affirmative preliminary determination were made on the date that the Department terminates this Agreement.

### V. Effective Date

The effective date of the Agreement will be the date of publication of the final results of the current administrative review in the *Federal Register*. The provisions of paragraphs VIa-h apply with respect to exports of the subject products on or after the effective date. No applications may be made after the effective date of this Agreement for the benefits described in Section II on the subject products exported from Colombia before the effective date.

Signed on this 21st day of November 1986.  
Alberto Ortiz Gonzalez,  
Astrakhan Ltda.

I have determined pursuant to section 704(h) of the Act that the provisions of section II completely eliminate the benefits that the Government of Colombia is providing with respect to leather wearing apparel, exported, directly or indirectly, from Colombia to the United States. Furthermore, I have determined that this revised suspension agreement is in the public interest, that the provisions of sections III and the attached undertaking of the Government of Colombia ensure that this Agreement can be monitored effectively, and that this Agreement and attached undertaking meet the requirements of section 704(d) of the Act.

United States Department of Commerce.

Dated: December 2, 1986.

Gilbert B. Kaplan,  
Deputy Assistant Secretary, Import  
Administration.

November 28, 1986.

PX-WA-963

Mr. Gilbert B. Kaplan,  
Deputy Assistant Secretary, Import  
Administration, U.S. Department of  
Commerce, Room 3099, 14th and  
Constitution Ave., NW, Washington, DC  
20230.

Investigation C-301-001; Total number of  
pages: 2; this document contains no  
confidential information.

Re: Administrative Review, Suspension  
Agreement, Leather Wearing Apparel  
from Colombia

Dear Mr. Kaplan: In consideration of the  
Suspension Agreement between Astrakhan  
Ltda. ("Astrakhan") and the Department of  
Commerce, the Banco de la Republica,



PROEXPO, and any other administering authority voluntarily agree to take such steps as are necessary to ensure that the renunciation of benefits by Astrakan in this Agreement is effectively implemented and monitored, including:

1. Notifying the relevant authorities of the Government of Colombia of the terms of this Agreement in order to ensure action by those agencies, consistent with the terms of this paragraph;
2. Supplying any information and documentation that the Department deems necessary to demonstrate full compliance by Astrakan with the terms of this Agreement;
3. Permitting such verification and data collection as deemed necessary by the Department in order to monitor this Agreement;
4. Notifying the Department if it becomes aware that Astrakan is transshipping the subject products through third countries to the United States;
5. Notifying the Department if it alters its position with respect to any of the terms of this Agreement;
6. Notifying the Department if it changes the tax rebate rate under the CERT program, indirect tax rates, or import duty rates for the subject products;
7. Notifying the Department if Astrakan applies for, or receives, directly or indirectly, the benefits of the programs described in paragraphs II a-f for the manufacture or export of the subject products exported from Colombia;
8. Notifying the Department if Astrakan becomes eligible for, applies for, or receives any new or substitute benefits on the subject products exported from Colombia in contravention of paragraph IIg of the Agreement; and
9. Notifying the Department of any new firms that it learns are exporting the subject products to the United States.

The Banco de la Republica, PROEXPO, and any other administering authority also voluntarily agree to provide to the Department, within 45 days of the end of each calendar quarter, all relevant information deemed by the Department to be necessary to maintain this Agreement. The information shall include, but not be limited to:

1. A certification (provided after consultation with each agency responsible for administering the programs in Section II) that Astrakan has not applied for or received any benefits described in Section II on shipments of the subject products exported from Colombia;
2. A certification that Astrakan continues to account for 85% of total exports of leather wearing apparel exported, directly or indirectly, from Colombia to the United States; and
5. A certification that Astrakan continues to be in full compliance with the Agreement.

The Banco de la Republica, PROEXPO, and any other administering authority's voluntary undertaking is not an admission that any of the programs investigated or included in the revised Suspension Agreement constitute counteravailable benefits under the Act or the Subsidies Code.

The Banco de la Republica, PROEXPO, and any other administering authority recognize that this undertaking is essential to the continuation of the Agreement.

Very truly yours,

Andres Lloreda.

[FR Doc. 86-27534 Filed 12-5-86; 8:45 am]

BILLING CODE 3510-DS-M

## National Oceanic and Atmospheric Administration

### Receipt of Application for General Permit; Marine Mammals

Notice is hereby given that the following application has been received to take marine mammals incidental to commercial fishing operations within the U.S. exclusive economic zone (EEZ) during 1987 as authorized by the Marine Mammal Protection Act of 1972 (16 U.S.C. 1361-1407) and the regulations thereunder.

VEB Fischfang Rostock, 2501 Rostock 5, German Democratic Republic has applied for a Category 1 "Towed or Dragged Gear" general permit to take up to 10 cetaceans in the North Atlantic Ocean.

Under a general permit valid through 1985 VEB Fischfang took 16 cetaceans in the U.S. EEZ.

The application is available for review in the Protected Species Division, National Marine Fisheries Service, 1825 Connecticut Avenue NW., Room 805, Washington, DC.

Interested parties may submit written views on this application within 30 days of the date of this notice to the Acting Chief, Protected Species Division, NOAA-F/M4, Washington, DC 20235.

Dated: December 2, 1986.

Henry R. Beasley,

Director, Office of International Fisheries, National Marine Fisheries Service.

[FR Doc. 86-27513 Filed 12-5-86; 8:45 am]

BILLING CODE 3510-22-M

### Permits; Foreign Fishing

This document publishes for public review a summary of applications received by the Secretary of State requesting permits for foreign vessels to fish in the fishery conservation zone under the Magnuson Fishery Conservation and Management Act (Magnuson Act, 16 U.S.C. 1801 *et seq.*).

Send comments on applications to: Fees, Permits and Regulations Division (F/M12), National Marine Fisheries Service, Department of Commerce, Washington, DC 20235

or, send comments to the Fishery Management Council(s) which review the application(s), as specified below:

Douglas G. Marshall, Executive Director, New England Fishery Management Council, 5 Broadway (Route 1), Saugus, MA 01906, 617/231-0422

John C. Bryson, Executive Director, Mid-Atlantic Fishery Management Council, Federal Building, Room 2115, 320 South New Street, Dover, DE 19901, 302/674-2331

Robert K. Mahood, Executive Director, South Atlantic Fishery Management Council, Southpark Building, Suite 306, 1 Southpark Circle, Charleston, SC 29407, 803/571-4366

Omar Munoz-Roure, Executive Director, Caribbean Fishery Management Council, Banco De Ponce Building, Suite 1108, Hato Rey, PR 00918, 809/753-4926

Wayne E. Swingle, Executive Director, Gulf of Mexico Fishery Management Council, Lincoln Center, Suite 881, 5401 West Kennedy Blvd., Tampa, FL 33609, 813/228-2815

Joseph C. Greenley, Executive Director, Pacific Fishery Management Council, Metro Building, Suite 4200, 2000 S.W. First Avenue, Portland, OR 97201, 503/221-6352

Jim H. Branson, Executive Director, North Pacific Fishery Management Council, P.O. Box 103136, Anchorage, AK 99510, 907/274-4563

Kitty M. Simonds, Executive Director, Western Pacific Fishery Management Council, 1164 Bishop Street, Room 1405, Honolulu, HI 96813, 808/523-1368

For further information contact John D. Kelly or Shirley Witted (Fees, Permits, and Regulations Division, 202-673-5319).

The Magnuson Act requires the Secretary of State to publish a notice of receipt of all applications for such permits summarizing the contents of the applications in the Federal Register. The National Marine Fisheries Service, under the authority granted in a memorandum of understanding with the Department of State effective November 29, 1983, issues the notice on behalf of the Secretary of State.

Individual vessel applications for fishing in 1987 have been received from the Governments shown below.

Dated: December 4, 1986.

Joseph W. Angelovic,  
Deputy Assistant Administrator for Science and Technology, National Marine Fisheries Service.

Fishery codes and designation of Regional Fishery Management Councils which review applications for individual fisheries are as follows:



| Code Fishery                                                | Regional Fishery Management Councils                                  |
|-------------------------------------------------------------|-----------------------------------------------------------------------|
| ABS Atlantic Billfishes and Sharks.                         | New England, Mid Atlantic, South Atlantic, Gulf of Mexico, Caribbean. |
| BSA Bering Sea and Aleutian Islands Groundfish.             | North Pacific.                                                        |
| GOA Gulf of Alaska ..                                       | North Pacific.                                                        |
| NWA Northwest Atlantic Ocean.                               | New England, Mid-Atlantic.                                            |
| SNA Snails (Bering Sea).                                    | North Pacific.                                                        |
| WOC Pacific Groundfish (Washington, Oregon and California). | Pacific.                                                              |
| PBS Pacific Billfishes and Sharks.                          | Western Pacific.                                                      |

Activity codes which specify categories of fishing operations applied for are as follows:

| Activity Code | Fishing Operations                                                                                                                                                  |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.....        | Catching, processing and other support.                                                                                                                             |
| 2.....        | Processing and other support only.                                                                                                                                  |
| 3.....        | Other support only.                                                                                                                                                 |
| *.....        | Vessel(s) in support of U.S. vessels (Joint Venture).                                                                                                               |
| **.....       | Cargo transport vessels with fish finding equipment on board will receive an activity code 2 to enable them to perform both scouting as well as support activities. |

#### Joint Venture

##### Poland

The Government of the Polish People's Republic has submitted an amendment to its 1987 joint venture permit application for the Bering Sea and Aleutian Islands fisheries published November 26, 1986, 51 FR 42896. The amendment requests that the species amounts be increased as follows: pollock, 30,000 mt; Pacific cod, 700 mt; Pacific Ocean perch, 16 mt; other rockfish, 16 mt; sablefish, 15 mt; other flatfish, 170 mt; arrowtooth flounder, 40 mt; Greenland turbot, 65 mt; yellowfin sole, 130 mt; atka mackerel, 15 mt; squid 70 mt; and other species, 180 mt.

##### Japan

The Government of Japan has

submitted permit applications for three joint venture operations in the Alaskan fisheries using the factory/mother ships, SOYO MARU and HOYO MARU with the American partner, Northern Deep Sea Fisheries, Inc., and MINESHIMA MARU with the American partner Westward Trawlers. Both U.S. companies are located in Seattle, WA. Each operation will also employ Japanese tender vessels to offload fish from the domestic vessels to the mother ships. The total species amounts requested in 1987 by Japan were published November 26, 1986, 51 FR 42897.

#### Correction

In the joint venture notice published November 26, 1986, 51 FR 42896 for the Government of the Union of Soviet Socialist Republics, the Marine Resources Co, Seattle, WA, was listed in error as the American partner for the mackerel joint venture partner in the Northwest Atlantic Ocean fisheries. The American partner in the that joint venture is Scan Ocean, Inc., Gloucester, MA.

[FR Doc. 86-27638 Filed 12-4-86; 4:36 pm]  
BILLING CODE 3510-22-M

#### COMMITTEE FOR PURCHASE FROM THE BLIND AND OTHER SEVERELY HANDICAPPED

##### Procurement List 1987, Additions

**AGENCY:** Committee for Purchase From the Blind and Other Severely Handicapped.

**ACTION:** Additions to procurement list.

**SUMMARY:** This action adds to Procurement List 1987 commodities to be produced by workshops for the blind or other severely handicapped.

**EFFECTIVE DATE:** December 8, 1986.

**ADDRESS:** Committee for Purchase from the Blind and Other Severely Handicapped, Crystal Square 5, Suite 1107, 1755 Jefferson Davis Highway, Arlington, Virginia 22202-3509.

**FOR FURTHER INFORMATION CONTACT:** C.W. Fletcher (703) 557-1145.

**SUPPLEMENTARY INFORMATION:** On August 1, 1986, the Committee for Purchase from the Blind and Other Severely Handicapped published notices (50 FR 41809) of additions to Procurement List 1987, November 3, 1986 (51 FR 39945).

#### Additions

After consideration of the relevant matter presented, the Committee has

determined that the commodities listed below are suitable for procurement by the Federal Government under 41 U.S.C. 46-48c, 85 Stat. 77 and 41 CFR 51-2.6.

I certify that the following action will not have a significant impact on a substantial number of small entities. The major factors considered were:

a. The action will not result in any additional reporting, recordkeeping or other compliance requirements.

b. The action will not have a serious economic impact on any contractors for the commodities listed.

c. The action will result in authorizing small entities to produce the commodities procured by the Government.

Accordingly, the following commodities are hereby added to Procurement List 1987:

#### Commodities

File, Work Organizer

7520-00-286-1722

7520-00-286-1723

7520-00-833-7343.

C.W. Fletcher,

Executive Director.

[FR Doc. 86-27501 Filed 12-5-86; 8:45 am]

BILLING CODE 6820-33-M

#### Procurement List 1987, Proposed Additions, Correction

In FR Doc. 86-26298 appearing on page 42130 in the issue of Friday, November 21, 1986, make the following correction:

In the third column under commodities, the NSN for Case, Ear Plug should read:

6515-01-212-9452.

Because of this change, the time for receipt of comments on the proposed addition of this service is extended until December 31, 1986.

C. W. Fletcher,

Executive Director.

[FR Doc. 86-27500 Filed 12-5-86; 8:45 am]

BILLING CODE 6820-33-M

#### DEPARTMENT OF DEFENSE

##### Office of the Secretary

#### Defense Intelligence Agency Scientific Advisory Committee; Closed Meeting

**AGENCY:** Defense Intelligence Agency Scientific Advisory Committee.

**ACTION:** Notice of closed meeting.

**SUMMARY:** Pursuant to the provisions of subsection (d) of section 10 of Pub. L.



92-463, as amended by section 5 of Pub. L. 94-409, notice is hereby given that a closed meeting of the DIA Scientific Advisory Committee has been scheduled as follows:

**DATES:** Monday and Tuesday, 12-13 January 1987, 9:00 a.m. to 5:00 p.m. each day.

**ADDRESS:** The DIAC, Bolling AFB, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** Colonel Duarte A. Lopes, USAF, Acting Executive Secretary, DIA Scientific Advisory Committee, Washington, DC 20340 (202/373-4930).

**SUPPLEMENTARY INFORMATION:** The entire meeting is devoted to the discussion of classified information as defined in section 552b(c)(1), Title 5 of the U.S. Code and therefore will be closed to the public. The Committee will receive briefings on and discuss several current critical intelligence issues and advise the Director, DIA on related scientific and technical intelligence matters.

Patricia H. Means,  
*OSD Federal Register Liaison Officer,*  
*Department of Defense.*

December 2, 1986.

[FR Doc. 86-27406 Filed 12-5-86; 8:45 am]

BILLING CODE 3810-01-M

#### Defense Intelligence Agency Scientific Advisory Committee; Closed Meeting

**AGENCY:** Defense Intelligence Agency Scientific Advisory Committee.

**ACTION:** Notice of closed meeting.

**SUMMARY:** Pursuant to the provisions of subsection (d) of section 10 of Pub. L. 92-463, as amended by section 5 of Pub. L. 94-409, notice is hereby given that a closed meeting of a panel of the DIA Scientific Advisory Committee has been scheduled as follows.

**DATE:** Wednesday, 14 January 1987, 9:00 a.m. to 5:00 p.m.

**ADDRESS:** The DIAC, Bolling AFB, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** Colonel Duarte A. Lopes, USAF, Acting Executive Secretary, DIA Scientific Advisory Committee, Washington, DC 20301 (202/373-4930).

**SUPPLEMENTARY INFORMATION:** The entire meeting is devoted to the discussion of classified information as defined in section 552b(c)(1), Title 5 of the U.S. Code and therefore will be closed to the public. Subject matter will

be used in a special study on intelligence support systems.

Patricia H. Means,  
*OSD Federal Register Liaison Officer,*  
*Department of Defense.*

December 2, 1986.

[FR Doc. 86-27407 Filed 12-5-86; 8:45 am]

BILLING CODE 3810-01-M

#### Department of the Air Force

##### USAF Scientific Advisory Board Meeting

November 26, 1986.

The USAF Scientific Advisory Board Aerospace Medical Division (AMD) Advisory Group will conduct a closed meeting at Brooks AFB, TX on February 4, 1987 from 8:00 a.m. to 5:00 p.m. and on February 5, 1987 from 8:00 a.m. to 1:00 p.m. in the Aerospace Medical Division main conference room.

The purpose of the meeting will be to discuss selected programs and projects related to the mission of the Aerospace Medical Division.

The meeting concerns matters listed in section 552b(c) of Title 5, United States Code, specifically subparagraph (1) thereof, and accordingly, will be closed to the public.

For further information, contact the Scientific Advisory Board Secretariat at 202-697-8404.

Norita C. Koritko,  
*Air Force Federal Register Liaison Officer.*  
[FR Doc. 86-27472 Filed 12-5-86; 8:45 am]

BILLING CODE 3810-01-M

#### DEPARTMENT OF EDUCATION

[(CFDA No. 84.128G)]

##### Applications Invited for New Awards Under the Handicapped Migratory Agricultural and Seasonal Farmworker Vocational Rehabilitation Service Projects Program for Fiscal Year 1987

**Purpose:** This program supports projects conducted by State or local vocational rehabilitation agencies which provide vocational rehabilitation services to handicapped migratory agricultural workers or handicapped seasonal farmworkers.

**Deadline for Transmittal of Applications:** February 5, 1987.

**Deadline for Intergovernmental Review Comments:** March 16, 1987.

**Applications Available:** December 19, 1986 **Available Funds:** \$797,900.

**Estimated Range of Awards:** \$80,000 to \$100,000.

**Estimated Average Size of Awards:** \$87,000.

**Estimated Number of Awards:** 9.

**Project Period:** 36 months.

**Applicable Regulations:** (a) Regulations governing the Handicapped Migratory and Seasonal Farmworker Vocational Rehabilitation Service Projects Program, 34 CFR Parts 369 and 375, and (b) Education Department General Administrative Regulations, 34 CFR Parts 74, 75, 77, 78, and 79.

**For Applications or Information Contact:** Frank S. Caracciolo, U.S. Department of Education, 400 Maryland Avenue, SW., Room 3320 Switzer Building, MS 2312, Washington, DC 20202. Telephone: (202) 732-1340.

**Program Authority:** 29 U.S.C. 777(b).

Dated: December 3, 1986.

Madeleine Will,  
*Assistant Secretary for Special Education and Rehabilitative Services.*

[FR Doc. 86-27504 Filed 12-5-86; 8:45 am]

BILLING CODE 4000-01-M

#### DEPARTMENT OF ENERGY

##### Bonneville Power Administration

##### Proposed Modification to 1985 Surplus Firm Power Rate Schedule (SP-85) and Opportunity for Public Review and Comment

**AGENCY:** Bonneville Power Administration (BPA), DOE.

**ACTION:** Notice and request for comments. *BPA File No:* SP-85, BPA requests that all comments and documents submitted as part of the Official Record compiled in the process of modifying the 1985 Surplus Firm Power rate schedule (SP-85) contain the file number designation SP-85.

**SUMMARY:** Section 7 of the Pacific Northwest Electric Power Planning and Conservation Act (Northwest Power Act), 16 U.S.C. 839e, provides that BPA may establish and periodically revise rates. In this proceeding, BPA proposes to modify the availability provision of the 1985 Surplus Firm Power (SP-85) rate schedule so that this rate is available to serve incremental loads of Direct Service Industrial (DSI) customers other than those DSIs that purchase under either the Variable Industrial Power rate (VI-86) or the Special Industrial Power rate (SI-85) schedule.

**Responsible Official:** Ms. Shirley R. Melton is the official responsible for modification of the SP-85 rate.

**DATE:** Any interested person may participate in this proceeding. Written comments should be submitted to Donna L. Geiger in BPA's Public Involvement Office no later than 5 p.m., Wednesday,



December 10, 1986, at the address listed below. Cross-examination of BPA's witness will be conducted December 9, 1986, beginning 1 p.m., in Room 464, Bonneville Power Administration, 1002 NE Holladay, Portland, Oregon. The Administrator's final Record of Decision will be available December 12, 1986.

**ADDRESS:** Written comments should be submitted to Donna L. Geiger, Public Involvement Manager, Bonneville Power Administration, P.O. Box 12999, Portland, Oregon 97212.

**FOR FURTHER INFORMATION CONTACT:** Ruth Hiraki, Public Involvement Office, at the address listed above, 503-230-3478. Oregon callers outside Portland may use 800-452-8429; callers in Idaho, Montana, Nevada, Utah, Wyoming, Washington and California may use 800-547-6048. Information may also be obtained from:

Mr. Terrence G. Esvelt, Puget Sound Area Manager, Room 250, 415 First Avenue North, Seattle, Washington 98109, 206-442-4130

Mr. George E. Gwinnutt, Lower Columbia Area Manager, Suite 288, 1500 Plaza Building, 1500 NE Irving Street, Portland, Oregon 97208, 503-230-4551

Mr. Ladd Sutton, Eugene District Manager, Room 206, 211 East Seventh Street, Eugene, Oregon 97401, 503-687-6952

Mr. Wayne R. Lee, Upper Columbia Area Manager, Room 561, West 920 Riverside Avenue, Spokane, Washington 99201, 509-456-2518

Mr. Ronald K. Rodewald, Wenatchee District Manager, P.O. Box 741, Wenatchee, Washington 98801, 509-662-4377, extension 379

Mr. George E. Eskridge, Montana District Manager, 800 Kensington, Missoula, Montana 59801, 406-329-3060

Mr. Thomas Wagenhoffer, Snake River Area Manager, West 101 Poplar, Walla, Walla, Washington 99362, 509-522-6226, extension 701.

Mr. Robert N. Laffel, Idaho Falls District Manager, 531 Lomax Street, Idaho Falls, Idaho 83401, 208-523-2706

Mr. Frederic D. Rettenmund, Boise District Manager, Federal Building, 550 W. Fort Street, Room 376, Boise, Idaho 83724, 208-334-9137.

#### SUPPLEMENTARY INFORMATION:

##### I. Background

Recently, BPA has experienced a significant reduction in revenue from sales of its surplus firm power (SP). This reduction has been caused primarily by declining oil and gas prices which have made fossil fuel generation more attractive to potential Pacific Southwest (PSW) purchasers than SP purchases at or near its fully allocated cost. In order to remain competitive in the PSW market, BPA has had to reduce significantly the price of its power. BPA is currently selling SP to the PSW at

approximately 13 mills per kilowatthour for the period of December 1986 through May 1987. This rate is approximately half of the fully allocated cost of the power.

BPA has received numerous comments from customers and other persons suggesting that BPA should market its surplus within the Pacific Northwest (PNW), retaining benefits in this region, rather than selling it to the PSW at low rates. Surplus sold in the PNW could be used to serve incremental load, i.e., load that would not exist absent a special marketing effort. In this way, BPA could be assured that selling SP to PNW entities would not displace other sales at rates based on fully allocated costs. As a result of these comments, BPA is currently undertaking a short-term "pilot project" sale of SP to its PNW customers. The rate for this power would be the applicable Surplus Firm Power (SP-85) rate, a rate which contains sufficient flexibility for BPA to meet the market.

BPA's primary reason for undertaking this sale is to gain experience in regional marketing. BPA expects that the experience from this pilot project will be of great value in our efforts to develop future regional marketing programs.

In order to maximize the benefits from this sale, BPA must make power available not only to utilities for their end-use consumers, but also to BPA's non-aluminum DSI customers. These customers could be a source of substantial incremental load for BPA. In addition, if this surplus power is not available to the non-aluminum DSIs, they could be placed at a competitive disadvantage compared to retail industrial customers which accept the power through their serving utility.

Purchasers of Variable Industrial (VI-86) rate power and Special Industrial (SI-85) rate power might also be interested in participating in this sale. However, BPA has already developed and implemented special rates for those loads. Those special rates were designed to minimize the effect of power costs on industrial operating decisions. Therefore, allowing such customers to participate in this sale would be inappropriate, since such loads will be served at existing rates.

As the SP-85 rate schedule is currently written, all DSIs are specifically precluded from purchasing power under the SP-85 rate. The purpose of this exclusion was to prevent industries from substituting SP for Industrial Firm Power (IP) during periods when the price of SP fell below the price of IP. However, such displacement would not occur under BPA's proposed pilot project since the

SP-85 rate would apply *only* to incremental sales.

In order to make SP available to all PNW customers BPA has identified as eligible for this project, BPA must revise the availability section of its SP-85 rate schedule to allow BPA to sell SP to non-aluminum DSIs for their incremental loads. This notice formally announces BPA's intention to modify this schedule pursuant to section 7(i) of the Northwest Power Act, 16 U.S.C. 839e(i). Only those industries buying power under the IP-85 rate would be affected.

##### II. Relevant Statutory Provisions

Section 5(f) of the Northwest Power Act authorizes that Administrator to sell power and energy that is surplus to the Administrator's obligations. 16 U.S.C. 839c(f). Section 7 of the Northwest Power Act contains a number of general directives that the BPA Administrator must consider in establishing rates for the sale of electric energy and capacity. 16 U.S.C. 839e. In particular, section 7(a) (1) provides that rates shall be established and, as appropriate, revised to ensure that BPA is financially self-sufficient. 16 U.S.C. 839e(a)(1). Rates established by BPA must be established according to the procedural requirements of section 7(i) of the Act.

##### III. Procedures Governing This Rate Adjustment

Pursuant to section 7(i) of the Northwest Power Act, 16 U.S.C. 839e(i), issues relevant to modification of the SP-85 rate schedule availability provision will be subject to a hearing as described herein. Pursuant to Rule 1010.1(d) of Procedures Governing Bonneville Power Administration Rate Hearings, 51 FR 7611, 7614 (March 5, 1986), the Administrator hereby notifies interested persons that all procedures contained in 51 FR 7611 are waived and the following alternative procedures, consistent with the requirements of section 7(i), are adopted for use in this proceeding only.

BPA adopts these alternative expedited procedures for two reasons. First, BPA would like to implement this pilot project as soon as practical. Early implementation is necessary in order to make this available to PNW customers at the earliest possible time and to give BPA the experience it needs with sufficient time to evaluate the results of this project for potential future use. Second, BPA would like to submit this modification to the Federal Energy Regulatory Commission for consideration prior to final confirmation and approval of BPA's 1985 Wholesale Power rates. BPA believes that time is of



the essence in order to accomplish both of these objectives.

Formal intervention in this case is not a prerequisite to participation. Any interested person may participate by submitting written comments or offering oral presentation, or both. Persons wishing to cross-examine the BPA witness, submit written comments and rebuttal, or make an oral presentation may do so consistent with this **Federal Register** notice. This **Federal Register** notice constitutes BPA's rate proposal and testimony in support of its proposal. BPA will not file additional written testimony.

Persons who intend to submit written comments should submit such comments to BPA's Public Involvement Office no later than 5 p.m. December 10, 1986. BPA will afford any person an opportunity to cross-examine the BPA witness respecting this proposal on December 9, 1986, at 1 p.m. in Room 464, BPA Headquarters, 1002 NE Holladay, Portland, Oregon. Persons may make oral presentation respecting this rate proposal at the time scheduled for cross-examination of BPA witnesses. Persons wishing to make oral presentation should schedule such presentation by contacting Mr. Geoffrey Kronick, BPA Hearing Clerk, at 503-230-4201, no later than 5 p.m. Monday, December 8, 1986. Oral presentations should be no longer than 15 minutes. Reasonable cross-examination or questioning of persons offering oral presentations may be permitted by the Hearing Officer.

The Administrator's final Record of Decision will be issued December 12, 1986.

#### IV. Rate Proposal

BPA proposes to modify the "Availability" section of the SP-85 rate schedule to allow those DSI's who are buying under the IP rate schedule to purchase SP under the SP-85 rate for incremental loads. The current SP Availability language is as follows:

This schedule is available for the purchase of Surplus Firm Power or capacity to be used either for resale or direct consumption. Surplus Firm Power or capacity may be sold to entities inside and outside the Pacific Northwest as well as outside the United States. This rate schedule shall not apply to contracts for which rates have been negotiated pursuant to section 7(1) of the Northwest Power Act. In addition, this schedule is not available to any direct-service industrial purchaser who buys power under either Schedule IP-85 or Schedule SI-85. Schedule SP-85 supersedes schedule SP-83 which went into effect on an interim basis on November 1, 1983.

BPA proposes the following changes to the availability section of SP-85. Language that will be deleted from the

existing SP-85 rate schedule has been bracketed. Language that will be added has been italicized.

This schedule is available for the purchase of Surplus Firm Power or capacity to be used either for resale or direct consumption. Surplus Firm Power or capacity may be sold to entities inside and outside the Pacific Northwest as well as outside the United States. This rate schedule shall not apply to contracts for which rates have been negotiated pursuant to section 7(1) of the Northwest Power Act. In addition, this schedule is not available to any direct-service industrial purchaser who buys power [under either Schedule IP-85] *for loads served under either Schedule VI-86 or Schedule SI-85. Direct-service industries served under Schedule IP-85 may buy Surplus Firm Power only for incremental industrial loads as approved by the Administrator.* Schedule SP-85 supersedes schedule SP-83 which went into effect on an interim basis on November 1, 1983.

Issued in Portland, Oregon this 1st day of December 1986.

Robert E. Ratcliffe,

Acting Administrator.

[FR Doc. 86-27399 Filed 12-5-86; 8:45 am]

BILLING CODE 6450-01-M

#### Federal Energy Regulatory Commission

[Docket Nos. ER87-128-000, et al.]

#### Arkansas Power & Light Co., et al.; Electric Rate and Corporate Regulation Filings

December 2, 1986.

Take notice that the following filings have been made with the Commission:

##### 1. Arkansas Power & Light Company

[Docket No. ER87-128-000]

Take notice that on November 26, 1986, Arkansas Power & Light Company (AP&L) tendered for filing a proposed Agreement for purchase of electric service by the City of Prescott, Arkansas (City) from AP&L.

The proposed Agreement, signed by AP&L and City, covers sales of power and energy by AP&L to City for the period from October 12, 1986 to October 11, 1996. Accordingly, AP&L has requested waiver of the Commission's notice requirements as well as waiver of various cost support filing requirements.

*Comment date:* December 12, 1986, in accordance with Standard Paragraph E at the end of this notice.

##### 2. Boston Edison Company

[Docket No. ER87-122-000]

Take notice that on November 26, 1986, Boston Edison Company of Boston, Massachusetts, tendered for filing as Supplement No. 18 to Rate Schedule No.

51 a proposed formula rate to recover the cost of improvements and additions to the subtransmission facilities serving the Town of Wellesley, Massachusetts. The Company asks that the formula rate be made effective on January 26, 1987.

The Company states that it has served a copy of this filing upon the Town of Wellesley, Massachusetts and the Massachusetts Department of Public Utilities.

*Comment date:* December 12, 1986, in accordance with Standard Paragraph E at the end of this notice.

##### 3. Central Power and Light Company

[Docket No. ER87-117-000]

Take notice that on November 24, 1986, Central Power and Light Company ("CPL") tendered for filing an Agreement for firm Transmission Service between CPL and Texas Utilities Electric Company ("TUEC"), dated October 29, 1986. The Agreement provided for CPL to furnish firm transmission service to TUEC for 200,000 kilowatts of power and associated energy from Texas Municipal Power Pool and for 200,000 kilowatts of power and associated energy from the Lower Colorado River Authority during the period June 1, 1985, to and through December 31, 1985. Because the Agreement terminated by its own terms and no new rate schedules or parts thereof were or are to be filed in place of the Agreement, CPL also tendered a Notice of Cancellation of the Agreement.

CPL requests an effective date of June 1, 1985, for the Agreement and an effective date of December 31, 1985, for the Notice of Cancellation and therefore requests waiver of the Commission's notice requirements.

Copies of this filing have been sent to the Public Utility Commission of Texas and Texas Utilities Electric Company.

*Comment date:* December 12, 1986, in accordance with Standard Paragraph E at the end of this notice.

##### 4. New England Power Company

[Docket No. ER87-116-000]

Take notice that New England Power Company ("NEP") on November 21, 1986 filed notices of termination relative to the following rate schedules:

| Rate schedule No. | Other party                    | Term                           |
|-------------------|--------------------------------|--------------------------------|
| 308               | Town of Hudson, Massachusetts. | May 1, 1977 to Oct. 31, 1986.  |
| 313               | Town of Hudson, Massachusetts. | Nov. 1, 1982 to Oct. 31, 1986. |



NEP states that these rate schedules have terminated in accordance with their own terms.

*Comment date:* December 12, 1986, in accordance with Standard Paragraph E at the end of this notice.

#### 5. Tampa Electric Company

[Docket No. ER87-129-000]

Take notice that on November 26, 1986, Tampa Electric Company (Tampa Electric) tendered for filing a Letter of Commitment providing for the firm interchange of 50 megawatts of capacity and energy between Tampa Electric and the City of Lakeland, Florida. Tampa Electric states that the Letter of Commitment is submitted as a supplement to Service Schedule J (negotiated interchange service) under the existing agreement for interchange service between Tampa Electric and Lakeland, designated as Tampa Electric's Rate Schedule FERC No. 21. Tampa Electric states that the prior letter of commitment between Tampa Electric and Lakeland under Service Schedule J will expire by its own terms before the proposed effective date of the Letter of Commitment tendered in this docket.

Tampa Electric proposes an effective date of December 1, 1986 for the Letter of Commitment, and therefore requests waiver of the Commission's notice requirements.

Copies of the filing have been served on Lakeland and the Florida Public Service Commission.

*Comment date:* December 12, 1986, in accordance with Standard Paragraph E at the end of this notice.

#### 6. Tucson Electric Power Company

[Docket No. ER87-4-000]

Take notice that Tucson Electric Power Company ("Tucson") on November 19, 1986, tendered for filing a supplement of explanation to the Interchange Agreement between Tucson and State of California, Department of Water Resources ("DWR") originally tendered for filing on October 2, 1986, under Docket Number ER87-4-000. The primary purpose of that Agreement is to provide the terms and conditions relating to the interconnection of the electrical systems of Tucson and DWR and the exchange of capacity, energy and non-firm transmission service between the two systems. Tucson files this supplement to clarify the applicability of Paragraph A.5.2 of amended Service Schedule A to the Agreement, entitled Economy Energy Interchange. It is not presently contemplated that services will be provided under that Paragraph. Should

the Parties in the future agree to provide services under that Paragraph the Parties will file at that time a rate schedule for services to be provided under that Paragraph, with, if necessary, any applicable cost support data.

Tucson states that copies of the filing were serviced upon DWR.

*Comment date:* December 12, 1986, in accordance with Standard Paragraph E at the end of this notice.

#### Standard Paragraph

E. Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's rules of practice and procedure (18 CFR 385.211 and 385.214). All such motions or protests should be filed on or before the comment date. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27448 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-1-21-000, 001]

#### Columbia Gas Transmission Corp.; Proposed Changes in FERC Gas Tariff

December 2, 1986.

Take notice that Columbia Gas Transmission Corporation (Columbia) on November 25, 1986, tendered for filing the following revised tariff sheets to its FERC Gas Tariff, Original Volume No. 1, with a proposed effective date of January 1, 1987:

One hundred and twelfth Revised Sheet No. 16

Sixth Revised Sheet No. 16A2

Columbia states that the aforementioned tariff sheets are being filed to reflect an increase in the Gas Research Institute (GRI) funding unit from 1.35¢ per Mcf to 1.52¢ per Mcf as authorized by Opinion No. 252 issued by the Federal Energy Regulatory Commission (Commission) on September 29, 1986, in Docket No. RP86-117-000. Ordering Paragraph (B) of such Opinion approves the GRI funding requirement for the year 1987 and provides that members of GRI shall collect from their applicable customers a

general R&D funding unit of 1.52¢ per Mcf (1.46¢ per Dth) during 1987 for payment to GRI.

Consistent with Article II of the approved Stipulation and Agreement in Docket No. TA82-1-21-001, *et al.*, Columbia has reduced the Other (non-gas) component of its sales Rate Schedules to offset the increase in the GRI funding unit. These adjustments are without prejudice to future filings or adjustments as may be necessary consistent with the terms of the Stipulation and Agreement in Docket No. TA82-1-21-001, *et al.*

For Rate Schedules other than sales Rate Schedules, the increase in the GRI funding unit has been reflected where applicable.

Copies of this filing were served upon the Company's jurisdictional customers and interested state commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, Union Center Plaza Building, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or before December 9, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceedings. Any person wishing to become a party must file a motion to intervene. Copies of Columbia's filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27450 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-1-22-000, 001]

#### Consolidated Gas Transmission Corp.; Proposed Changes in FERC Gas Tariff

December 2, 1986.

Take notice that on November 26, 1986, Consolidated Gas Transmission Corporation (Consolidated) tendered for filing Twelfth Revised Sheet No. 31 to its FERC Gas Tariff, Original Volume No. 1. Consolidated states that this filing is in compliance with Ordering Paragraph (B) of Opinion No. 252 in Docket No. RP86-117-000 issued September 29, 1986. The revised tariff sheet reflects the Gas Research Institute's 1987 funding unit of 1.52¢ per Mcf (1.48¢ per Dt).

Consolidated requests whatever waivers may be deemed necessary to permit the proposed tariff sheet to



become effective January 1, 1987. Copies of this filing were served upon Consolidated's jurisdictional customers and interested state commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or before December 9, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceedings. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27451 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-1-2-000,001]

#### East Tennessee Natural Gas Co. Rate Filing Pursuant to Tariff Rate Adjustment Provisions

December 2, 1986.

Take notice that on November 26, 1986, East Tennessee Natural Gas Company (East Tennessee) tendered for filing Twenty-third Revised Sheet No. 4, Substitute Fourth Revised Sheet No. 121, Seventh Revised Sheet No. 122 and Original Sheet No. 122A to Original Volume No. 1 of its FERC Gas Tariff, to be effective January 1, 1987.

East Tennessee states that the purpose of these revised tariff sheets is to reflect PGA rate adjustments based on its anticipated cost of purchased gas and reflects (1) a rate change filed by Tennessee Gas Pipeline Company, a Division of Tenneco Inc. in Docket No. TA87-1-9 and (2) purchases from various local suppliers. The filing also reflects revisions to certain provisions of § 22.3 of the General Terms and Conditions of East Tennessee's Tariff as well as an adjustment to the charge for the Gas Research Institute. East Tennessee respectfully requests that the Commission grant any waivers of its regulations required in order to make these tariff sheets effective as proposed.

East Tennessee states that copies of the filing have been mailed to all of its jurisdictional customers and affected state regulatory commissions.

Any person desiring to be heard or to protest said filing should file a motion to

intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's rules of practice and procedure (18 CFR 385.214, 385.211). All such motions or protests should be filed on or before December 9, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceedings. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27452 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-2-34-000, 001]

#### Florida Gas Transmission Co.; Proposed Changes in FERC Gas Tariff

December 2, 1986.

Take notice that Florida Gas Transmission Company (FGT) on November 26, 1986 tendered for filing as part of its FERC Gas Tariff, the following tariff sheets.

7th Revised 10th Revised Sheet No. 8  
of First Revised Vol. No. 1  
2nd Revised Sheet No. 658 of Original  
Vol. No. 3

#### Reason for Filing

The above mentioned tariff sheets are being filed pursuant to Section 19 of FGT's FERC Gas Tariff and pursuant to Opinion No. 252 issued on September 29, 1986 in Docket No. RP86-117-000 by the Federal Energy Regulatory Commission (Commission) approving Gas Research Institute's (GRI) 1987 Research and Development (R&D) Program and 1987-1991 Five Year Plan. In Opinion No. 252, the Commission approved an R&D funding unit of 1.52 cents per Mcf and authorized the jurisdictional members of GRI to include this funding unit in their rates effective from January 1, 1987 through December 31, 1987.

Since FGT is on a dekatherm billing basis, the GRI funding unit of 1.52 cents per Mcf converts to 1.48 cents per dekatherm.

While the instant filing reflects a proposed effective date of January 1, 1987, FGT notes that the rates reflected on the attached tariff sheets will be superseded before their effectiveness pursuant to a filing to be made by FGT on or before December 31, 1986 in Docket No. RP86-137-000 pursuant to

§ 154.67(a) Of the Commission's Regulations.

Copies of this filing were served on FGT's jurisdictional customers and interested State Commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such motions or protests should be filed on or before December 9, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27453 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-2-46-000, 001]

#### Kentucky West Virginia Gas Co.; Proposed Changes in FERC Gas Tariff

December 2, 1986.

Take notice that on November 25, 1986, Kentucky West Virginia Gas Company (Kentucky West) tendered for filing the following revised tariff sheets to its FERC Gas Tariff, First Revised Volume No. 1, to become effective January 1, 1987:

Tenth Revised Sheet No. 8  
Ninth Revised Sheet No. 10

Kentucky West states that the revised tariff sheets amend its Gas Research Institute (GRI) Funding charge to place in effect the new GRI funding unit of 15.2 mills per dth as approved by the FERC in Opinion No. 252, issued September 29, 1986 in Docket No. RP86-117-000.

Copies of this filing have been served upon Kentucky West's jurisdictional customers and the Kentucky Energy Regulatory Commission.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or before December 9, 1986. Protests will



be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27454 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-2-5-000, 001]

**Midwestern Gas Transmission Co.;  
Rate Filing Pursuant to Tariff Rate  
Adjustment Provisions**

December 2, 1986.

Take notice on November 26, 1986, Midwestern Gas Transmission Company (Midwestern) filed Twenty-first Revised Sheet No. 5, Twenty-third Revised Sheet No. 6, Twelfth Revised Sheet No. 7, and Thirteenth Revised Sheet No. 8 to Original Volume No. 1 of its FERC Gas Tariff, to be effective January 1, 1987.

Midwestern states that the purpose of the filing is to reflect for its Southern System PGA rate adjustments based on (1) rate changes filed by Tennessee Gas Pipeline Company, a Division of Tenneco Inc., and (2) purchases from local producer suppliers. The filing also reflects for Midwestern's Northern and Southern Systems an adjustment to the charge for the Gas Research Institute.

Midwestern states that copies of the filing have been mailed to all of its jurisdictional customers and affected state regulatory commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure (18 CFR 385.214, 385.211). All such motions or protests should be filed on or before December 9, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27455 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket Nos. TA87-1-25-000, 001 and  
TF87-1-25-000]

**Mississippi River Transmission Corp.;  
Rate Change and Proposed Changes  
in FERC Gas Tariff**

December 2, 1986.

Take notice that on November 26, 1986 Mississippi River Transmission Corporation ("Mississippi") tendered for filing the following tariff sheets listed below to its FERC Gas Tariff, Second Revised Volume No. 1:

| Tariff sheet                                      | Proposed effective date |
|---------------------------------------------------|-------------------------|
| Second Substitute Eighteenth Revised Sheet No. 4. | Dec. 1, 1986.           |
| Third Revised Sheet No. 4B.                       | Jan. 1, 1987.           |
| Sixth Revised Sheet No. 72.                       | Nov. 1, 1986.           |

Second Substitute Eighteenth Revised Sheet No. 4 is being submitted pursuant to Paragraph 17.5 (Interim Commodity Unit Adjustments Between Effective Dates) of Mississippi's gas tariff to reflect a change in the cost of purchased gas from that included in its September 17, 1986 PGA filed in Docket No. TF86-1-25. Mississippi states that the filing reflects a \$1450 increase in its commodity rates under Rate Schedules CD-1 and SGS-1.

Third Revised Sheet No. 4B is being submitted in accordance with section 18 of Mississippi's tariff to reflect the revised GRI surcharge of \$.0152 per Mcf authorized by Opinion No. 252 issued on September 29, 1986 at Docket No. RP86-117.

Mississippi also submitted Sixth Revised Sheet No. 72 to be effective November 1, 1986. The tariff sheet has been updated to reflect new service agreements for the Town of Des Arc, Arkansas, and Natural Gas Improvement District No. 2 of Ashley County, Arkansas.

Mississippi states that copies of its filing have been served on all jurisdictional customers and interested state commissions. Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street NE., Washington, DC 20426, in accordance with §§ 385.211 and 385.214 of the Commission's rules and practice and procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before December 9, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies

of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27456 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-2-43-000, 001]

**Northwest Central Pipeline Corp.;  
Proposed Changes in FERC Gas Tariff**

December 1, 1986.

Take notice that on November 21, 1986, Northwest Central Pipeline Corporation (Northwest Central) tendered for filing Ninth Revised Sheet No. 6 to its FERC Gas Tariff, Original Volume No. 1. According to § 381.103(b)(2)(iii) of the Commission's regulations (18 CFR 381.103(b)(2)(iii)), the date of filing is the date on which the Commission receives the appropriate filing fee, which in the instant case was not until November 24, 1986. Northwest Central states that pursuant to Article 23 of the General Terms and Conditions of such Tariff it proposes to increase its rates effective December 23, 1986 to reflect an increase in the GRI funding unit from 1.35 cents to 1.52 cents for the year 1987 as approved by the Commission's Opinion No. 252 issued September 29, 1986.

Northwest Central states that copies of its filing were served on all jurisdictional customers and interested state commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or before December 8, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27458 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M



[Docket No. TA86-3-28-005]

**Panhandle Eastern Pipe Line Co.;  
Proposed Changes in FERC Gas Tariff**

December 1, 1986.

Take notice that on November 24, 1986 Panhandle Eastern Pipe Line Company (Panhandle) tendered for filing the following revised sheet to its FERC Gas Tariff, Original Volume No. 1: First Substitute Original Sheet No. 43-4.2

The proposed effective date of this revised tariff sheet is September 1, 1986.

Panhandle states that this revised tariff sheet is being submitted by Panhandle at this time in compliance with the Commission's November 10, 1986 Letter Order to reflect revised tariff language for Panhandle's flexible PGA authority. The revised tariff provisions make clear that such interim adjustments will not be triggered by a change in system sales.

Copies of this letter and enclosures are being served on all jurisdictional customers and applicable regulatory agencies.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street NE., Washington, DC 20426, in accordance with sections 211 and 214 of the Commission's rules of practice and procedure (18 CFR 385.211 and 385.214). All such motions or protests should be filed on or before December 8, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27459 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. RP87-21-000]

**Northern Natural Gas Co., Division of  
Enron Corp.; Tariff Filing**

December 1, 1986.

Take notice that on November 24, 1986, Northern Natural Gas Company, Division of Enron Corp. (Northern), tendered for filing to become a part of Northern Natural Gas Company's (Northern) FERC Gas Tariff, Substitute Thirty-Seventh Revised Sheet No. 4b.

In this filing, Northern proposes to reduce the rates charged to its customers under Rate Schedules AOS-1 and PO-1 to a level equivalent to the firm commodity rate applicable to each respective customer, with such reduction to be limited only to the 1986-1987 heating season (October 1, 1986 through March 31, 1987).

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street NE., Washington, DC 20426, in accordance with the Commission's rules of practice and procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before December 8, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene.

Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27457 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. CS71-126, et al.]

**Osborn Heirs Company (W.B. Osborn,  
Jr.), et al.; Applications for Small  
Producer Certificates<sup>1</sup>**

December 2, 1986.

Take notice that each of the Applicants listed herein has filed an application pursuant to section 7(c) of the Natural Gas Act and § 157.40 of the Commission's Regulations thereunder for a small producer certificate of public convenience and necessity authorizing the sale for resale and delivery of natural gas in interstate commerce, all as more fully set forth in the applications which are on file with the Commission and open to public inspection.

Any person desiring to be heard or to make a protest with reference to said applications should on or before December 17, 1986, file with the Federal Energy Regulatory Commission, Washington, DC 20426, a petition to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 385.211, 385.214). All protests filed with the Commission will be considered by it in determining the

<sup>1</sup> This notice does not provide for consolidation for hearing of the several matters covered herein.

appropriate action to be taken but will not serve to make the protestants parties to the proceeding. Any person wishing to become a party to the proceeding herein must file a petition to intervene in accordance with the Commission's Rules.

Under the procedure therein provided for, unless otherwise advised, it will be unnecessary for Applicants to appear or be represented at the hearing.

Kenneth F. Plumb,  
Secretary.

| Docket No. | Date filed            | Applicant                                                                                                                                                                                                             |
|------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CS71-126   | <sup>1</sup> 10-30-86 | Osborn Heirs Co. (W.B. Osborn, Jr.), P.O. Box 17968, San Antonio, TX 78286.                                                                                                                                           |
| CS71-238   | <sup>2</sup> 11-10-86 | M.J. Mitchell Testamentary Trust, First City Bank of Dallas, Successor Trustee, and Petroleum Operating Co. (M.J. Mitchell), P.O. Box 661700, Dallas, TX 75266-1700 and 4141 Blue Lake Circle #175, Dallas, TX 75234. |
| CS72-541   | <sup>3</sup> 10-29-86 | Reynolds Metals Co. (Reynolds Mining Corp.), 6601 West Broad Street, Richmond, VA 23230.                                                                                                                              |
| CS72-1115  | <sup>4</sup> 9-19-86  | Larry F. Neely and Sharon L. Neely (Noah A. Neely), 126 Woods Lane, Radnor, PA 19087 and 9180 E. Placita Violeta, Tucson, AZ 85749.                                                                                   |



| Docket No.   | Date filed            | Applicant                                                                                                                                                                                                                      | Docket No.  | Date filed | Applicant                                                             |
|--------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-----------------------------------------------------------------------|
| CS74-208-001 | <sup>5</sup> 5-9-86   | DFAM Corp.,<br>(Darrow Family Partnership), P.O. Box 4145, Albuquerque, NM 87106.                                                                                                                                              | CS87-17-000 | 11-3-86    | Ward Petroleum Corp., P.O. Box 1187, Enid, OK 73702.                  |
|              |                       |                                                                                                                                                                                                                                | CS87-18-000 | 11-20-86   | Timberwolf Energy Co., 1616 17th Street, Suite 462, Denver, CO 80202. |
| CS75-332     | <sup>6</sup> 11-13-86 | Ruth P. McElvain, James E. McElvain, David P. McElvain and Caryl McElvain Keys, d/b/a McElvain Oil Co., a general partnership (James E. McElvain Executor of Carl R. McElvain Estate), P.O. Box 2148, Santa Fe, NM 87504-2148. | CS87-22-000 | 11-17-86   | The Permian Corp., P.O. Box 3119, Midland, TX 79702.                  |
|              |                       |                                                                                                                                                                                                                                | CS87-23-000 | 11-17-86   | Courtaulds North America, Inc., P.O. Box 2648, Mobile, AL 36652.      |
|              |                       |                                                                                                                                                                                                                                | CS87-24-000 | 11-17-86   | Vi-Roi Oil Co., P.O. Box 1624, Duncan, OK 73534.                      |
| CS87-7-000   | 11-3-86               | Joan C. Arceneaux, 318 Karen Drive, Lafayette, LA 70503.                                                                                                                                                                       |             |            |                                                                       |
| CS87-14-000  | 10-28-86              | Conquest Exploration Co., 4201 FM 1960 West, Suite 500, Houston, TX 77068.                                                                                                                                                     |             |            |                                                                       |
| CS87-15-000  | 10-30-86              | Midland Resources, Inc., 300 West Texas, Suite 601, Midland, TX 79701.                                                                                                                                                         |             |            |                                                                       |
| CS87-16-000  | 10-30-86              | Trent Production Co., P.O. Box 336, Stigler, OK 74462.                                                                                                                                                                         |             |            |                                                                       |

<sup>1</sup> Letter dated October 29, 1986, advising that Betty Osborn Biedenharn and the Estate of Charlotte Osborn Barrett d/b/a Osborn Heirs Company, interest owners in gas sold under the small producer certificate in Docket No. CS71-126, have succeeded William B. Osborn, Jr., as operator of the wells from which such gas is sold, and requesting the small producer certificate issued in Docket No. CS71-126 be redesignated under the name of Osborn Heirs Company.

<sup>2</sup> Letter dated November 5, 1986, advising that upon the death of M.J. Mitchell, his interests were transferred in the following proportions: One-half community property interest to Jewel Mitchell, the surviving spouse of M.J. Mitchell, in the name of Petroleum Operating Company, and one-half community property interest to M.J. Mitchell Testamentary Trust, First City Bank of Dallas, Successor Trustee. Applicant requests redesignation of M.J. Mitchell's small producer certificate in Docket No. CS71-238.

<sup>3</sup> Letter dated October 29, 1986, advising that effective December 31, 1987, Reynolds Mining Corporation was merged into Reynolds Metals Company, and requesting redesignation of the small producer certificate in Docket No. CS72-541 to reflect Reynolds Metals Company as certificate holder.

<sup>4</sup> By letter dated September 15, 1986, as supplemented by letter dated October 15, 1986, Larry F. Neely states he has purchased from his father 100% ownership in the gas wells associated with the certificate in Docket

No. CS72-1115 and requests that Larry F. Neely and Sharon L. Neely be substituted as co-holders of the small producer certificate.

<sup>5</sup> Letter dated May 6, 1986, requesting redesignation of small producer certificate.

<sup>6</sup> Letter dated November 10, 1986, requesting redesignation of small producer certificate.

[FR Doc. 86-27449 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. ST85-497-001, et al.]

### Panhandle Gas Co., et al.; Extension Reports

December 1, 1986.

The companies listed below have filed extension reports pursuant to section 311 of the Natural Gas Policy Act of 1978 (NGPA) and Part 284 of the Commission's regulations giving notice of their intention to continue sales of natural gas for an additional term of up to 2 years.<sup>1</sup>

The table below lists the name and addresses of each company selling pursuant to Part 284; the party receiving the gas; the date that the extension report was filed; and the effective date of the extension. A "D" indicates a sale by an intrastate pipeline extended under § 284.146.

Any person desiring to be heard or to make any protest with reference to said extension reports should on or before December 15, 1986, file with the Federal Energy Regulatory Commission, Washington, DC 20426, a motion to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 385.211 or 385.214). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants party to a proceeding. Any person wishing to become a party to a proceeding or to participate as a party in any hearing therein must file a motion to intervene in accordance with the Commission's Rules.

Kenneth F. Plumb,

Secretary.

<sup>1</sup> Notice of these extension reports does not constitute a determination that a continuation of service will be approved.



## EXTENSION LIST

[Oct. 15-31, 1986]

| Docket No.                | Transporter/seller                                    | Recipient                        | Date filed | Part 284 subpart | Effective date | Expiration date <sup>2</sup> |
|---------------------------|-------------------------------------------------------|----------------------------------|------------|------------------|----------------|------------------------------|
| ST85-497-001 <sup>1</sup> | Panhandler Gas Co., P.O. Box 1188, Houston, TX 77001. | El Paso Natural Gas Co.....      | 10-23-86   | D                | 01-13-87       | 01-21-87                     |
| ST85-623-001 <sup>1</sup> | .....do .....                                         | Florida Gas Transmission Co..... | 10-27-86   | D                | 01-21-87       | 01-25-87                     |

<sup>1</sup> This extension report was filed after the date specified by the Commission's Regulation, and shall be the subject of a further Commission order.

<sup>2</sup> The pipeline has sought Commission approval of the extension of this transaction. The 90-day Commission review period expires on the date indicated.

[FR Doc. 86-27460 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. ST85-815-001]

**Producer's Gas Co.; Extension Report**

December 1, 1986.

The company listed below has filed an extension report pursuant to section 311 of the Natural Gas Policy Act of 1978 (NGPA) and Part 284 of the Commission's regulations giving notice of its intention to continue sales of

natural gas for an additional term of up to 2 years.<sup>1</sup>

The table below lists the name and addresses of each company selling pursuant to Part 284; the party receiving the gas; the date that the extension report was filed; and the effective date of the extension. A "D" indicates a sale by an intrastate pipeline extended under § 284.146.

Any person desiring to be heard or to make any protest with reference to said extension report should on or before December 15, 1986, file with the Federal Energy Regulatory Commission, Washington, DC 20426, a motion to

intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 385.211 or 385.214). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants party to a proceeding. Any person wishing to become a party to a proceeding or to participate as a party in any hearing therein must file a motion to intervene in accordance with the Commission's Rules.

Kenneth F. Plumb,  
Secretary.

## EXTENSION LIST

[Nov. 1-15, 1986]

| Docket No.                | Transporter/seller                                           | Recipient                          | Date filed | Part 284 subpart | Effective date | Expiration date <sup>2</sup> |
|---------------------------|--------------------------------------------------------------|------------------------------------|------------|------------------|----------------|------------------------------|
| ST85-815-001 <sup>1</sup> | Producer's Gas Co., 950 One Energy Square, Dallas, TX 75206. | National Fuel Gas Supply Corp..... | 11-06-86   |                  | 03-08-87       |                              |

<sup>1</sup> This extension report was filed after the date specified by the Commission's Regulation, and shall be the subject of a further Commission order.

<sup>2</sup> The pipeline has sought Commission approval of the extension of this transaction. The 90-day Commission review period expires on the date indicated.

[FR Doc. 86-27461 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-1-6-000, 001]

**Sea Robin Pipeline Co.; Filing of Revised Tariff Sheets**

December 2, 1986.

Take notice that on November 26, 1986, Sea Robin Pipeline Company (Sea Robin) tendered for filing to its FERC Gas Tariff, the following tariff sheets, each with a proposed effective date of January 1, 1987:

*Original Volume No. 1*

Forty-Sixth Revised Sheet No. 4  
First Revised Sheet No. 4-A1  
First Revised Sheet No. 4-A2  
Ninth Revised Sheet No. 4-B

*Original Volume No. 2*

Twenty-Ninth Revised Sheet No. 127-D  
Twenty-Ninth Revised Sheet No. 135-C.

Forty-Sixth Revised Sheet No. 4, Ninth Revised Sheet No. 4-B, Twenty-Ninth Revised Sheet Nos. 127-D and 135-C are filed pursuant to Sea Robin's Purchase Gas Cost Adjustment sections of its tariff. First Revised Sheet Nos. 4-A1 and 4-A2 are filed pursuant to FERC

Opinion No. 252, issued September 29, 1986, which authorized a 1.52¢ per Mcf Gas Research Institute surcharge.

Sea Robin states that copies of this filing have been mailed to its jurisdictional customers and interested state regulatory agencies.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or

<sup>1</sup> Notice of this extension report does not constitute a determination that a continuation of service will be approved.



before December 9, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27462 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-1-9-000, 001]

**Tennessee Gas Pipeline Co., a Division of Tenneco Inc.; Rate Change Under Tariff Rate Adjustment Provisions**

December 2, 1986.

Take notice that on November 26, 1986, Tennessee Gas Pipeline Company, a Division of Tenneco Inc. (Tennessee) tendered for filing the following tariff sheets to its FERC Gas Tariff to be effective January 1, 1987:

First Revised Volume No. 1

Third Revised Sheet No. 20

Fourth Revised Sheet No. 21

Fourth Revised Sheet No. 22

First Revised Sheet No. 22A

Second Revised Sheet Nos. 23 through

29

First Revised Sheet Nos. 30 through 30H

Original Volume No. 2

Second Revised Sheet No. 5

Second Revised Sheet No. 8

First Revised Sheet No. 9

Tennessee states that the purpose of the revised tariff sheets is to reflect PGA rate adjustments pursuant to Article XXIII of the General Terms and Conditions of its FERC Gas Tariff.

Tennessee also indicates that the tariff sheets set forth demand surcharges for recovering retroactive Order No. 94 payments in accord with Article VI of the Settlement Agreement (February 5, 1985) in Docket No. CP84-441, *et al.* The filing also reflects an adjustment to the charge for the Gas Research Institute.

Tennessee states that copies of the filing have been mailed to all of its customers and affected state regulatory commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure (18 CFR 385.214, 385.211). All such motions or protests

should be filed on or before December 9, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27463 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-1-18-000, 001]

**Texas Gas Transmission Corp.; Filing of Revised Tariff Sheets**

December 1, 1986.

Take notice that on November 24, 1986 Texas Gas Transmission Corporation (Texas Gas) tendered for filing Fifth Revised Sheet Nos. 10 and 10A, Third Revised Sheet Nos. 11 and 12, and First Revised Sheet No. 12A to its FERC Gas Tariff, Original Volume No. 1.

The revised tariff sheets are being filed pursuant to Section 24 of Texas Gas's tariff to reflect the 1987 General RD&D Funding Unit authorized by Opinion No. 252, issued by the Commission on September 29, 1986, in Docket No. RP86-117.

Copies of the revised tariff sheets are being mailed to Texas Gas's jurisdictional customers and interested state commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's rules of practice and procedure (18 CFR 385.211 and 385.214). All such motions or protests should be filed on or before December 8, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27464 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-2-42-000, 001]

**Transwestern Pipeline Co.; Proposed Changes in FERC Gas Tariff**

December 2, 1986.

Take notice that Transwestern Pipeline Company (Transwestern) on November 26, 1986 tendered for filing as part of its FERC Gas Tariff, Second Revised Volume No. 1, the following tariff sheets:

36th Revised Sheet No. 5

Revised Substitute 28th Revised Sheet No. 6

**Reason For Filing**

The above mentioned tariff sheets are being filed pursuant to Section 21 of Transwestern's FERC Gas Tariff Second Revised Volume No. 1 and pursuant to Opinion No. 252 issued on September 29, 1986 in Docket No. RP86-117-000 by the Federal Energy Regulatory Commission (Commission) approving Gas Research Institute's (GRI) 1987 Research and Development (R&D) Program and 1987-1991 Five Year Plan. In Opinion No. 252, the Commission approved an R&D funding unit of 1.52 cents per Mcf and authorized the jurisdictional members of GRI to include this funding unit in their rates effective from January 1, 1987 through December 31, 1987. The instant filing is being made in compliance with Opinion No. 252.

Since Transwestern is on a dekatherm billing basis, the GRI funding unit of 1.52 cents per Mcf converts to 1.43 cents per dekatherm.

Copies of this filing were served on Transwestern's jurisdictional customers and interested State Commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or before 12-9-86. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27465 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M



[Project Nos. 9037-001, et al.]

**Burlington Energy Development Associates, et al.; Surrender of Preliminary Permits**

December 2, 1986.

Take notice that the following preliminary permits have been surrendered effective as described in Standard Paragraph I at the end of this notice.

**1. Burlington Energy Development Associates**

[Project No. 9037-001]

Take notice that the Burlington Energy Development Associates, permittee for the Mill Columbia Project No. 9037 has requested that the preliminary permit be terminated. The preliminary permit for Project No. 9037 was issued on September 5, 1985, and would have expired on August 31, 1988. The project would have been located on the Housatonic River, in Berkshire County, Massachusetts.

The permittee filed the request on November 20, 1986.

**2. Burlington Energy Development Associates**

[Project No. 9039-001]

Take notice that the Burlington Energy Development Associates, permittee for the Mill Dam Project No. 9039 has requested that the preliminary permit be terminated. The preliminary permit for Project No. 9039 was issued on September 6, 1985, and would have expired on August 31, 1988. The project would have been located on the Housatonic River, in Berkshire County, Massachusetts.

The permittee filed the request on November 20, 1986.

**3. Burlington Energy Development Associates**

[Project No. 9450-001]

Take notice that the Burlington Energy Development Associates, permittee for the Stevens Brook Project No. 9450 has requested that the preliminary permit be terminated. The preliminary permit for Project No. 9450 was issued on February 12, 1986, and would have expired on January 31, 1989. The project would have been located on the Stevens Brook, in Cumberland County, Maine.

The permittee filed the request on November 20, 1986.

**Standard Paragraph**

I. The preliminary permit shall remain in effect through the thirtieth day after issuance of this notice unless that day is a Saturday, Sunday or holiday as

described in 18 CFR 385.2007 in which case the permit shall remain in effect through the first business day following that day. New applications involving this project site, to the extent provided for under 18 CFR Part 4, may be filed on the next business day.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27522 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket Nos. QF87-93-000, et al.]

**Cambria CoGen, Inc., et al.; Small Power Production and Cogeneration Facilities; Qualifying Status; Certificate Applications, etc.**

*Comment date:* Thirty days from publication in the *Federal Register*, in accordance with Standard Paragraph E at the end of this notice.

December 2, 1986.

Take notice that the following filings have been made with the Commission.

**1. Cambria CoGen, Inc.**

[Docket No. QF87-93-000]

On November 19, 1986, Cambria CoGen, Inc. (Applicant), of Post Office Box 538, Allentown, Pennsylvania 18105, submitted for filing an application for certification of a facility as a qualifying cogeneration facility pursuant to § 292.207 of the Commission's regulations. No determination has been made that the submittal constitutes a complete filing.

The topping-cycle cogeneration facility will be located at the site of the Beth Energy Mines, Inc., in Ebensburg, Pennsylvania. The facility will consist of fluidized-bed steam generators and an extraction/condensing steam turbine generator. The primary energy source will be bituminous refuse. The steam extracted will be used by the Laurel Crest Home for the Aged for building heating and laundry services. The maximum net electric power production capacity of the facility will be 79.8 MW. Installation of the facility is expected to begin in January 1988.

**2. Indeck Energy Services, Inc.**

[Docket No. OF86-39-001]

On November 3, 1986, Indeck Energy Services, Inc. (Applicant), of 1111 Sought Willis Avenue, Wheeling Illinois 60090, submitted for filing an application for recertification of a facility as a qualifying cogeneration facility pursuant to § 292.207 of the Commission's regulations. No determination has been made that the submittal constitutes a complete filing.

Recertification of qualifying status for a cogeneration facility is requested in order to reflect an increase in electric power production capacity from 12 MW to 18 MW, and a change in steam generator output from 140,000 pounds per hour to 150,000 pounds per hour. All other information leading to the Commission January 8, 1986, Order granting qualifying status, in Docket No. QF86-39-000, remains unchanged.

**3. M&M-MARS, Inc.**

[Docket No. QF87-87-000]

On November 17, 1986, M&M/MARS, Inc. (Applicant), of 2019 North Oak Park Avenue, Chicago, Illinois 60635, submitted for filing an application for certification of a facility as a qualifying cogeneration facility pursuant to § 292.207 of the Commission's regulations. No determination has been made that the submittal constitutes a complete filing.

The topping-cycle cogeneration facility will be located at 2019 North Oak Park Avenue, Chicago, Illinois. The facility will consist of a combustion turbine-generator and a heat recovery steam generator. The primary energy source will be natural gas. The electric power production of the facility will be 3.6 MW. Thermal energy recovered from the facility will be used in the processing of candy, production of domestic hot water, and space heating. The facility is planned to be fully operational in May 1987.

**Standard Paragraph**

E. Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NW., Washington DC 20426, in accordance with Rules 211 and 214 of the Commission's rules of practice and procedure (18 CFR 385.211 and 385.214). All such motions or protests should be filed on or before the comment date. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27521 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M



**Distrigas Corporation, et al.; Rate Change Pursuant to Purchased Gas Cost Adjustment Provision**

[Docket No. TA87-1-12-000, 001]

December 3, 1986.

Take notice that on November 28, 1986, Distrigas Corporation (Distrigas) tendered for filing Twentieth Revised Sheet No. 1 and Distrigas of Massachusetts Corporation (DOMAC) tendered for filing Twentieth Revised Sheet No. 3A, to their FERC Gas Tariff, First Revised Volume No. 1.

Twentieth Revised Sheet No. 1 and Twentieth Revised Sheet No. 3A are being filed pursuant to Distrigas' and DOMAC's purchased LNG cost adjustment provision set forth in their respective tariffs. The Distrigas rate change is being filed to reflect in its sales rate to DOMAC a redetermination (decrease) of the price paid for the purchase of LNG together with an amortization over the six-month period, January 1, 1987 through June 30, 1987, of the balance of the unrecovered purchased LNG cost account.

The DOMAC rate change is being filed to reflect the Distrigas rate change in DOMAC's rates for resale to its distribution customer companies and the amortization over the six-month period, January 1, 1987 through June 30, 1987, of the balance in DOMAC's unrecovered purchased LNG cost account and the GRI surcharge.

Distrigas and DOMAC request any waivers necessary to permit the proposed tariff sheets to become effective January 1, 1987. Copies of this filing have been served on all affected parties and interested state commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or before December 10, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth I. Plumb,  
Secretary,

[FR Doc. 86-27516 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. CP86-517-004]

**Northern Natural Gas Company Division of Enron Corp.; Tariff Filing**

December 3, 1986.

Take notice that on November 26, 1986, Northern Natural Gas Company, Division of Enron, Corp. (Northern) tendered for filing Original Sheet Nos. 2725-3132 to its FERC Gas Tariff, Original Volume No. 2. The sheets consist of Rate Schedules T-67 through T-79 and are filed pursuant to Part 154 of the Commission's regulations in compliance with Order Issuing Limited-Term Certificate issued August 28, 1986, as amended September 29, 1986 in Docket No. CP86-517-000.

Northern requests waiver of any Commission regulations necessary to permit these tariff sheets to become effective August 28, 1986.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or before December 10, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,  
Secretary,

[FR Doc. 86-27517 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket Nos. ER87-120-000, et al.]

**Public Service Company of Colorado, et al.; Electric Rate and Corporate Regulation Filings**

Take notice that the following filings have been made with the Commission:

**1. Public Service Company of Colorado**

[Docket No. ER87-120-000]

December 2, 1986.

Take notice that on November 25, 1986, Public Service Company of Colorado (Company) tendered for filing a Notice of Cancellation of its FERC Rate Schedule No. 11 relative to Energy Purchase and Sale Agreement (Agreement) between Company and The City of Glenwood Springs, Colorado (Glenwood).

Company proposes an effective date of March 2, 1987, and therefore requests waiver of the Commission's notice requirements.

*Comment date:* December 15, 1986, in accordance with Standard Paragraph E at the end of this notice.

**2. Yankee Atomic Electric Company**

[Docket No. ER80-569-002]

December 2, 1986.

Take notice that on November 21, 1986, Yankee Atomic Electric Company (Yankee) filed a Refund Report that effectuates the terms of an Offer of Settlement approved by the Commission on May 28, 1981.

Yankee states that the appropriate refunds will be reflected as credits to the November 1986 Power Bills to its customers, to be issued on or about December 1, 1986.

*Comment date:* December 15, 1986, in accordance with Standard Paragraph E at the end of this notice.

**3. The Connecticut Light & Power Company**

[Docket No. ER87-118-000]

December 2, 1986.

Take notice that on November 25, The Connecticut Light and Power Company (CL&P) tendered for filing a proposed rate schedule pertaining to a sales agreement (Sales Agreement) with Respect to Montville and Middletown Units between CL&P and Chicopee Municipal Lighting Plant (Chicopee) dated as of November 1, 1986.

CL&P states that the rate schedule provides for a sale to Chicopee of capacity and energy from CL&P's Montville Units Nos. 5 and 6 and Middletown Units Nos. 2, 3 and 4 (the Units) during the period November 1, 1986 to October 31, 1991, together with related transmission service.

CL&P requests that the Commission permit the rate schedule filed to become effective as of November 1, 1986.

CL&P states that the capacity charge rate for the first twenty-four months for the proposed service is a negotiated rate, based on the market price for this capacity at the time that this sale was negotiated. This rate is expected to be less than the costs-of-service rate, and in no case shall it exceed the cost-of-service rate.

The capacity charge for the remainder of the term is determined on a cost-of-service basis. The monthly transmission charge rate is equal to one-twelfth of the annual average cost of transmission service on the transmission systems of CL&P and its affiliated Northeast Utilities companies at the time that the



Sales Agreement was executed and is determined in accordance with Section 13.9 of the New England Power Pool (NEPOOL) Agreement and the uniform rules adopted by the NEPOOL Executive Committee. The monthly Transmission Charge is determined by the product of (i) the appropriate monthly transmission charge rate (\$/kv-month) and (ii) the number of kilowatts of winter capability which Chicopee is entitled to receive during such month. The Energy Charge and the Station Service Charge are based on Chicopee's portion of the applicable fuel expenses and no special cost-of-service studies were made to derive these charges.

CL&P states that the services to be provided under the Sales Agreement are similar to the services provided by CL&P pursuant to purchase agreements with UNITIL Power Corp. (FERC Rate Schedule No. 358) and with Fitchburg Gas and Electric Light Company (FERC Rate Schedule No. 359).

CL&P states that a copy of this filing has been mailed to Chicopee, Chicopee, MA.

CL&P further states that the filing is in accordance with Part 35 of the Commission's Regulations.

*Comment date:* December 15, 1986, in accordance with Standard Paragraph E at the end of this notice.

#### 4. Southern California Edison Company

[Docket No. ER87-119-000]

December 2, 1986.

Take notice that, on November 25, 1986, Southern California Edison Company ("Edison") tendered for filing, an Amendment to the Edison-Azusa Palo Verde Nuclear Generation Station Firm Transmission Service Agreement designated Rate Schedule FERC No. 189, which has been executed by Edison and the City of Azusa, California ("Azusas").

Amendment No. 1 to the Edison-Azusa Palo Verde Nuclear Generating Station Firm Transmission Agreement

The Amendment provides for the correction of the Circuit Mileage from 22.9 miles used for the Vincent-Rico Hondo 230 kV network transmission path to 32.1 miles with corresponding increases in transmission service charges and transmission losses.

The Amendment is proposed to become effective when executed by the Parties and accepted for filing by the Commission.

Copies of this filing were served upon the Public Utilities Commission of the State of California and the California Department of Water Resources.

*Comment date:* December 15, 1986, in accordance with Standard Paragraph E at the end of this notice.

#### 5. Central and South West Service, Inc.

[Docket No. ER86-277-003]

December 3, 1986.

Take notice that on November 10, 1986, Central and South West Services, Inc. ("CSWS") submitted for filing a compliance filing pursuant to the Commission's letter order in this proceeding dated September 29, 1986.

CSWS' compliance filing included tabulations for each Central and South West Operating Company showing the monthly billings for third-party charges under the Transaction Cost Procedure and under the superseded Amended Interim Loss Compensation Policy and the allocation of such charges to the Operating Companies; the differences between the two sets of changes, the monthly interest calculated thereon and a summary of all adjustments to the CSW Money Pool; and workpapers underlying the monthly allocations and interest calculations.

*Comments date:* December 16, 1986, in accordance with Standard Paragraph E at the end of this notice.

#### Standard Paragraph

E. Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's rules of practice and procedure (18 CFR 385.211 and 385.214). All such motions or protests should be filed on or before the comment date. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-2750 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. RP86-63-008]

#### Southern Natural Gas Co.; Proposed Changes in FERC Gas Tariff

December 3, 1986.

Take notice that on November 26, 1986, Southern Natural Gas Company (Southern) tendered for filing certain revised sheets to its FERC Gas Tariff, Sixth Revised Volume No. 1, Original Volume No. 2, and First Revised Volume No. 2A with a proposed effective date of October 1, 1986. Southern states this

filing is being made in compliance with the Commission's April 30, 1986 and October 28, 1986 orders in this proceeding. Southern further states that these tariff sheets reflect (i) the elimination of all costs associated with facilities that were not in service as of September 30, 1986, and (ii) the elimination of Southern's proposed block rates.

Southern has also filed tariff sheets to reflect the increase in the GRI surcharge from 1.35¢ per Mcf to 1.52¢ per Mcf.

Southern has served copies of this filing on its jurisdictional customers, interested state public commissions and all parties of record.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure (18 CFR 385.214, 385.211). All such motions or protests should be filed on or before December 10, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27514 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA87-2-29-000, 001]

#### Transcontinental Gas Pipeline Corp.; Proposed Changes in FERC Gas Tariff

December 3, 1986.

Take notice that Transcontinental Gas Pipeline Corporation (Transco) tendered for filing on November 26, 1986, the following proposed tariff sheets to Second Revised Volume No. 1 of its FERC gas tariff:

#### Second Revised Volume No. 1

Revised Forty-Fourth Revised Sheet No. 12

Revised Forty-Second Revised Sheet No. 15

Revised Fourth Revised Sheet No. 15-A

Original Sheet No. 15-B

Original Sheet No. 15-C

Original Sheet No. 15-D

Revised Sheet Nos. 12, 15, and 15-A reflect an overall reduction of 16.0¢ per dt in the commodity charge under the CD, G, OG, E, PS, ACQ and S-2 Rate



Schedules from the rates which became effective November 1, 1986 as the result of Transco's Tracking Filing of October 1, 1986 in Docket No. TA87-1-29-000. Such rates were accepted, subject to refund, by Commission Order dated October 31, 1986. Transco states that the foregoing 16.0¢ per dt reduction results solely from a line item adjustment of approximately \$28 million which represents the risk of gas cost undercollection which Transco is willing to accept in the event the Commission accepts and makes effective the instant tariff sheets including the gas cost savings credit mechanism to be applicable to "Participating Buyers," as described more fully herein.

Sheet Nos. 15-B, 15-C and 15-D included herewith reflect individual customer quantities and the gas cost savings credit which Transco is proposing to implement in the instant filing as more fully described below.

#### A. Pertinent Background

On October 1, 1986 Transco filed its regularly-scheduled PGA filing in Docket No. TA87-1-29-000. Such filing, in addition to reflecting gas cost increases in the demand and commodity rates of Transco's sales rate schedules, also provided for a gas cost savings credit mechanism which Transco designed to afford customers the opportunity to reduce the cost of supplies purchased from Transco in direct proportion to each customer's purchase level in excess of a minimum threshold quantity. As explained in that filing, Transco proposed this mechanism consistent with its efforts to keep alive its pending Order No. 436 settlement bargain with respect to the \$2.30 per dt gas cost as well as the customer "best efforts" purchase commitments included therein.

The Commission by order dated October 31, 1986 accepted the tariff sheets reflecting the increased rates, subject to refund, and denied Transco's request for waiver which would have permitted the implementation of the gas cost savings credit mechanism. Transco states that it believes that the gas cost savings crediting proposal is necessary to enhance its ability to fulfill the undertakings in its producer settlements during the first year transition period contemplated by the aforementioned Order No. 436 settlement, and also to meet the objectives of the settlement with the customer community, all as more fully explained in the October 1, 1986 transmittal letter in Docket No. TA87-1-29-000. Accordingly, Transco states that since October 31, 1986 it has met with many of its customers in an effort to restore the gas cost savings

credit mechanism for those customers which Transco is informed are supportive and will elect to participate. Such credit mechanism—and the associated proposed reduction in the gas cost component of Transco's commodity rate—are proposed in the instant filing to be effective for the limited period from the date of Commission approval of the filing through April 30, 1987.

#### B. Summary of Proposal

As part of the instant filing, Transco has reduced its current commodity gas cost component included in sales rates from the approximately \$2.90 per dt which became effective on November 1, 1986 to \$2.75 per dt. Transco states that this reduction is the result of a line item adjustment by Transco which reflects Transco's willingness to accept the risk of undercollections related to the approximately \$28 million line item adjustment, in return for the ability to implement the gas cost savings credit mechanism for those customers which do not object to this out-of-period filing.

Transco has included the \$2.75 per dt gas cost in the sales rates proposed in this filing and the resulting sales rates are intended to apply to all customers during the remainder of the semi-annual PGA period. Transco states that those customers which do not oppose the instant filing in any manner, including the gas cost savings crediting mechanism, shall be deemed "Participating Buyers" and will receive such credits, if applicable, on monthly sales commodity invoices for each month through April 1987 in accordance with the revised credited mechanism as more fully described herein. In electing to become a "Participating Buyer," a customer will have agreed that Transco shall have no refund obligation, other than that expressly provided for as part of the gas cost savings crediting mechanism, under the rates proposed in this filing for the period through April 1987 during which the crediting mechanism would be in effect. Transco states that the crediting mechanism is essentially the same as that proposed in the October 1, 1986 filing, with the exception of the credits being measured on every 1% increase in load factor and with a new commencement date of December 1, 1986.

Those customers which do not so elect shall be deemed "Non-Participating Buyers" for the term of the instant proposal and shall retain all rights to challenge the rates proposed herein through hearings or other procedures as may be established by the Commission. Such "Non-Participating Buyers" will not receive any gas cost savings credits during the period but will receive the

benefits of any reduced system gas costs over the period if and to the extent that such savings accrue in Transco's FERC Account No. 191 (Unrecovered Purchased Gas Cost).

Transco states that the foregoing "customer option" procedure also would be in keeping with the Commission's powers and policies as defined in *United Municipal Distributors Group v. FERC*, 732 F.2d 202 (D.C. Cir. 1984). Transco states further that its proposed procedure would preserve an important opportunity for reduced gas costs for customers on the Transco's system without setting a precedent or denying objecting parties their right to a hearing.

#### C. Waivers

Transco requests that the Commission waive its regulations, including the requirement for notice so as to permit the instant out-of-period PGA filing to become effective as soon as possible, and specifically with respect to FERC Account No. 191 in order to permit Transco to flow through to "Participating Buyers," via a credit to commodity billings, the specific gas costs savings attributable to purchases by such customers above the established minimum threshold levels. Transco also requests waiver of the Commission's regulations in order to directly refund any accumulated gas cost savings over the described period recorded in the subaccount of FERC Account No. 191 maintained for "Non-Participating Customers."

#### D. Shortened Notice

Transco states that in accord with the provisions of Section 154.16 of the Commission's Regulations, copies of this filing are available for public inspection during regular business hours, in a convenient form and place, at Transco's main office at 2800 Post Oak Boulevard in Houston, Texas.

Transco has requested a notice which provides for a shortened comment period. Transco has based its request on the fact that (1) a reduction in rates is proposed, along with a credit mechanism for other reductions and (2) the instant filing is very similar to the filing made by Transco on October 1, 1986, which already has been reviewed by customers, state commissions, and the Commission Staff. Therefore, Transco submits that a shortened notice period will not prejudice any party and will permit the filing to be acted upon promptly.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 825



North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure (18 CFR 385.214, 385.211). All such motions or protests should be filed on or before December 10, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27515 Filed 12-5-86; 8:45 am]

BILLING CODE 8717-01-M

[Docket Nos. CP87-77-000, et al.]

### Trunkline Gas Co., et al. Natural Gas Certificate Filings

December 2, 1986.

Take notice that the following filings have been made with the Commission:

#### 1. Trunkline Gas Company

[Docket No. CP87-77-000]

Take notice that on November 14, 1986, Trunkline Gas Company (Trunkline), P.O. Box 1642, Houston, Texas 77251-1642, filed in Docket No. CP87-77-000 an application pursuant to section 7(c) of the Natural Gas Act for a limited-term certificate of public convenience and necessity authorizing the transportation of natural gas for Columbia Transmission Corporation (Columbia), all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Trunkline proposes to transport for Columbia up to 120,000 Mcf of natural gas per day on an interruptible basis for a term extending until the earlier of August 7, 1988, or 30 days following the date that Trunkline accepts a blanket certificate under Subpart G of 18 CFR Part 284 of the regulations. It is indicated that the gas to be transported would be for Columbia's system supply.

It is stated that Columbia would purchase the gas from Shell Oil Company (Shell) from Shell's offshore production field in Brazos Blocks A-19, A-20 and A-23, offshore Texas. It is indicated that this gas would be delivered by Natural Gas Pipeline Company of America (NGPL) to Trunkline at existing points of interconnection between NGPL and Trunkline in Montgomery County, Texas, and Cameron Parish, Louisiana. Trunkline states that it would also

receive gas tendered by Transcontinental Gas Pipeline Corporation (Transco) on behalf of Columbia at an existing point of interconnection between Transco and Trunkline in Beauregard Parish, Louisiana. Trunkline proposes to deliver the gas for Columbia's account to Columbia Gulf Transmission Company (Columbia Gulf) at an existing point of interconnection between Columbia Gulf and Trunkline in St. Mary Parish, Louisiana.

It is indicated that Transco would provide transportation service for Columbia until July 26, 1986, pursuant to a grandfathered transportation agreement between Transco and Columbia as authorized in Docket No. ST86-377. Trunkline further indicates that NGPL has made a companion filing in Docket No. CP84-45-000 for authorization to transport gas for Columbia.

Trunkline proposes to charge Columbia for the transportation service a rate of 10.66 cents per Mcf of natural gas received, pursuant to Trunkline's Rate Schedule PT.

Trunkline states that no new facilities would be necessary for this proposed service. Trunkline indicates that it has sufficient capacity in its system to provide this service.

*Comment date:* December 23, 1986, in accordance with Standard Paragraph F at the end of this notice.

#### 2. Lone Star Gas Company, a Division of ENSERCH Corporation

[Docket No. CP87-60-000]

Take notice that on November 10, 1986, Lone Star Gas Company, a Division of ENSERCH Corporation (Lone Star), 301 South Harwood Street, Dallas, Texas 75201, filed in Docket No. CP87-60-000 an application pursuant to section 7(b) of the Natural Gas Act for permission and approval to abandon certain facilities for the transportation of natural gas in interstate commerce, all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Lone Star proposes to abandon from interstate commerce the following facilities:

(1) A portion of Line A26 (Station 1832 + 25 to Station 2261 + 87), approximately 8.12 miles of 6-inch and 12-inch pipeline and appurtenances in Childress and Collingsworth Counties, Texas; and,

(2) A portion of Line A26 (Station 2261 + 87 to Station 2450 + 61), approximately 3.56 miles of 2-inch pipeline and appurtenances in Denton and Collingsworth Counties, Texas.

It is stated that under Lone Star's proposal, Line A26 would be cut at the state line between Childress County, Texas and Harmon County, Oklahoma. The segments of Line A26 located within Texas would then be connected to Lone Star's intrastate Line 71-37, it is explained. Lone Star states that the proposed abandonment would permit the retirement from service and up to 2,500 feet of 6-inch pipe in Texas from which no customers are served.

Lone Star states that the abandonment would not result in diminution of service to any existing customers. It is further stated that the abandonment would improve deliverability to all customers and would enhance the efficiency of Lone Star's operations.

*Comment date:* December 23, 1986, in accordance with Standard Paragraph F at the end of this notice.

#### 3. Northwest Central Pipeline Corporation

[Docket No. CP87-91-000]

Take notice that on November 21, 1986, Northwest Central Pipeline Corporation (Northwest Central), P.O. Box 3288, Tulsa, Oklahoma 70101, filed in Docket No. CP87-91-000 an application pursuant to § 157.205 of the Commission's Regulations under the Natural Gas Act (18 CFR 157.205) to construct and install a new delivery point in Mitchell County, Kansas, for the sale and delivery of gas to The Kansas Power and Light Company (KPL Gas Service) under the certificate issued in Docket No. CP82-479-000 pursuant to section 7(c) of the Natural Gas Act, all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Northwest Central states that KPL Gas Service has requested this additional delivery point in order to make a sale to the Waconda Lake Resort to be located at the Glen Elder State Park. KPL Gas Service indicates that the projected volume of delivery through these facilities is 21,000 Mcf of natural gas per year with a maximum peak load of 264 Mcf of gas per day remaining constant over a five year period. It is stated that the estimated cost of construction is \$8,080, which will be paid from treasury cash. Northwest Central states that it supplies all the requirements of KPL Gas Service and that the total volumes to be delivered herein would not exceed the total volumes authorized prior to this request.

Northwest Central states that this change is not prohibited by an existing tariff and it has sufficient capacity to accomplish the deliveries specified



without detriment or disadvantage to its other customers.

*Comment date:* January 16, 1986, in accordance with Standard Paragraph G at the end of this notice.

#### 4. Portland Pipe Line Corporation

[Docket No. CP87-70-000]

Take notice that on November 13, 1986, Portland Pipe Line Corporation (Portland), P.O. Box 2590, South Portland, Maine 04106, filed in Docket No. CP87-70-000, a petition pursuant to Rule 207 of the Commission's Rules of Practice and Procedure requesting a declaratory order seeking to remove uncertainty as to the following two issues arising should the application of Granite State Gas Transmission, Inc. (Granite State) in Docket No. CP87-39-000 for a certificate of public convenience and necessity and for an order permitting pregranted abandonment, be granted whereby Granite State would lease for a defined period of time Portland's 18-inch crude oil pipeline, all as more fully set forth in the petition which is on file with the Commission and open to public inspection.

The two issues are as follows:

(1) Would the income received by Portland under the lease of its 18-inch line to Granite State be considered as derived from non-operating property, and would it, as non-carrier revenue, be excluded in the determination of Portland's oil pipeline rates pursuant to FERC Opinions 154-B<sup>1</sup> and 154-C?<sup>2</sup> Portland would answer this question in the affirmative.

(2) Would Portland be considered a "natural gas company" within the meaning of section 2(6) of the Natural Gas Act during the period the pipeline is operated in natural gas service by Granite State? Portland would answer this question in the negative.

*Comment date:* December 23, 1986, in accordance with the first subparagraph of Standard Paragraph F at the end of this notice.

#### 5. Southern Natural Gas Company

[Docket No. CP87-73-000]

Take notice that on November 13, 1986, Southern Natural Gas Company (Southern), P.O. Box 2563, Birmingham, Alabama 35202-2563, filed in Docket No. CP87-73-000 an application pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity authorizing Southern to transport gas for a limited-term on

behalf of the City of Thomson Natural Gas System (Thomson), all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Southern states that it requests a one-year limited-term certificate authorizing it to transport up to 4.5 billion Btu equivalent of gas per day on an interruptible basis on behalf of Thomson in accordance with the terms and conditions of a transportation agreement between Thomson and Southern dated August 20, 1986.

It is stated in the transportation agreement between Southern and Thomson that Thomson would cause gas to be delivered to Southern for transportation at the various existing points on Southern's contiguous pipeline system specified in Exhibit A to the agreement. Southern would redeliver to Thomson at the City of Thomson Meter Station, Jefferson County, Georgia, an equivalent quantity of gas less 3.25 percent of such amount which shall be deemed to have been used as compressor fuel and company-use gas (including system unaccounted-for gas losses); less any and all shrinkage, fuel or loss resulting from or consumed in the processing of gas; and less Thomson's *pro rata* share of any gas delivered for Thomson's account which is lost or vented for any reason.

Southern states that Thomson has agreed to pay Southern each month the following transportation rate:

(a) Where the aggregate of the volumes transported and redelivered by Southern on any day to Thomson under any and all transportation agreements with Southern, when added to the volumes of gas delivered under Southern's OCD Rate Schedule on such day to Thomson do not exceed the daily contract demand of Thomson, the transportation rate shall be 48.2 cents per MMBtu equivalent; and

(b) Where the aggregate of the volumes transported and redelivered by Southern on any day to Thomson under any and all transportation agreements with Southern, when added to the volumes of gas delivered under Southern's OCD Rate Schedule on such day to Thomson exceed the daily contract demand of Thomson, the transportation rate for the excess volumes shall be 77.6 cents per MMBtu equivalent.

In addition, Southern would collect from Thomson the GRI surcharge of 1.35 cents per Mcf of gas or any such other GRI funding unit or surcharge as hereafter prescribed.

Southern states that the transportation arrangement would enable Thomson to diversify its natural

gas supply sources and to obtain gas at competitive prices. Southern additionally states it would obtain take-or-pay relief for all volumes transported pursuant to the agreement.

*Comment date:* December 23, 1986, in accordance with Standard Paragraph F at the end of this notice.

#### 6. Southern Natural Gas Company

[Docket No. CP87-79-000]

Take notice that on November 14, 1986, Southern Natural Gas Company (Southern), P.O. Box 2563, Birmingham, Alabama 35202, filed in Docket No. CP87-79-000 an application pursuant to section 7(c) of the Natural Gas Act for limited-term certificate of public convenience and necessity authorizing for one year the transportation of natural gas for the Town of Calera, Alabama, (Calera), all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Southern requests a limited-term certificate of public convenience and necessity authorizing it to transport gas on behalf of Calera, acting as agent in arranging for the transportation of natural gas supplies for Abex Corporation (Abex) in accordance with the terms and conditions of a transportation agreement between Calera and Southern dated August 18, 1986 (agreement). Southern states that Abex has entered into a gas sales contract dated June 19, 1986, to purchase natural gas from SNG Trading Inc. (SNG) in order to serve the natural gas requirements of its plant in Calera, Alabama. It is said that in order to effectuate delivery of the gas purchased, Abex has entered into another contract with Calera dated August 12, 1986, wherein Calera has agreed to transport through its facilities the gas purchased by Abex to its plant, and in conjunction therewith, to obtain as agent for Abex the transportation of said gas through Southern's pipeline system.

It is stated that subject to the receipt of all necessary governmental authorizations, Southern has agreed to transport on an interruptible basis up to 2 billion Btu equivalent of gas per day purchased by Abex from SNG. Southern requests that the Commission issue a limited-term certificate for a term expiring one year from the date of the Commission's order issuing the requested authorization.

The agreement, it is said, provides that Calera would cause gas to be delivered to Southern for transportation at various existing points of delivery on Southern's contiguous pipeline system as specified in Exhibit F to the

<sup>1</sup> Williams Pipe Line Company, 31 FERC ¶ 61,377 (issued June 18, 1985).

<sup>2</sup> Williams Pipe Line Company, 33 FERC ¶ 63,327 (issued December 5, 1985).



Application. Southern states that it would redeliver to Calera at the Calera Meter Station, Shelby County, Alabama, an equivalent quantity of gas less 3.25 percent of such amount which shall be deemed to have been used as compressor fuel and company-use gas (including system unaccounted-for gas losses); less any and all shrinkage, fuel or loss resulting from or consumed in the processing of gas; and less Calera's *pro rata* share of any gas delivered for Calera's account which is lost or vented for any reason.

Southern states that Calera has agreed to pay Southern each month, the following transportation rates:

(a) Where the aggregate of the volumes transported and redelivered by Southern on any day to Calera under any and all transportation agreements with Southern, when added to the volumes of gas delivered under Southern's Rate Schedule OCD on such day to Calera, do not exceed the daily contract demand of Calera, the transportation rate would be 39.9 cents per million Btu equivalent; and

(b) Where the aggregate of the volumes transported and redelivered by Southern on any day to Calera under any and all transportation agreements with Southern, when added to the volumes of gas delivered under Southern's Rate Schedule OCD on such day to Calera exceed the daily contract demand of Calera, the transportation rate for the excess volumes would be 64.9 cents per million Btu equivalent.

Southern states that the transportation arrangement would enable Abex to diversify its natural gas supply sources and to obtain gas at competitive prices. In addition, it is said that Southern would obtain take-or-pay relief on all volumes transported pursuant to the agreement.

*Comment date:* December 23, 1986, in accordance with Standard Paragraph F at the end of this notice.

#### 7. Tennessee Gas Pipeline Company, a Division of Tenneco Inc.

[Docket No. CP87-75-000]

Take notice that on November 14, 1986, Tennessee Gas Pipeline Company, a Division of Tenneco Inc. (Applicant), P.O. Box 2511, Houston, Texas 77001, filed in Docket No. CP87-75-000 an application pursuant to section 7(c) of the Natural Gas Act so as to authorize the firm sale of natural gas for resale to Providence Gas Company (Providence) and the construction and operation of facilities, all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Applicant requests authority to provide a firm sales service of up to 30,000 dt equivalent of natural gas per day for Providence. Applicant states that it would charge Providence the effective Rate Schedule CD-6 rate.

Applicant also requests authority to construct and operate the following facilities:

1. 8.4 miles of 30-inch loop on Applicant's 200 line in New York and Massachusetts;
2. 10.7 miles of 20-inch pipeline and 25.3 miles of 16-inch pipeline extending from Worcester County, Massachusetts, to Cranston, Rhode Island; and
3. A meter station at Cranston, Rhode Island.

Applicant states that the total estimated cost of the proposed facilities would be \$31,679,000 which would be financed with internally generated funds.

*Comment date:* December 23, 1986, in accordance with Standard Paragraph F at the end of this notice.

#### Standard Paragraphs

F. Any person desiring to be heard or make any protest with reference to said filing should on or before the comment date file with the Federal Energy Regulatory Commission, 825 North Capitol Street, NW., Washington, DC 20426, a motion to intervene or a protest in accordance with the requirements of the Commission's Rules of Practice and Procedure (18 CFR 385.211 and 385.214) and the Regulations under the Natural Gas Act (18 CFR 157.10). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants parties to the proceeding. Any person wishing to become a party to a proceeding or to participate as a party in any hearing therein must file a motion to intervene in accordance with the Commission's Rules.

Take further notice that, pursuant to the authority contained in and subject to jurisdiction conferred upon the Federal Energy Regulatory Commission by sections 7 and 15 of the Natural Gas Act and the Commission's rules of practice and procedure, a hearing will be held without further notice before the Commission or its designee on this filing if no motion to intervene is filed within the time required herein, if the Commission on its own review of the matter finds that a grant of the certificate is required by the public convenience and necessity. If a motion for leave to intervene is timely filed, or if the Commission on its own motion believes that a formal hearing is

required, further notice of such hearing will be duly given.

Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for the applicant to appear or be represented at the hearing.

G. Any person or the Commission's staff may, within 45 days after the issuance of the instant notice by the Commission, file pursuant to Rule 214 of the Commission's procedural rules (18 CFR 385.214) a motion to intervene or notice of intervention and pursuant to § 157.205 of the Regulations under the Natural Gas Act (18 CFR 157.205) a protest of the request. If no protest is filed within the time allowed therefor, the proposed activity shall be deemed to be authorized effective the day after the time allowed for filing a protest. If a protest is filed and not withdrawn within 30 days after the time allowed for filing a protest, the instant request shall be treated as an application for authorization pursuant to section 7 of the Natural Gas Act.

Kenneth F. Plumb,  
Secretary.

[FR Doc. 86-27523 Filed 12-5-86; 8:45 am]  
BILLING CODE 6717-01-M

[Docket No. TA87-1-11-000, 001]

#### United Gas Pipe Line Co.; Filing of Revised Tariff Sheets

December 3, 1986.

Take notice that on November 26, 1986, United Gas Pipe Line Company (United) tendered for filing to its FERC Gas Tariff, First Revised Volume No. 1, the following tariff sheets:

- Seventy-Fifth Revised Sheet No. 4
- Fourteenth Revised Sheet No. 4-A
- Fourteenth Revised Sheet No. 4-A
- Twentieth Revised Sheet No. 4-C
- Sixth Revised Sheet No. 4-D
- Fifth Revised Sheet No. 4-E

United states that Tariff Sheets 4, 4-A and 4-B and supporting information are being filed pursuant to sections 19, 21, 23, and 24 of United's Tariff Sheet No. 4-C is submitted pursuant to the letter order issued by the Office of Pipeline and Producer Regulations dated January 27, 1982 in Docket No. CP81-387-000. Tariff Sheet Nos. 4, 4-C, 4-D, and 4-E reflect the GRI surcharge authorized in Opinion No. 252 issued September 29, 1986. The proposed effective date for each of these sheets is January 1, 1987.

United has mailed copies of this filing to its jurisdictional customers and to interested state regulatory agencies.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal



Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with Rules 214 and 211 of the Commission's rules of practice and procedure. All such motions or protests should be filed on or before December 10, 1986. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 86-27518 Filed 12-5-86; 8:45 am]

BILLING CODE 6717-01-M

## FEDERAL COMMUNICATIONS COMMISSION

### A Closed Circuit Test of the Emergency Broadcast System During the Week of December 15, 1986

December 1, 1986.

A test of the Emergency Broadcast System (EBS) has been scheduled during the week of December 15, 1986. Only ABC, AP Radio, CBS, CNN, MBS, NBC, NPR, United Stations and UPI Audio Radio Network affiliates will receive the Test Program for the Closed Circuit Test. The ABC, CBS, NBC, and PBS television networks and the national cable program supplier networks are not participating in the test.

Network and press wire service affiliates will be notified of the test procedures via their network approximately 25 minutes prior to the test.

Final evaluation of the test is scheduled to be made about one month after the Test.

This is a closed circuit test and will not be broadcast over the air.

Federal Communications Commission.

William J. Tricarico,

Secretary.

[FR Doc. 86-27430 Filed 12-5-86; 8:45 am]

BILLING CODE 6712-01-M

### Applications for Consolidated Hearing; Barbara Kay Turner, et al.

1. The Commission has before it the following mutually exclusive applications for a new FM station:

| Applicant, City, and State                                                                  | File No.     | MM Docket No. |
|---------------------------------------------------------------------------------------------|--------------|---------------|
| A. Barbara Kay Turner, Citronelle, AL.                                                      | BPH-850201MB | 86-445        |
| B. Citronelle FM Group, Limited Partnership, Citronelle, AL.                                | BPH-850703MC |               |
| C. George M. Cockrell and Paul James Cockrell, d/b/a, Two C Communications, Citronelle, AL. | BPH-850711OD |               |
| D. Citronelle Broadcasting Company Ltd., Citronelle, AL.                                    | BPH-850712SD |               |
| E. Lewis M. Anzek, Citronelle, AL.                                                          | BPH-850712SE |               |

2. Pursuant to section 309(e) of the Communications Act of 1934, as amended, the above applications have been designated for hearing in a consolidated proceeding upon the issues whose headings are set forth below. The text of each of these issues has been standardized and is set forth in its entirety under the corresponding headings at 51 FR 19347, May 29, 1986. The letter shown before each applicant's name, above, is used below to signify whether the issue in question applies to that particular applicant.

#### Issue Heading and Applicant(s)

1. Comparative, A, B, C, D, E
2. Ultimate, A, B, C, D, E

3. If there is any non-standardized issue(s) in this proceeding, the full text of the issue and the applicant(s) to which it applies are set forth in an Appendix to this Notice. A copy of the complete HDO in this proceeding is available for inspection and copying during normal business hours in the FCC Dockets Branch (Room 230), 1919 M Street, NW., Washington, DC. The complete text may also be purchased from the Commission's duplicating contractor, International Transcription Services, Inc., 2100 M Street, NW., Washington, DC 20037. (Telephone (202) 857-3800).

W. Jan Gay,

Assistant Chief, Audio Services Division, Mass Media Bureau.

[FR Doc. 86-27428 Filed 12-5-86; 8:45 am]

BILLING CODE 6712-01-M

### Applications for Consolidated Hearing; KDUN Radio, Inc., et al.

1. The Commission has before it the following mutually exclusive applications for a new AM station:

| Applicant, City and State               | File No.    | MM Docket No. |
|-----------------------------------------|-------------|---------------|
| A. KDUN Radio, Inc., Reedsport, Oregon. | BP-820305VA | 86-444        |

| Applicant, City and State                                                                     | File No.    | MM Docket No. |
|-----------------------------------------------------------------------------------------------|-------------|---------------|
| B. M. Keith Allgood and Stanley Soho d/b/a Central Point Broadcasting, Central Point, Oregon. | BP-830705AA |               |
| C. Beardslee Broadcasting Inc., Philomath, Oregon.                                            | BP-830706AA |               |
| D. Leroy W. Demery Jr., Ashland, Oregon.                                                      | BP-830706AE |               |

2. Pursuant to section 309(e) of the Communications Act of 1934, as amended, the above applications have been designated for hearing in a consolidated proceeding upon the issues whose headings are set forth below. The text of each of these issues has been standardized and is set forth in its entirety under the corresponding headings at 51 FR 19347, May 29, 1986. The letter shown before each applicant's name, above, is used below to signify whether the issue in question applies to that particular applicant.

#### Issue Heading and Applicant(s)

1. 307(b) Modification, All applicants.
2. Contingent comparative, All applicants.
3. Ultimate, All applicants.

3. If there is any non-standardized issue(s) in this proceeding, the full text of the issue and the applicant(s) to which it applies are set forth in an Appendix to this Notice. A copy of the complete HDO in this proceeding is available for inspection and copying during normal business hours in the FCC Dockets Branch (Room 230), 1919 M Street, NW., Washington, DC. The complete text may also be purchased from the Commission's duplicating contractor, International Transcription Services, Inc., 2100 M Street, NW., Washington, DC 20037. (Telephone (202) 857-3800).

Larry D. Eads,

Chief, Audio Services Division, Mass Media Bureau.

[FR Doc. 86-27429 Filed 12-5-86; 8:45 am]

BILLING CODE 6712-01-M

### Applications for Consolidated Hearing; Marvin G. Schwartz, et al.

1. The Commission has before it the following mutually exclusive applications for a new AM station:

| Applicant, City, and State                 | File No.    | MM Docket No. |
|--------------------------------------------|-------------|---------------|
| A. Marvin G. Schwartz, Widefield, CO.      | BP-840405AA | 86-446        |
| B. Vernice M. Dunbar, Manitou Springs, CO. | BP-840508AA |               |
| C. Louis Foreman Allen, Falcon, CO.        | BP-840828AF |               |



2. Pursuant to section 309(e) of the Communications Act of 1934, as amended, the above applications have been designated for hearing in a consolidated proceeding upon the issues whose headings are set forth below. The text of each of these issues has been standardized and is set forth in its entirety under the corresponding headings at 51 FR 19347, May 29, 1986. The letter shown before each applicant's name, above, is used below to signify whether the issue in question applies to that particular applicant.

*Issue Heading and Applicant(s)*

1. 307(b). All applicants.
2. Contingent comparative. All applicants.
3. Ultimate. All applicants.

3. If there is any non-standardized issue(s) in this proceeding, the full text of the issue and the applicant(s) to which it applies are set forth in an Appendix to this Notice. A copy of the complete HDO in this proceeding is available for inspection and copying during normal business hours in the FCC Dockets Branch (Room 230), 1919 M Street, NW., Washington, DC. The complete text may also be purchased from the Commission's duplicating contractor, International Transcription Services, Inc., 2100 M Street, NW., Washington, DC 20037. (Telephone (202) 857-3800).

Larry D. Eads,

Chief, Audio Services Division, Mass Media Bureau.

[FR Doc. 86-27427 Filed 12-5-86; 8:45 am]

BILLING CODE 6712-01-M

## FEDERAL DEPOSIT INSURANCE CORPORATION

### Statement of Policy and Criteria on Assistance to Operating Insured Banks

**AGENCY:** Federal Deposit Insurance Corporation.

**ACTION:** Revision of statement of policy.

**SUMMARY:** This statement of policy is intended to provide operating FDIC insured banks which are in danger of failing an indication of the general conditions and terms the FDIC believes appropriate if it is to provide assistance in order to prevent a bank from closing.

**EFFECTIVE DATE:** December 8, 1986.

#### FOR FURTHER INFORMATION CONTACT:

For information on specific proposals and application of the guidelines: FDIC Regional Director, Division of Bank Supervision, for the region in which the bank is located.

For general information: The FDIC Regional Director, Division of Bank

Supervision, for the region in which the bank is located or J. Paul Ramey, Assistant Director, Failing Banks and Assistance Transactions Section, Division of Bank Supervision, Room 5070, Federal Deposit Insurance Corporation, 550 17th Street NW., Washington, DC 20429, (202) 898-6789.

#### SUPPLEMENTARY INFORMATION:

##### Background

In October 1982, with the passage of the Garn-St Germain Act (Pub. L. 97-320), Congress expanded the authority of the Federal Deposit Insurance Corporation (the "FDIC") to provide assistance to prevent the closing of FDIC insured banks. Prior to that, such assistance had been permitted only if the continued operation of the bank to be assisted was essential to provide adequate banking service in the community.

In 1983, the FDIC issued a policy statement (48 FR 38669, August 25, 1983) to amplify its position regarding assistance to failing banks. Since that time the number, size and complexity of bank failures have increased dramatically. In recent months, requests for assistance also have increased significantly.

In response to these changing circumstances, a revision to the guidelines regarding open bank assistance is appropriate. The FDIC believes that more options to provide assistance to an operating bank should be considered in instances where it is cost effective and otherwise meets FDIC criteria. Further revisions to the policy may be necessary in the future as circumstances continue to evolve.

The 1983 policy was designed to cover only commercial banks which were in danger of failing. The revised guidelines cover both commercial banks and thrifts which are FDIC insured. The new statement replaces both the 1983 policy statement and the Voluntary Assisted Merger Program (see Press Release 99-82, December 7, 1982) which had been used for savings banks.

The test of the statement of policy follows:

#### FDIC Statement of Policy and Criteria on Assistance to Operating Insured Banks

The Board of Directors of the Federal Deposit Insurance Corporation (the "FDIC") has the authority under Section 13(c) of the Federal Deposit Insurance Act (12 U.S.C. 1823(c)) to provide financial assistance to prevent the closing of an insured bank. Assistance also may be provided if, when severe financial conditions exist which threaten the stability of a significant

number of insured banks or of insured banks possessing significant financial resources, such action is taken in order to lessen the risk to the FDIC posed by such insured bank under such threat of instability. Assistance may be provided directly to the bank in danger of failing, to another bank financially able to merge with or acquire the failing bank, or to a holding company or other qualified entity to facilitate its acquisition of the bank. In order for the FDIC to provide assistance, either the amount of the assistance must be less than the cost of liquidating, including paying the insured accounts of, the bank or the FDIC's Board must determine that the continued operation of the bank is essential to provide adequate banking services in its community.

An assistance proposal should meet the following guidelines except where there are compelling reasons to the contrary:

(1) The cost to the FDIC of the proposal clearly must be less than other available alternatives.<sup>1</sup>

(2) The proposal must provide for adequate managerial resources, sufficient tangible capitalization and reasonable assurance of the future viability of the bank.

(3) FDIC assistance must be accompanied by significant capital infusions from non-FDIC sources.

(4) The proposal must ensure that FDIC assistance will benefit the bank and the FDIC and not be diverted to other purposes.

(5) Renegotiation or termination of management contracts may be expected prior to the granting of assistance. Continued service of all directors, officers serving in a policy-making role, and other officers of the assisted bank, as may be designated by the FDIC, will be subject to approval by the FDIC. Further, the FDIC will review and may disapprove any or all parts of any new compensation packages or termination agreements covering these individuals throughout the period assistance is outstanding.

<sup>1</sup> The FDIC bases its analysis on an estimation of two factors: (a) the amount by which the liabilities of the bank exceed the value of the bank's assets, and (b) the portion of this deficit which would be borne by the FDIC in the event of a payoff. The FDIC estimates the value of the bank's assets based on available examination data and prior experience in collecting failed bank assets. In applying its cost calculation, the FDIC considers the premium that may be received for a closed bank in a purchase and assumption transaction and the administrative costs of paying off depositors. The FDIC also may consider other factors such as interest on funds it advances and the cost of maintaining a liquidation operation.



(6) The financial effect on common shareholders and holders of material amounts of subordinated debt and/or preferred stock of the failing bank must approximate the effect which would have occurred had the assisted bank failed.

(7) It is preferable that the proposal not provide the FDIC an equity interest in banking institutions. If acceptance of an equity position is necessary, the FDIC will normally expect to receive a significantly enhanced benefit calculated using conservative assumptions.<sup>2</sup>

(8) It is preferable that any proposal for FDIC assistance provide for repayment of the FDIC in whole or in part.

(9) If the assisted bank is a subsidiary of a holding company, a proposal should be structured so that:

(a) assistance is not given to the holding company, except where compelling reasons require it, and then only when the holding company acts solely as a conduit for providing assistance to the bank;

(b) the impact on directors, management, shareholders and creditors of the holding company approximates what would be expected had the assisted subsidiary bank failed (holding company creditors therefore may be required to subordinate and/or renegotiate the terms of their debts); and

(c) available resources from the holding company and its other banks and/or nonbank subsidiaries are used to make a significant contribution toward minimizing the financial exposure of the FDIC.

(10) The FDIC's preference is not to acquire or service assets of assisted banks. It is recognized this objective may not be practical or desirable in all situations. Generally, however, assistance proposals should provide for the surviving institution to retain title to and service all assets of the assisted bank. Under appropriate circumstances, the FDIC will consider loss sharing arrangements on distressed assets. To the extent distressed assets are transferred to the FDIC, the proposal should offer a satisfactory servicing arrangement for FDIC consideration.

(11) Generally, the surviving bank should retain responsibility for pursuing legal claims or other potential claims against bonding and insurance companies, accountants, attorneys, directors or officers. However, the proposal should provide the FDIC the option of assuming and pursuing, on its

own initiative, the bank's right to pursue such claims.

(12) Fee arrangements to attorneys, investment bankers, consultants and other advisors incident to requests for FDIC financial assistance must be disclosed to the FDIC and will be evaluated in determining the cost to the FDIC of the assistance package. Excessive fees must be avoided. In no case should payment of any fee be contingent upon approval or receipt of financial assistance from the FDIC.

#### Other Information

Any proposal requesting assistance to prevent the closing of an insured bank should be addressed to the appropriate FDIC Regional Office of the Division of Bank Supervision and should provide the amount, terms and conditions of the assistance requested from the FDIC as well as details of the financial support to be provided to the bank by its directors, shareholders and others. This information must be presented in such a manner as to permit the FDIC to estimate the maximum cost it will incur as a result of the proposal.

A copy of any proposal requesting assistance should be provided to the Failing Banks and Assistance Transactions Section in the Washington Office of the FDIC, the bank's chartering authority and, if approvals under the Bank Holding Company Act are required, the appropriate Federal Reserve bank.

By order of the Board of Directors. Dated at Washington, DC, this 2nd day of December 1986.

Federal Deposit Insurance Corporation.

Hoyle L. Robinson,

Executive Secretary.

[FR Doc. 86-27512 Filed 12-5-86; 8:45 am]

BILLING CODE 6714-01-M

#### FEDERAL MARITIME COMMISSION

##### Agreement Filed

The Federal Maritime Commission hereby gives notice of the filing of the following agreement pursuant to section 5 of the Shipping Act of 1984.

Interested parties may inspect and obtain a copy of each agreement at the Washington, DC Office of the Federal Maritime Commission, 1100 L Street, NW., Room 10325. Interested parties may submit comments on each agreement to the Secretary, Federal Maritime Commission, Washington, DC 20573, within 10 days after the date of the Federal Register in which this notice appears. The requirements for comments are found in § 572.603 of Title 46 of the Code of Federal Regulations.

Interested persons should consult this section before communicating with the Commission regarding a pending agreement.

Agreement No.: 203-011038

Title: Southeastern Caribbean

Discussion Agreement

Parties:

United States Atlantic and Gulf/  
Southeastern Caribbean Conference  
Trailer Marine Transport Corporation  
Synopsis: The proposed agreement would permit the parties to meet, exchange information and agree upon rates and charges, but does not authorize a common tariff or require adherence to any agreement reached.

By Order of the Federal Maritime Commission.

Joseph C. Polking,

Secretary.

Dated: December 2, 1986.

[FR Doc. 86-27418 Filed 12-5-86; 8:45 am]

BILLING CODE 6730-01-M

##### Agreement Filed

The Federal Maritime Commission hereby gives notice that the following agreement has been filed with the Commission pursuant to section 15 of the Shipping Act, 1916, and section 5 of the Shipping Act of 1984.

Interested parties may inspect and obtain a copy of each agreement at the Washington, DC Office of the Federal Maritime Commission, 1100 L Street NW., Room 10325. Interested parties may submit protests or comments on each agreement to the Secretary, Federal Maritime Commission, Washington, DC 20573, within 10 days after the date of the Federal Register in which this notice appears. The requirements for comments and protests are found in § 560.7 and/or 572.603 of Title 46 of the Code of Federal Regulations. Interested persons should consult this section before communicating with the Commission regarding a pending agreement.

Any person filing a comment or protest with the Commission shall, at the same time, deliver a copy of that document to the person filing the agreement at the address shown below.

Agreement No.: 024-011037

Title: Baton Rouge Marine Contractors Terminal Agreement

Parties: Strachan Shipping Company, I.T.O. Corporation, Cooper/T. Smith Stevedoring, Biehl & Company, Keer Steamship Co., Inc.

Synopsis: The proposed agreement would establish Baton Rouge Marine Contractors, Inc. as a marine terminal

<sup>2</sup> The FDIC is prohibited from using its section 13(c) authority to purchase the voting or common stock of an insured bank.



operator at the Port of Baton Rouge and New Orleans, Louisiana.  
 Filing Party: Edward S. Bagley, Esquire, Terriberry, Carroll & Yancey, 2100 World Trade Center, New Orleans, Louisiana 70130.

By Order of the Federal Maritime Commission.

Dated: December 2, 1986.

Joseph C. Polking,

Secretary.

[FR Doc. 86-27417 Filed 12-5-86; 8:45 am]

BILLING CODE 6730-01-M

## FEDERAL RESERVE SYSTEM

### BankEast Corp.; Formation of, Acquisition by, or Merger of Bank Holding Companies; and Acquisition of Nonbanking Company

The company listed in this notice has applied under § 225.14 of the Board's Regulation Y (12 CFR 225.14) for the Board's approval under section 3 of the Bank Holding Company Act (12 U.S.C. 1842) to become a bank holding company or to acquire voting securities of a bank or bank holding company. The listed company has also applied under § 225.23(a)(2) of Regulation Y (12 CFR 225.23(a)(2)) for the Board's approval under section 4(c)(8) of the Bank Holding Company Act (12 U.S.C. 1843(c)(8)) and § 225.21(a) of Regulation Y (12 CFR 225.21(a)) to acquire or control voting securities or assets of a company engaged in a nonbanking activity that is listed in § 225.25 of Regulation Y as closely related to banking and permissible for bank holding companies, or to engage in such an activity. Unless otherwise noted, these activities will be conducted throughout the United States.

The application is available for immediate inspection at the Federal Reserve Bank indicated. Once the application has been accepted for processing, it will also be available for inspection at the offices of the Board of Governors. Interested persons may express their views in writing on the question whether consummation of the proposal can "reasonably be expected to produce benefits to the public, such as greater convenience, increased competition, or gains in efficiency, that outweigh possible adverse effects, such as undue concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." Any request for a hearing on this question must be accompanied by a statement of the reasons a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of

fact that are in dispute, summarizing the evidence that would be presented at a hearing, and indicating how the party commenting would be aggrieved by approval of the proposal.

Comments regarding the application must be received at the Reserve Bank indicated or the offices of the Board of Governors not later than December 26, 1986.

**A. Federal Reserve Bank of Boston** (Robert M. Brady, Vice President) 600 Atlantic Avenue, Boston, Massachusetts 02106:

1. *BankEast Corporation*, Manchester, New Hampshire; to merge with United Banks Corporation, Hanover, New Hampshire, and thereby indirectly acquire Hanover Bank & Trust Company, Hanover, New Hampshire.

In connection with this application, Applicant also proposes to acquire United Appraisals, Inc., Hanover, New Hampshire, and thereby conduct appraisals of residential and commercial real estate pursuant to § 225.25(b)(13) of the Board's Regulation Y.

Board of Governors of the Federal Reserve System, December 2, 1986.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 86-27479 Filed 12-5-86; 8:45 am]

BILLING CODE 6210-01-M

### Penncore Financial Services Corp., et al.; Formations of; Acquisitions by; and Mergers of Bank Holding Companies

Three companies listed in this notice have applied for the Board's approval under section 3 of the Bank Holding Company Act (12 U.S.C. 1842) and § 225.14 of the Board's Regulation Y (12 CFR 225.14) to become a bank holding company or to acquire a bank or bank holding company. The factors that are considered in acting on the applications are set forth in section 3(c) of the Act (12 U.S.C. 1842(c)).

Each application is available for immediate inspection at the Federal Reserve Bank indicated. Once the application has been accepted for processing, it will also be available for inspection at the offices of the Board of Governors. Interested persons may express their views in writing to the Reserve Bank or to the offices of the Board of Governors. Any comment on an application that requests a hearing must include a statement of why a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute and summarizing the evidence that would be presented at a hearing.

Unless otherwise noted, comments regarding each of these applications

must be received not later than December 23, 1986.

**A. Federal Reserve Bank of Philadelphia** (Thomas K. Desch, Vice President) 100 North 6th Street, Philadelphia, Pennsylvania 19105:

1. *Penncore Financial Services Corporation*, Camp Hill, Pennsylvania; to become a bank holding company by acquiring 100 percent of the voting shares of Commonwealth State Bank, Newtown, Pennsylvania, a *de novo* bank.

**B. Federal Reserve Bank of Minneapolis** (James M. Lyon, Vice President) 250 Marquette Avenue, Minneapolis, Minnesota 55480:

1. *Sauk Centre Financial Services, Inc.*, Sauk Centre, Minnesota; to become a bank holding company by acquiring 100 percent of the voting shares of First National Bank of Sauk Centre, Sauk Centre, Minnesota.

2. *Valley National Banc Holding Company*, Apple Valley, Minnesota; to become a bank holding company by acquiring 100 percent of the voting shares of Valley National Bank, Apple Valley, Minnesota, a *de novo* bank.

Board of Governors of the Federal Reserve System, December 2, 1986.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 86-27480 Filed 12-5-86; 8:45 am]

BILLING CODE 6210-01-M

### United Virginia Bankshares, Incorporated, et al.; Application to Engage *de novo* in Nonbanking Activities

The company listed in this notice has filed an application under § 225.23(a)(3) of the Board's Regulation Y (12 CFR 225.23(a)(3)) for the Board's approval under section 4(c)(8) of the Bank Holding Company Act (12 U.S.C. 1843(c)(8)) and § 225.21(a) of Regulation Y (12 CFR 225.21(a)) to commence or to engage *de novo*, either directly or through a subsidiary, in a nonbanking activity. Unless otherwise noted, such activities will be conducted throughout the United States.

The application is available for immediate inspection at the Federal Reserve Bank indicated. Once the application has been accepted for processing, it will also be available for inspection at the offices of the Board of Governors. Interested persons may express their views in writing on the question whether consummation of the proposal can "reasonably be expected to produce benefits to the public, such as greater convenience, increased competition, or gains in efficiency, that



outweigh possible adverse effects, such as undue concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." Any request for a hearing on this question must be accompanied by a statement of the reasons a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute, summarizing the evidence that would be presented at a hearing, and indicating how the party commenting would be aggrieved by approval of the proposal.

Comments regarding the application must be received at the Reserve Bank indicated or the offices of the Board of Governors not later than December 23, 1986.

**A. Federal Reserve Bank of Richmond**  
(Lloyd W. Bostian, Jr., Vice President)  
701 East Byrd Street, Richmond, Virginia 23261:

1. *United Virginia Bankshares, Incorporated*; Richmond, Virginia; to engage *de novo* through its subsidiary, *United Virginia Brokerage, Incorporated*, Richmond, Virginia, in the purchase and sale of precious metals (i.e., gold and silver bullion and coins) for the account of customers.

Board of Governors of the Federal Reserve System, December 2, 1986.

James McAfee,

*Associate Secretary of the Board.*

[FR Doc. 86-27481 Filed 12-5-86; 8:45 am]

BILLING CODE 6210-01-M

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### Public Health Service

#### Statement of Organization Functions and Delegations of Authority; Office of the Assistant Secretary for Health

Part H, Public Health Service (PHS), Chapter HA (Office of the Assistant Secretary for Health) of the Statement of Organization, Functions and Delegations of Authority for the Department of Health and Human Services (DHHS) (42 FR 61318, December 2, 1977, as amended most recently in pertinent part at 51 FR 8034, March 7, 1986) is amended to reflect a reorganization within the National Center for Health Services Research and Health Care Technology Assessment (NCHSR), Office of the Assistant Secretary for Health. The organizational unit of the Office of Program Development, will be abolished and functions transferred to the Office of the Director, NCHSR.

*Under Part H, Chapter HA, Office of the Assistant Secretary for Health (OASH), Section HA-20 Functions, under the heading for the National Center for Health Services Research and Health Care Technology Assessment (HAR), delete the statement for the Office of the Director (HAR1) and substitute the following:*  
*Office of the Director (HAR1).*

Provides executive direction for all the activities of the National Center for Health Services Research and Health Care Technology Assessment. Specifically: (1) Oversees and directs the formulation of program objectives and policies for the Center consistent with the law and with departmental and PHS policy; (2) oversees and coordinates the development of research plans for the Center; (3) provides analyses to assist in the formulation of health policy; (4) participates in the Forward Planning process of PHS and the Department; (5) plans, directs, coordinates, and evaluates the research programs, demonstration and evaluation activities, and prepares periodic and special reports that describe, integrate, and assess the results of research, evaluations, and demonstrations undertaken and supported by the Center; (6) maintains liaison with other Federal agencies, with State and local government organizations, and with the research community, and organizes conferences to review and recommend modification in the research plan of the Center; (7) oversees, coordinates, and evaluates national efforts to improve and expand the field of health services and health care technology research; (8) coordinates research efforts within PHS and the Department; (9) oversees and directs the response to inquiries received by the Center and clearance of documents dealing with matters of internal policy; (10) directs and coordinates Center activities in support of Equal Employment Opportunity programs; and (11) serves as scientific and technical advisor to the Office of the Assistant Secretary for Health, and the Office of the Secretary on matters related to health services and health care technology research.

Delete the title and statement for the *Office of Program Development (HAR12).*

Effective Date: November 26, 1986.

Wilford J. Forbush,

*Director, Office of Management/PHS.*

[FR Doc. 86-27486 Filed 12-5-86; 8:45 am]

BILLING CODE 4160-17-M

### Public Health Services

#### National Toxicology Program: Availability of Technical Report on Toxicology and Carcinogenesis Studies of Commercial Grade 2,4 (80%)- and 2,6 (20%)-Toluene Diisocyanate

The HHS' National Toxicology Program today announces the availability of the Technical Report describing the toxicology and carcinogenesis studies of commercial grade 2,4 (80%)- and 2,6 (20%)-toluene diisocyanate (TDI), used primarily in the manufacture of flexible polyurethane foams. These foam elastomers are found in furniture and automobile cushions, carpet underlays, pillow filling, mattresses, insulation, shoes, purses and toys. TDI is also used to produce polyurethane coatings for lacquers and wood finishes.

Groups of 50 female F344/N rats and 50 female B6C3F<sub>1</sub> mice were administered commercial grade TDI in corn oil by gavage at doses of 0, 60 or 120 mg/kg body weight, 5 days per week for 105 or 106 weeks. Groups of 50 male F344/N rats received 0, 30 or 60 mg/kg and groups of 50 male B6C3F<sub>1</sub> mice received 0, 120 or 240 mg/kg on the same schedule.

Under the conditions of these gavage studies, commercial grade toluene diisocyanate in corn oil was carcinogenic for F344/N rats, causing subcutaneous fibromas and fibrosarcomas (combined) in males and females, pancreatic acinar cell adenomas in males, and pancreatic islet cell adenomas, neoplastic nodules of the liver, and mammary gland fibroadenomas in females. Toluene diisocyanate was not carcinogenic for male B6C3F<sub>1</sub> mice. TDI was carcinogenic for female B6C3F<sub>1</sub> mice, causing hemangiomas or hemangiosarcomas (combined), as well as hepatocellular adenomas.

Copies of *Toxicology and Carcinogenesis Studies of Commercial Grade 2,4 (80%)- and 2,6 (20%)-Toluene Diisocyanate in F344/N Rats and B6C3F<sub>1</sub> Mice (Gavage Studies)* (TR 251) are available without charge from the NTP Public Information Office, MD B2-04, P.O. Box 12233, Research Triangle Park, NC 27709. Telephone: (919) 541-3991. FTS: 629-3991

Dated: December 2, 1986.

David P. Rall,

*Director.*

[FR Doc. 86-27526 Filed 12-5-86; 8:45 am]

BILLING CODE 4140-01-M



**National Toxicology Program:  
Availability of Technical Report on  
Toxicology and Carcinogenesis  
Studies of 1,2-Dichloropropane**

The HHS' National Toxicology Program today announces the availability of the Technical Report describing the toxicology and carcinogenesis studies of 1,2-dichloropropane (propylene dichloride), a chemical intermediate widely used in the production of tetrachloroethylene and carbon tetrachloride. It is an oil and fat solvent in certain furniture finishes, dry cleaning, fluids, and paint removers and has been used to fumigate grain and soil and to control peach tree borers.

Carcinogenesis studies of 1,2-dichloropropane were conducted by administering the chemical in corn oil by gavage to groups of 50 female F344/N rats and 50 male and 50 female B6C3F<sub>1</sub> mice at doses of 0, 125 or 250 mg/kg body weight and to groups of 50 male F344/N rats at doses of 0, 62 or 125 mg/kg body weight. Doses were administered 5 times per week for 103 weeks.

Under the conditions of these two-year gavage studies, there was no evidence of carcinogenicity<sup>1</sup> for male F344/N rats receiving 1,2-dichloropropane at 62 or 125 mg/kg. For female rats there was equivocal evidence of carcinogenicity in that 250 mg/kg 1,2-dichloropropane caused a marginally increased incidence of adenocarcinomas in the mammary gland; these borderline malignant lesions occurred concurrent with decreased survival and reduced body weight gain. There was some evidence of carcinogenicity for male and female B6C3F<sub>1</sub> mice exposed to 1,2-dichloropropane, as indicated by increased incidences of hepatocellular neoplasms; primarily adenomas.

Copies of *Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) in F344/N Rats and B6C3F<sub>1</sub> Mice (Gavage Studies)* (TR 263) are available without charge from the NTP Public Information Office, MD B2-04, P.O. Box 12233, Research Triangle Park, NC 27709. Telephone: (919) 541-3991. FTS: 629-3391.

<sup>1</sup> The NTP uses five categories of evidence of carcinogenicity to summarize the strength of the evidence observed in each animal study: two categories for positive results ("clear evidence" and "some evidence"), one category for uncertain findings ("equivocal evidence"), one category for no observable effect ("no evidence"), and one category for studies that cannot be evaluated because of major flaws ("inadequate study").

Dated: December 2, 1986.  
David P. Rall,  
Director.  
[FR Doc. 86-27527 Filed 12-5-86; 8:45 am]  
BILLING CODE 4140-01-M

**National Toxicology Program:  
Availability of Technical Report on  
Toxicology and Carcinogenesis  
Studies of 4-Vinylcyclohexene**

The HHS' National Toxicology Program today announces the availability of the Technical Report describing the toxicology and carcinogenesis studies of 4-vinylcyclohexene, a colorless liquid which is a dimer of 1,3-butadiene (Reference Technical Report No. 288). It is used as an intermediate in the production of 4-epoxyethyl-1,2-epoxycyclohexane, which is used as a reactive diluent in the manufacture of epoxy resins. 4-vinylcyclohexene is also present in gases discharged during the production of synthetic rubber, especially as a result of the process of curing rubber in tire manufacturing.

Toxicology and carcinogenesis studies of 4-vinylcyclohexene were conducted by administering the chemical in corn oil by gavage 5 days per week at doses of 0, 200, or 400 mg/kg body weight to groups of 50 F344/N rats and 50 B6C3F<sub>1</sub> mice of each sex for 103 weeks.

Under these conditions, the two-year studies of 4-vinylcyclohexene in male and female rats and male mice were considered inadequate studies of carcinogenicity<sup>1</sup> because of extensive and early mortality at the high dose or at both doses and the lack of conclusive evidence of a carcinogenic effect. There was clear evidence of carcinogenicity of 4-vinylcyclohexene for female mice, as shown by markedly increased incidences of uncommon ovarian neoplasms at both doses. In addition, the increased incidence of adrenal gland adenomas in high dose female mice may have been related to the administration of 4-vinylcyclohexene.

Copies of *Toxicology and Carcinogenesis Studies of 4-Vinylcyclohexene in F344/N Rats and B6C3F<sub>1</sub> Mice (Gavage Studies)* (TR 303) are available without charge from the NTP Public Information Office, MD B2-04, P.O. Box 12233, Research Triangle

<sup>1</sup> The NTP uses five categories of evidence of carcinogenicity to summarize the strength of the evidence observed in each animal study: two categories for positive results ("clear evidence" and "some evidence"), one category for uncertain findings ("equivocal evidence"), one category for no observable effect ("no evidence"), and one category for studies that cannot be evaluated because of major flaws ("inadequate study").

Park, NC 27709. Telephone: (919) 541-3991. FTS: 629-3991.

Dated: December 2, 1986.  
David P. Rall,  
Director.  
[FR Doc. 86-27528 Filed 12-5-86; 8:45 am]  
BILLING CODE 4140-01-M

**DEPARTMENT OF THE INTERIOR**

**Office of the Secretary**

**Outer Continental Shelf Advisory Board; Renewal**

This notice is published in accordance with section 9(a)(2) of the Federal Advisory Committee Act (5 U.S.C. Appendix). Following consultation with the General Services Administration, notice is hereby given that the Secretary of the Interior is renewing the Outer Continental Shelf (OCS) Advisory Board.

The purpose of the OCS Advisory Board is to provide advice to the Secretary of the Interior and other officers of the Department of the Interior in the performance of discretionary functions of the OCS Lands Act, as amended (43 U.S.C. 1331 et seq.), including all aspects of leasing, exploration, development, and protection of the resources of the OCS.

Further information regarding the Committee may be obtained from the Associate Director for Offshore Minerals Management, Department of the Interior, 18th and C Sts. NW., Washington, DC 20240.

The certification of renewal is published below.

**Certification**

I hereby certify that the renewal of the Outer Continental Shelf Advisory Board is in the public interest in connection with the performance of duties imposed on the Department of the Interior by 16 U.S.C. 1a-2(c) and 16 U.S.C. 431.

Dated: November 24, 1986.  
Donald Paul Hodel,  
Secretary of the Interior.  
[FR Doc. 86-27474 Filed 12-5-86; 8:45 am]  
BILLING CODE 4310-MR-M

**Bureau of Land Management**

[NV-943-07-4212-22]

**Nevada; Survey Plat Filings**

**AGENCY:** Bureau of Land Management, Interior.

**ACTION:** Notice of filing of plats of survey.



**SUMMARY:** The purpose of this notice is to inform the public and interested State and local government officials of the latest filing of Plats of Survey in Nevada.

**DATES:** Filings were effective at 10 a.m., on November 19, 1986.

**FOR FURTHER INFORMATION CONTACT:** Lancel Bland, Chief, Branch of Cadastral Survey, Nevada State Office, Bureau of Land Management, 850 Harvard Way, P.O. Box 12000, Reno, Nevada 89520, (702) 784-5484.

**SUPPLEMENTARY INFORMATION:** The Plats of Survey of lands described below were officially filed at the Nevada State Office, Reno, Nevada.

Mount Diablo Meridian, Nevada

T. 39 N., R. 43 E.—Supplemental Plats (2)

These surveys were executed to meet certain administrative needs of this Bureau.

Dated: November 28, 1986.

Robert G. Steele,

Deputy State Director, Operations.

[FR Doc. 86-27473 Filed 12-5-86; 8:45 am]

BILLING CODE 4310-HC-M

#### Motor Vehicle Use Restriction; Idaho

**AGENCY:** Bureau of Land Management, Interior.

**ACTION:** Restricted vehicle use; closure order.

**SUMMARY:** Notice is hereby given in accordance with Title 43 CFR Group 8000—Recreation Programs, and in accordance with the principles established by the National Environmental Policy Act of 1969 and the Federal Land Policy and Management Act of 1976, that certain lands located in the Juniper Mountain Sand Dunes area of Fremont and Jefferson County, Idaho, are closed to all motorized vehicles between Dec. 1 and March 31 of each year.

Extensive studies by the Bureau of Land Management and the Idaho Department of Fish and Game have determined that the area included in this notice is a major wintering area for elk, moose, deer, sage grouse and sharp-tail grouse. The presence of motorized vehicles within this wildlife winter range has been found to have a definite adverse effect on this wildlife resource.

Closure to motorized vehicles in this area was first put in effect on Nov. 24, 1976 (FR Vol. 41, No. 236—Tuesday, Dec. 7, 1976). That closure was effective between December 15 and March 15 of each year and applied to about 18,700 acres of public land administered by BLM. Following more detailed studies

and completion of a Resource Management Plan (RMP) in 1985, the effective time period needed for adequate protection of wildlife habitat is Dec. 1 to Mar. 31 of each year. The RMP designated the Nine Mile Knoll Area of Critical Environmental Concern, which includes about 31,000 acres of public land administered by BLM.

This motor vehicle closure order applies to about 25,880 acres of public land west of St. Anthony, Idaho in and around the area known as the Juniper Mountain Sand Dunes. The legal description of this area is:

#### Boise Meridian

T. 7 N., R. 37 E.,

Sec. 1: E½, SE¼SW¼;

Sec. 12: E½E½, NW¼NE¼;

T. 7 N., R. 38 E.,

Secs. 1 to 5, inclusive,

Sec. 6: S½;

Secs. 7 to 15 inclusive;

Sec. 17; all

Sec. 18: E½, NW¼, E½SW¼;

T. 7 N., R. 39 E.,

Secs. 6 and 7; All

Sec. 18: NW¼NE¼, NW¼, W½SW¼;

T. 8 N., R. 38 E.,

Sec. 12: SE¼;

Sec. 13: E½;

Sec. 23: E½, SW¼;

Secs. 24 to 26, inclusive;

Sec. 27: E½, SW¼;

Sec. 28: E½SE¼;

Sec. 31: S½SE¼;

Sec. 32: SW¼;

Sec. 33: E½, S½NW¼, SW¼;

Sec. 34 and 35; all.

T. 8 N., R. 39 E.,

Sec. 3: NW¼, W½SW¼;

Sec. 4 to 6 inclusive;

Sec. 7: N½, SE¼SW¼, S½SE¼;

Sec. 8: NE¼, W½, W½SE¼, NE¼SE¼;

Sec. 9: NW¼NE¼, N½NW¼;

Sec. 17: N½NW¼, SW¼NW¼;

Sec. 18: NE¼, NE¼NW¼, S½;

Sec. 19: all.

Sec. 20: NW¼NW¼, W½SW¼,

SE¼SW¼;

Sec. 26: N½, SW¼;

Sec. 27: NE¼, E½NW¼, SW¼;

Sec. 28: SW¼NW¼, S½;

Sec. 29: S½NE¼, W½, W½SE¼;

Secs. 30 and 31; all.

The official map of the above described area is on file at the Bureau of Land Management District Office, 940 Lincoln Rd., Idaho Falls, ID. Copies of the map have been made available locally.

**EFFECTIVE DATE:** This closure order shall be effective from December 1 to March 31 of each year.

**FOR FURTHER INFORMATION CONTACT:** Lloyd H. Ferguson, District Manager, Bureau of Land Management, 940 Lincoln Road, Idaho Falls, Idaho 83401, (208) 529-1020.

Dated: December 1, 1986.

Lloyd H. Ferguson,

District Manager.

[FR Doc. 86-27536 Filed 12-5-86; 8:45 am]

BILLING CODE 4310-GG-M

#### Fish and Wildlife Service

##### Issuance of Permit for Marine Mammals

On September 25, 1986, a notice was published in the *Federal Register* (Vol 51) that an application had been filed with the Fish and Wildlife Service by Dr. Robert Brownell, U.S. Fish and Wildlife Service, San Simeon, CA, (PRT-710118) for a permit to capture up to 35 California sea otters, 30 of which would be surgically implanted with radio transmitters and monitored.

Notice is hereby given that on November 25, 1986, as authorized by the Marine Mammal Protection Act of 1972 (16 U.S.C. 1361-1407), and the Endangered Species Act of 1972 (16 U.S.C. 1539), the Fish and Wildlife Service issued a permit subject to certain conditions set forth therein.

The permit is available for public inspection during normal business hours at the Fish and Wildlife Service's Office in Room 805, 1000 North Glebe Road, Arlington, Virginia 22201.

Dated: December 3, 1986.

Earl B. Baysinger,

Chief, Federal Wildlife Permit Office.

[FR Doc. 86-27538 Filed 12-5-86; 8:45 am]

BILLING CODE 4310-55-M

#### Minerals Management Service

##### Royalty-In-Kind (RIK) Program

**AGENCY:** Minerals Management Service (MMS), Interior.

**ACTION:** Notice of determination of unavailability of oil to independent refiners and declaration of intent to sell government royalty oil.

**SUMMARY:** Pursuant to the provisions of the Minerals Leasing Act of 1920, as amended (30 U.S.C. 192), and Part 208 of Title 30 of the Code of Federal Regulations (30 CFR Part 208), the Secretary of the Interior (Secretary) has determined that sufficient supplies of crude oil at equitable prices are not available in the open market to refiners in the north-central region of the United States that do not have their own sources of supply for crude oil. This region consists of the States of Colorado, Montana, North Dakota, Utah, and Wyoming.



Accordingly, the Secretary has elected to take royalty oil in kind from certain Federal leases in that region and offer such oil for sale to eligible refiners. However, certain Federal leases located in southern Utah will be excluded from this sale offering.

Participation in the sale will be limited to independent refiners (hereinafter referred to as "eligible refiners") as that term is defined in section 3.3 of the Emergency Petroleum Allocation Act of 1973. (15 U.S.C. 751, et seq.) Further, at the discretion of the Secretary, preference in allocation of the royalty oil to be offered for sale will be given to those eligible refiners that operate refineries in the States of Colorado, Montana, North Dakota, Utah, and Wyoming.

In view of this determination by the Secretary, the Minerals Management Service (MMS) has published a Notice in the *Federal Register*, on the same date as this Notice, that it will conduct a sale on January 30, 1987, of approximately 20,000 barrels per day of royalty oil from selected Federal leases in the north-central region under the Government's Royalty-In-Kind (RIK) Program.

**FOR FURTHER INFORMATION CONTACT:** Jim McNamee, Chief, Royalty-In-Kind Section, Payor Accounting Branch, Minerals Management Service, MS 652, P.O. Box 5760, Denver, Colorado 80217, (303) 231-3605.

#### **SUPPLEMENTARY INFORMATION:**

Regulations governing the disposal of onshore Government royalty oil are found in 30 CFR Part 208. Those regulations and the Act of July 13, 1946 (60 Stat. 533), authorize the Secretary, at his or her discretion, to grant a preference in the allocation of royalty oil to certain eligible refiners when a determination has been made that such refiners do not have access to adequate supplies of crude oil.

The determination of unavailability is based on the following facts: 1. Independent refiners located in the north-central region have indicated to MMS that they are experiencing difficulties obtaining long-term contracts for supplies of crude oil at equitable prices. These refiners do not have substantial production of their own and do not have access to most foreign supplies of oil because of their location. The inability to enter into long-term contracts has, therefore, caused these refiners to either cut back refining operations or resort to buying crude oil stocks on the open market at prices that make it difficult for them to remain competitive in the refined products marketplace.

2. Production of crude oil in the region declined in 1986 largely because of depressed crude oil prices. This has reduced the availability of crude oil to independent refiners. Indications are that the decline will continue at least until economic conditions improve, thereby severely limiting these refiners' access to crude oil supplies.

3. Exploration and drilling activities in the region have declined dramatically in the past year. This will affect future supplies of crude oil, thereby compounding the independent refiners' supply problems.

Dated: November 26, 1986.

James E. Cason,

*Acting Assistant Secretary of the Interior.*

[FR Doc. 86-27470 Filed 12-5-86; 8:45 am]

BILLING CODE 4310-MR-M

### **Royalty-In-Kind (RIK) Program**

**AGENCY:** Minerals Management Service (MMS), Interior.

**ACTION:** Notice of sale offering of royalty oil available from Federal onshore leases.

**SUMMARY:** Pursuant to the provisions of the Minerals Leasing Act of 1920, as amended (30 U.S.C. 192), and Part 208 of Title 30 of the Code of Federal Regulations (30 CFR Part 208), the Secretary of the Interior (Secretary) has determined that sufficient supplies of crude oil at equitable prices are not available in the open market to refiners in the north-central region of the United States that do not have their own sources of supply for crude oil. Accordingly, the Secretary has elected to take royalty oil in kind from certain Federal leases in that region and offer such oil for sale to eligible refiners.

Therefore, the Minerals Management Service (MMS) is giving notice that it will conduct a sale on January 30, 1987, of royalty oil from the north-central region under the Government's Royalty-In-Kind (RIK) Program. The sale offering will include approximately 20,000 barrels per day of royalty oil. This Notice also provides procedures which must be followed by applicants to permit MMS to determine the applicants' eligibility to participate in the sale and general terms under which the contracts will be awarded.

**DATE:** Completed applications must be received by the close of business on January 9, 1987. Except for good cause shown, applications received after January 9, 1987, will be rejected.

**ADDRESSES:** Application forms may be obtained from the Minerals Management Service, Payor Accounting

Branch, MS 652, P.O. Box 5760, Denver, Colorado 80217. Completed applications should be returned to the same address. The sale will be held on January 30, 1987, at the Denver Federal Center, Building 25, Room B1902, Lakewood, Colorado, and will commence at 9:00 a.m. local time.

**FOR FURTHER INFORMATION CONTACT:** Jim McNamee, Chief, Royalty-In-Kind Section, at the above address, (303) 231-3605.

#### **SUPPLEMENTARY INFORMATION:**

##### **Sale Offering**

Approximately 20,000 barrels per day of royalty oil from selected Federal leases within the boundaries of the States of Colorado, Montana, North Dakota, Utah, and Wyoming will be offered for sale to qualified applicants. However, certain Federal leases located in southern Utah will be excluded from this sale offering. The MMS is holding the sale as early as is consistent with giving adequate notice and information to applicants. An information package will be provided to each applicant that has filed a timely application with MMS. This package will contain such pertinent data as: (1) Sale arrangements and procedures; (2) the lease locations and approximate quantity and quality of royalty oil to be offered from each lease; (3) a statement on the contract award processes and billing procedures; and (4) a copy of the Federal royalty oil contract.

##### **Eligibility Requirements**

For purposes of this sale "eligible refiners" will be those refiners that meet the criteria for "independent" refiners as that term is defined in section 3.3 of the Emergency Petroleum Allocation Act of 1973 (15 U.S.C. 751, et seq.).

Applications will not be accepted from applicants whose refineries are not currently operating, unless the applicant certifies that it intends to start or resume operations beginning with the first month of the contract. In addition, MMS will disallow multiple applications from two or more related refiners. Such refiners will be limited to one allotment in the allocation of royalty oil.

An otherwise eligible refiner will not be permitted to participate in the sale if, at the time of the sale, that refiner is in arrears on payments owed (including interest or administrative charges) under a previously awarded royalty oil contract.

Applicants for royalty oil will be required to furnish a letter of Intent from a financial institution specifying that a surety bond or an irrevocable letter of credit will be provided on behalf of the



purchaser. The Letter of Intent must be submitted with the application. Financial institutions that propose to furnish bonds must be listed in the Department of the Treasury's Circular 570. Those institutions that propose to furnish letters of credit must be chartered in the United States and must be acceptable to MMS.

#### Application Procedures

Applications must be filed in triplicate on Form MMS-4070, "Application for the Purchase of Royalty Oil" which may be obtained from MMS at the above address. The application must be filed timely and must be complete. Improperly completed or late applications will be rejected. The MMS will also screen all applications and will reject any application from a refiner that does not meet eligibility criteria established in this Notice.

Applicants are advised that Pub. L. 96-451 provides civil and criminal penalties for false or inaccurate reporting. Applicants are also cautioned to provide adequate detail on each item in the application to preclude rejection of the application from further consideration. Accordingly, any questions concerning the application should be directed to MMS at the above address.

#### Sale Procedures

Preference in selection of royalty oil will be granted to eligible applicants with refineries located within the States of Colorado, Montana, North Dakota, Utah, and Wyoming. Applicants with refineries located in these States will be considered "preference eligible applicants" for royalty oil allocation purposes at the sale. If the available royalty oil is insufficient to satisfy the requirements of all eligible refineries that have made application, or if two or more eligible refineries request the same royalty oil, the oil will be prorated among all eligible applicants and two lotteries will be held to determine the order of selection of available oil. The first lottery will be limited to preference eligible applicants, as defined above. After the preference eligible applicants' needs have been satisfied, a second lottery will be held for all other eligible refineries. The volume of Federal royalty oil that will be allocated to a refiner cannot exceed 60 percent of the combined refinery capacity of that refiner.

In the event an applicant that has participated in the allocation process does not execute its contract, or in the

event substantial quantities of royalty oil sold in this sale are subsequently turned back to MMS, MMS may reallocate such oil. However, only those refineries that hold ongoing contracts from this sale will be allowed to participate in any reallocation, and then only if they continue to meet eligibility requirements as set forth in this Notice and 30 CFR Part 208.

Additional information on the allocation and reallocation procedures will be provided upon request prior to and at the time of the sale.

#### Contract Terms

The sale will be conducted pursuant to the provisions of 30 CFR 208. However, MMS is currently in the process of revising this regulation. The proposed new 30 CFR Part 208 will be published for comment in the *Federal Register* in the near future.

The resultant royalty oil contracts will be effective May 1, 1987, and will have 24-month terms with expiration dates of May 1, 1989. The MMS anticipates that subsequent sale offerings from the north central region, if deemed necessary, will be for contracts with 3-year terms.

Successful applicants who are awarded royalty oil contracts must process that royalty oil, or oil obtained in exchange for the royalty oil, in their refineries and may not resell it. If a refiner exchanges royalty oil for other crude oil to process in its refinery, it must provide full information thereto, including two copies of the exchange agreement, by May 1, 1987. If the exchange agreement is entered into subsequent to May 1, 1987, the refiner must provide such information within 30 days of the effective date of the agreement.

Contracts awarded in this sale will contain a provision for the payment of administrative fees to MMS. These fees will be assessed for the purpose of recovering identifiable costs incurred by MMS for administering the RIK Program. The fees will consist of an up-front nonrefundable contract fee and a monthly variable charge based on the number of leases under contract. The contract fee will be \$20,000 per contract, payable in two \$10,000 installments due at the end of the first and second months of the contract. The contract fee will be applied against costs incurred by MMS to administer the program. The remainder of the costs incurred by MMS will be recovered through a monthly variable charge per lease. The rate per lease will be determined by dividing the remaining

balance of administrative costs by the total number of leases under contract. The rate could change depending upon whether total administrative costs changed and/or whether the number of leases from which royalty oil is taken in kind changed from one month to another. In instances where production from a lease is sold on a percentage basis to two or more refineries, each percentage portion of the lease will be considered a separate lease for purposes of administrative fee assessments.

#### Surety Requirements

A surety must be furnished to MMS at the above address prior to execution of a contract. If an approved surety is not provided by March 13, 1987, the contract will not be executed with the May 1, 1987, effective date. All sureties must be in a form acceptable to MMS and must include any specific requirements that MMS may require to adequately protect the Government's interests. The surety must be in an amount equal to (including administrative charges) the estimated value of royalty oil, which could be taken by the purchaser in a 99-day period. The MMS will be able to increase the surety requirement if necessary. The MMS also could decrease the amount of the surety, if warranted by significant historical data and requested by the refiner, provided that the interests of the Federal Government would be protected.

If the refiner provides a bond as the surety, it must be effective for the entire term of the contract. If the refiner furnishes a letter of credit as the surety, it must be effective for a 9-month period beginning the first day the royalty oil contract is effective, with a clause providing for automatic renewal monthly for a new 9-month period. The purchaser or its surety company may elect not to renew the letter of credit at any monthly anniversary date, but must notify MMS of the intent to not renew at least 30 days prior to the anniversary date. The MMS may grant the purchaser 45 days to obtain a new surety.

If no replacement surety is provided, MMS will terminate the contract effective at least 6 months prior to the expiration date of the letter of credit.

Dated: November 28, 1986.

William D. Bettenberg,

Director, Minerals Management Service.  
[FR Doc. 86-27471 Filed 12-5-86; 8:45 am]

BILLING CODE 4310-MR-M



## INTERNATIONAL TRADE COMMISSION

[Investigations Nos 731-TA-367-370 (Preliminary)]

### Color Picture Tubes From Canada, Japan, the Republic of Korea, and Singapore

**AGENCY:** United States International Trade Commission.

**ACTION:** Institution of preliminary antidumping investigations and scheduling of a conference to be held in connection with the investigations.

**SUMMARY:** The Commission hereby gives notice of the institution of preliminary antidumping investigations Nos. 731-TA-367-370 (Preliminary) under section 733(a) of the Tariff Act of 1930 (19 U.S.C. 1673b(a)) to determine whether there is a reasonable indication that an industry in the United States is materially injured, or is threatened with material injury, or the establishment of an industry in the United States is materially retarded, by reason of imports from Canada, Japan, the Republic of Korea, and Singapore of color picture tubes provided for in items 687.35 and 684.96 of the Tariff Schedules of the United States,<sup>1</sup> which are alleged to be sold in the United States at less than fair value. As provided in section 733(a), the Commission must complete preliminary antidumping investigations in 45 days, or in this case by January 12, 1987.

For further information concerning the conduct of these investigations and rules of general application, consult the Commission's Rules of Practice and Procedure, Part 207, Subparts A and B (19 CFR part 207), and Part 201, Subparts A through E (19 CFR part 201).

**EFFECTIVE DATE:** November 26, 1986.

**FOR FURTHER INFORMATION CONTACT:** Maria Papadakis (202-523-0439), Office of Investigations, U.S. International Trade Commission, 701 E Street NW., Washington, DC 20436. Hearing-impaired individuals are advised that information on this matter can be obtained by contacting the Commission's TDD terminal on 202-724-0002.

<sup>1</sup> For purposes of these investigations, color picture tubes are defined as cathode ray tubes suitable for use in the manufacture of color television receivers or other color entertainment display devices intended for television viewing. Color picture tubes may be imported separately or as a part of a color television receiver kit which contains all parts necessary for assembly into complete television receivers, or as a part of an incomplete television receiver that has a picture tube as well as additional components.

## SUPPLEMENTARY INFORMATION:

### Background

These investigations are being instituted in response to a petition filed on November 26, 1986, by the International Association of Machinists and Aerospace Workers; the International Brotherhood of Electrical Workers; the International Union of Electronic, Electrical, Technical, Salaried & Machine Workers, AFL-CIO-CLC; the United Steelworkers of America, AFL-CIO; and the Industrial Union Department, AFL-CIO, all of Washington, DC. Collectively, these labor unions represent employees of four of the five U.S. producers of color picture tubes.

### Participation in the Investigations

Person wishing to participate in these investigations as parties must file an entry of appearance with the Secretary to the Commission, as provided in § 201.11 of the Commission's rules (19 CFR 201.11), not later than seven (7) days after publication of this notice in the *Federal Register*. Any entry of appearance filed after this date will be referred to the Chairman, who will determine whether to accept the late entry for good cause shown by the person desiring to file the entry.

### Service List

Pursuant to § 201.11(d) of the Commission's rules (19 CFR 201.11(d)), the Secretary will prepare a service list containing the names and addresses of all persons, or their representatives, who are parties to these investigations upon the expiration of the period for filing entries of appearance. In accordance with §§ 201.16(c) and 207.3 of the rules (19 CFR 201.16(c) and 207.3), each document filed by a party to the investigations must be served on all other parties to the investigations (as identified by the service list), and a certificate of service must accompany the document. The Secretary will not accept a document for filing without a certificate of service.

### Conference

The Director of Operations of the Commission has scheduled a conference in connection with these investigations for 9:30 a.m. on December 17, 1986, at the U.S. International Trade Commission Building, 701 E. Street NW., Washington, DC. Parties wishing to participate in the conference should contact Maria Papadakis (202-523-0439) not later than December 15, 1986, to arrange for their appearance. Parties in support of the imposition of antidumping duties in these investigations and parties in opposition to the imposition of

such duties will each be collectively allocated one hour within which to make an oral presentation at the conference.

### Written Submissions

Any person may submit to the Commission on or before December 19, 1986, a written statement of information pertinent to the subject of the investigations, as provided in § 207.15 of the Commission's rules (19 CFR 207.15). A signed original and fourteen (14) copies of each submission must be filed with the Secretary to the Commission in accordance with § 201.8 of the rules (19 CFR 201.8). All written submissions except for confidential business data will be available for public inspection during regular business hours (8:45 a.m. to 5:15 p.m.) in the Office of the Secretary to the Commission.

Any business information for which confidential treatment is desired must be submitted separately. The envelope and all pages of such submissions must be clearly labeled "Confidential Business Information." Confidential submissions and requests for confidential treatment must conform with the requirements of § 201.6 of the Commission's rules (19 CFR 201.6).

**Authority:** These investigations are being conducted under authority of the Tariff Act of 1930, title VII. This notice is published pursuant to § 207.12 of the Commission's rules (19 CFR 207.12).

By order of the Commission.

Issued: December 3, 1986.

Kenneth R. Mason,

Secretary.

[FR Doc. 86-27543 Filed 12-5-86; 8:45 am]

BILLING CODE 7020-02-M

## INTERSTATE COMMERCE COMMISSION

[Docket No. AB-18 (Sub-No. 89X)]

### The Chesapeake and Ohio Railway Company; Exemption; Discontinuance of Trackage Rights in Saginaw County, MI

**AGENCY:** Interstate Commerce Commission.

**ACTION:** Notice of exemption.

**SUMMARY:** The Commission exempts from prior approval under 49 U.S.C. 10903, *et seq.*, the discontinuance of trackage rights by The Chesapeake and Ohio Railway Company over the Grand Trunk Western Railroad Company's track, a distance of approximately 0.70 miles, in Saginaw, Saginaw County, MI, subject to standard labor protection conditions.



**DATES:** This exemption is effective on January 7, 1987. Petitions to stay must be filed by December 23, 1986, and petitions for reconsideration must be filed by January 2, 1987.

**ADDRESSES:** Send pleadings referring to Docket No. AB-18 (Sub-No. 89X) to:

- (1) Office of the Secretary, Case Control Branch, Interstate Commerce Commission, Washington, DC 20423
- (2) Petitioner's representative: Lawrence H. Richmond, 100 North Charles Street, Baltimore, MD 21201

**FOR FURTHER INFORMATION CONTACT:** Joseph H. Dettmar, (202) 275-7245.

**SUPPLEMENTARY INFORMATION:**

Additional information is contained in the Commission's decision. To purchase a copy of the full decision, write to T.S. InfoSystems, Inc., Room 2229, Interstate Commerce Commission Building, Washington, DC 20423, or call 289-4357 (DC Metropolitan area), or toll-free (800) 424-5403.

Decided: December 1, 1986.

By the Commission, Chairman Gradison, Vice Chairman Simmons, Commissioners Sterrett, Andre, and Lamboley.

Noreta R. McGee,

Secretary.

[FR Doc. 86-27419 Filed 12-5-86; 8:45 am]

BILLING CODE 7035-01-M

[Volume No. OP3MCF-610]

**Motor Carrier Finance Applications; Decision Notice**

The following applications seek approval to consolidate, purchase, merge, lease operating rights and properties, or acquire control of motor carriers pursuant to 49 U.S.C. 11343 or 11344. Also, applications directly related to these motor finance applications (such as conversions, gateway eliminations, and securities issuances) may be involved.

The applications are governed by 49 CFR 1182.1 of the Commission's Rules of Practice. See Ex Parte 55 (Sub-No. 44), *Rules Governing Applications Filed By Motor Carriers Under 49 U.S.C. sections 11344 and 11349*, 363 I.C.C. 740 (1981). These rules provide among other things, that opposition to the granting of an application must be filed with the Commission in the form or verified statements within 45 days after the date of notice of filing of the application is published in the *Federal Register*. Failure seasonably to oppose will be construed as a waiver of opposition and participation in the proceeding. If the protest includes a request for oral hearing, the request shall meet the requirements of Rule 242 of the special

rules and shall include the certification required.

Persons wishing to oppose an application must follow the rules under 49 CFR 1182.2. A copy of any application, together with applicant's supporting evidence, can be obtained from any applicant upon request and payment to applicant of \$10.00, in accordance with 49 CFR 1182.2 (d).

*Amendments to the request for authority will not be accepted after the date of this publication.* However, the Commission may modify the operating authority involved in the application to conform to the Commission's policy of simplifying grants of operating authority.

*We find*, with the exception of those applications involving impediments (e.g., jurisdictional problems, unresolved fitness questions, questions involving possible unlawful control, or improper divisions of operating rights) that each applicant has demonstrated, in accordance with the applicable provisions of 49 U.S.C. 11301, 11302, 11343, 11344, and 11349, and with the Commission's rules and regulations, that the proposed transaction should be authorized as stated below. Except where specifically noted this decision is neither a major Federal action significantly affecting the quality of the human environment nor does it appear to qualify as a major regulatory action under the Energy Policy and Conservation Act of 1975.

In the absence of legally sufficient protests as to the finance application or to any application directly related thereto filed within 45 days of publication (or, if the application later becomes unopposed), appropriate authority will be issued to each applicant (unless the application involves impediments) upon compliance with certain requirements which will be set forth in a notification of effectiveness of this decision-notice. To the extent that the authority sought below may duplicate an applicant's existing authority, the duplication shall not be construed as conferring more than a single operating right.

Applicant(s) must comply with all conditions set forth in the grant or grants of authority within the time period specified in the notice of effectiveness of this decision-notice, or the application of a non-complying applicant shall stand denied.

MC-F-17951, filed November 7, 1986. The Greyhound Corporation (Greyhound) (111 W. Clarendon Ave., Phoenix, AZ 85077)—continuance in control—

Greyhound Travel Services, Inc. (GTS) (4900 University Ave., #290E, West Des Moines, IA 50215).

Representative: Robert D. Rierson, 1742 Greyhound Tower, Phoenix, AZ 85077. Non-carrier Greyhound and, in turn, its wholly-owned non-carrier subsidiary, Greyhound Lines, Inc. (Lines) seek authority for their continuance in control of GTS upon the latter's institution of operations as a motor carrier of passengers, in charter and special operations, between points in the United States (except Hawaii) pursuant to the initial authority it seeks in No. MC-195605.

Greyhound is a publicly held corporation which has 98 percent control of Texas, New Mexico, & Oklahoma Coaches, Inc. (MC-61120) (approved in No. MC-F-8343), and 100 percent control of Vermont Transit Company (MC-45626) (approved in No. MC-F-12432). Greyhound's control of non-carrier Lines was approved in No. (MC-F-8531. Lines, in turn, has 100 percent control of Central Greyhound Lines Co. (MC-194798), Southern Greyhound Lines Co. (MC-194551), Eastern Greyhound Lines Co. (MC-195057), and Western Greyhound Lines Co. (MC-194642), which was approved in No. MC-FC-82959. Lines also has 100 percent control of GTS, and accordingly, both Lines and its parent, Greyhound, will continue in control of GTS upon its institution of operations. Since both Greyhound and Lines are non-carriers in control of two or more carriers, their continuance in control of GTS is subject to our jurisdiction.

Decided: December 1, 1986.

By the Commission, Motor Carrier Board, Members Horne, Gagnon, and Guyton (Board Member Guyton not participating)

Noreta R. McGee,

Secretary.

[FR Doc. 86-27492 Filed 12-5-86; 8:45 am]

BILLING CODE 7035-01-M

**DEPARTMENT OF JUSTICE**

**Information Collection(s) Under Review**

December 3, 1986.

The Office of Management and Budget (OMB) has been sent for review the following proposals for the collection of information under the provisions of the Paperwork Reduction Act (44 U.S.C. Chapter 35) since the last list was published. Entries are grouped into submission categories. Each entry contains the following information: (1) The name and telephone number of the Agency Clearance Officer (from whom a copy of the form/supporting documents is available); (2) the office of the agency



issuing the form; (3) the title of the form; (4) the agency form number, if applicable; (5) how often the form must be filled out; (6) who will be required or asked to report; an estimate of the number of responses; (7) an estimate of the total number of respondents; (8) an estimate of the total number of hours needed to fill out the form; (9) an indication of whether Section 3504(h) of Public Law 96-511 applies; and, (10) the name and the telephone number of the person or office responsible for the OMB review. Copies of the proposed form(s) and the supporting documentation may be obtained from the Agency Clearance Officer whose name and telephone number appear under the agency name. Comments and questions regarding the item(s) contained in this list should be directed to the reviewer listed at the end of each entry and to the Agency Clearance Officer. If you anticipate commenting on a form but find that time to prepare will prevent you from submitting comments promptly, you should advise the reviewer and the Agency Clearance Officer of your intent as early as possible.

#### Department of Justice

Agency Clearance Officer: Larry E. Miesse 202/633-4312

#### New Collection

- (1) Larry E. Miesse, 202/633-4312
- (2) Immigration and Naturalization Service, Department of Justice
- (3) Immigration Reform and Control Act of 1986, Questionnaire to Solicit Public Input for INS Implementation Plans
- (4) G-868 (A, B, and C)
- (5) One-time
- (6) State or local governments, non-profit institutions, businesses and other for-profit. Questionnaire response will be used to structure the INS public information program on legalization, employer sanctions and the Special Worker Agricultural Worker programs.
- (7) 800 respondents
- (8) 475 burden hours
- (9) Not applicable under 3504(h)
- (10) Robert Veeder—395-4814

#### Extension of the Expiration Date of a Currently Approved Collection Without any Change in the Substance or in the Method of Collection

- (1) Larry E. Miesse, 202/633-4312
- (2) Immigration and Naturalization Service, Department of Justice
- (3) Immigration Bond
- (4) I-352A
- (5) On occasion
- (6) Individuals or households. Information used to determine

whether the alien for the bond has been furnished shall be admitted into the United States.

- (7) 9,900 respondents
- (8) 821 burden hours
- (9) Not applicable under 3504(h)
- (10) Robert Veeder—395-4814
- (1) Larry E. Miesse, 202/633-4312
- (2) Immigration and Naturalization Service, Department of Justice
- (3) Application for Clarification of Status by Members of the Texas Band of the Kickapoo Indians
- (4) N-610
- (5) On occasion
- (6) Individuals or households. Used as an application for benefits provided to members of the Kickapoo Indian Tribe by Pub. L. 97-429.
- (7) 3 respondents
- (8) 2 burden hours
- (9) Not applicable under 3504(h)
- (10) Robert Veeder—395-4814

Larry E. Miesse,

Agency Clearance Officer, Department of Justice.

[FR Doc. 86-27466 Filed 12-5-86; 8:45 am]

BILLING CODE 4410-10-M

#### Antitrust Division

#### Microelectronics and Computer Technology Corp.; National Cooperative Research Notification

Notice is hereby given that, pursuant to section 6(a) of the National Cooperative Research Act of 1984, Pub. L. 98-462 (the "Act"), Microelectronics and Computer Technology Corporation ("MCC") has filed an additional written notification simultaneously with the Attorney General and the Federal Trade Commission on November 7, 1986 disclosing a change in the membership of MCC and a change of ownership of a present party to MCC. The additional written notification was filed for the purpose of extending the protections of section 4 of the Act limiting the recovery of antitrust plaintiffs to actual damages under specified circumstances. The notification identifying the original parties to the project, and describing the nature and objectives of that project, is published at 50 FR 2633 (January 17, 1985).

Prior to September 3, 1986, RCA Corporation ("RCA"), a subsidiary of General Electric Company ("GE"), was an MCC shareholder. On September 3, 1986, MCC's Board of Directors approved the transfer of RCA's share to GE. Accordingly, as of September 3, 1986, GE and each of its subsidiaries, including RCA, became parties to MCC.

On September 16, 1986, Sperry Corporation, a party to MCC, became a subsidiary of Burroughs Corporation.

Joseph H. Widmar,

Director of Operations, Antitrust Division.

[FR Doc. 86-27421 Filed 12-5-86; 8:45 am]

BILLING CODE 4410-01-M

#### DEPARTMENT OF LABOR

#### Employment and Training Administration

#### Job Training Partnership Act; Native American Programs; Proposed Total Allocations and Allocation Formulas for Program Year 1987 Regular Program and Calendar Year 1987 Summer Youth Employment and Training Program

AGENCY: Employment and Training Administration, Labor.

ACTION: Notice.

**SUMMARY:** The Employment and Training Administration of the Department of Labor is publishing the proposed Native American allocations, distribution formula and rationale, and individual grantee planning estimates for Program Year 1987 for regular programs funded under Title IV-A of the Job Training Partnership Act, and for Calendar Year 1987 for Summer Youth Employment and Training Programs funded under Title II-B of the Job Training Partnership Act.

**DATE:** Written comments on this proposal are invited and must be received on or before January 1, 1987.

**ADDRESS:** Send written comments to: Mr. Paul A. Mayrand, Director, Office of Special Targeted Programs, Employment and Training Administration, Room N-4644, 200 Constitution Avenue, NW., Washington, DC 20210.

**FOR FURTHER INFORMATION CONTACT:** Mr. Paul A. Mayrand. Telephone: 202-535-0515.

**SUPPLEMENTARY INFORMATION:** Pursuant to section 162 of the Job Training Partnership Act (JTPA), The Employment and Training Administration (ETA) of the Department of Labor (DOL) publishes below for review and comment the proposed allocations and distribution formula for areas to be served by Native American grantees to be funded under JTPA Title IV, section 401, and Title II, Part B, for the Summer Youth Employment and Training Program (SYEP). The amounts to be distributed are \$61,484,000 for Title IV, section 401, for Program Year (PY) 1987 (July 1, 1987-June 30, 1988); and



\$11,565,739 for Title II, Part B, for the summer of Calendar Year 1987. The planning estimates should be considered as applicable only to the areas served by the current grantees, and not to the incumbent grantees, since some of the current grantees may not be designated to serve those areas in PY 1987. Designations of grantees will be announced by March 1, 1987.

The formula for allocating Title IV, Section 401 funds provides that 25 percent of the funding will be based on the number of unemployed Native Americans in the grantee's area, and 75 percent will be based on the number of poverty-level Native Americans in the grantee's area. The rationale for this

formula is that the poverty and unemployment levels in an area are indicative of the need for employment and training programs.

The formula for allocating SYEP funds divides the funds among eligible recipients based on the proportion that the number of Native American youths in a recipient's area bears to the total number of Native American youths in all eligible recipients' areas. At 49 FR 5199 (February 10, 1984), DOL stated its policy to include a hold-harmless factor in the allocation of SYEP funds so that no eligible grantee would receive less than 80 percent of the funds it had received the previous year. This policy was also applied to the SYEP for the

summers of 1985 and 1986. Commencing with the summer of 1987 that policy will no longer be applied, and funds will be allocated solely on the basis of the formula cited above.

Statistics on youths, unemployed and poverty-level Native Americans used in the above programs are derived from the Decennial Census of the Population, 1980.

Signed at Washington, DC, this 26th day of November 1986.

**Paul A. Mayrand,**  
*Director, Office of Special Targeted Programs.*

BILLING CODE 4510-30-M



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

PAGE 1

|                                                                                                                                                    | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                    | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| CREEK NATION EAST OF MISS. INC.<br>ROUTE 3, BOX 243A<br>ATMORE, ALABAMA<br>36502<br>GRANT NUMBER: 99-4-043-55-037-02                               | 400,679      | 320,543 | 80,136    | 0                          | 0       | 0         |
| ALEUTIAN/PRIKILOF ISLANDS ASSOC.<br>1689 C STREET<br>ANCHORAGE, ALASKA<br>99501<br>GRANT NUMBER: 99-4-0117-55-181-02                               | 47,783       | 33,230  | 9,553     | 31,117                     | 24,894  | 6,223     |
| ASSOC. OF VILLAGE COUNCIL PRESIDENTS<br>P.O. BOX 843<br>BETHEL, ALASKA<br>99559<br>GRANT NUMBER: 99-4-2713-55-033-02                               | 568,045      | 454,436 | 113,609   | 233,839                    | 187,071 | 46,768    |
| BRISTOL BAY NATIVE ASSOCIATION<br>P.O. BOX 189<br>DILLINGHAM, ALASKA<br>99576<br>GRANT NUMBER: 99-4-0116-55-039-02                                 | 140,813      | 112,650 | 28,163    | 71,004                     | 56,803  | 14,201    |
| CENTRAL COUNCIL OF TLINGIT AND HAIDA INDIAN TRIBES<br>320 W. WILLOUGHBY, SUITE 300<br>JUNEAU, ALASKA<br>99801<br>GRANT NUMBER: 99-4-0114-55-040-02 | 219,835      | 175,903 | 43,977    | 150,777                    | 120,622 | 30,155    |
| COOK INLET NATIVE ASSOCIATION<br>500 WEST 5TH AVENUE SUITE 300<br>ANCHORAGE, ALASKA<br>99503<br>GRANT NUMBER: 99-4-0113-55-041-02                  | 363,332      | 290,666 | 72,666    | 178,605                    | 142,884 | 35,721    |
| KAMERAK INCORPORATED<br>P.O. BOX 943<br>NOME, ALASKA<br>99762<br>GRANT NUMBER: 99-4-0123-55-181-02                                                 | 221,871      | 177,497 | 44,374    | 82,641                     | 66,113  | 16,528    |
| KENAITZE INDIAN TRIBE<br>P.O. BOX 933<br>KENAI, ALASKA<br>99611<br>GRANT NUMBER: 99-4-0069-55-043-02                                               | 31,841       | 25,473  | 6,368     | 16,950                     | 13,560  | 3,390     |
| KODIAK AREA NATIVE ASSOCIATION<br>402 CENTER AVENUE<br>KODIAK, ALASKA<br>99615<br>GRANT NUMBER: 99-4-0115-55-044-02                                | 64,155       | 51,324  | 12,831    | 30,021                     | 24,017  | 6,004     |
| MAUNELUK MANPOWER<br>P.O. BOX 725<br>KOTZEBUE, ALASKA<br>99752<br>GRANT NUMBER: 99-4-0124-55-045-02                                                | 174,104      | 139,263 | 34,821    | 79,605                     | 63,684  | 15,921    |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

|                                                                                                                                                         | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                         | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| METLAKATLA INDIAN COMMUNITY<br>P.O. BOX 8<br>METLAKATLA, ALASKA<br>99926<br>GRANT NUMBER: 99-4-0064-55-046-02                                           | 15,796       | 12,637  | 3,159     | 16,359                     | 13,087  | 3,272     |
| NORTH PACIFIC RIM<br>611 EAST 12TH - SUITE 102<br>ANCHORAGE, ALASKA<br>99501<br>GRANT NUMBER: 99-4-0118-55-182-02                                       | 57,942       | 46,354  | 11,588    | 23,443                     | 18,754  | 4,689     |
| TANANA CHIEFS CONFERENCE, INC.<br>201 FIRST AVENUE - DOYON BLDG.<br>FAIRBANKS, ALASKA<br>99701<br>GRANT NUMBER: 99-4-3109-55-184-02                     | 387,097      | 309,678 | 77,419    | 193,447                    | 154,753 | 38,689    |
| AFFILIATION OF ARIZONA IND. CNTRS. INC.<br>2721 NORTH CENTRAL AVE., SUITE 814<br>PHOENIX, ARIZONA<br>85004<br>GRANT NUMBER: 99-4-0268-55-047-02         | 256,050      | 204,840 | 51,210    | 0                          | 0       | 0         |
| AMERICAN INDIAN ASSOC. OF TUCSON<br>P.O. BOX 7246<br>TUCSON, ARIZONA<br>85725<br>GRANT NUMBER: 99-4-0492-55-048-02                                      | 334,117      | 267,294 | 66,823    | 0                          | 0       | 0         |
| COLORADO RIVER INDIAN TRIBES<br>ROUTE 1, BOX 23-B<br>PARKER, ARIZONA<br>85344<br>GRANT NUMBER: 99-4-0498-55-049-02                                      | 81,830       | 65,464  | 16,366    | 27,997                     | 22,398  | 5,599     |
| GILA RIVER INDIAN COMMUNITY<br>BOX 97<br>SACATON, ARIZONA<br>85247<br>GRANT NUMBER: 99-4-0054-55-185-02                                                 | 489,284      | 391,427 | 97,857    | 120,588                    | 96,470  | 24,118    |
| HOPÍ TRIBAL COUNCIL<br>BOX 123<br>KYKOTSHOVI, ARIZONA<br>86039<br>GRANT NUMBER: 99-4-0057-55-021-02                                                     | 383,410      | 306,728 | 76,682    | 95,964                     | 76,771  | 19,193    |
| INDIAN DEV. DIST. OF ARIZONA, INC.<br>1777 W. CAMELBACK ROAD, SUITE A-108<br>PHOENIX, ARIZONA<br>85015<br>GRANT NUMBER: 99-4-0053-55-301-02             | 111,815      | 89,452  | 22,363    | 39,128                     | 31,302  | 7,826     |
| NATIVE AMERICANS FOR COMMUNITY ACTION<br>15 NORTH SAN FRANCISCO STREET<br>P.O. BOX 572<br>FLASSTAFF, ARIZONA 86002<br>GRANT NUMBER: 99-4-1777-55-034-02 | 113,972      | 91,178  | 22,794    | 0                          | 0       | 0         |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION PAGE 3  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

|                                                                                                                                            | PY 1987 IV-A |           |           | PY 1986 II-B (SUMMER 1987) |           |           |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-----------|----------------------------|-----------|-----------|
|                                                                                                                                            | TOTAL        | PROGRAM   | COST POOL | TOTAL                      | PROGRAM   | COST POOL |
| NAVATO TRIBE OF INDIANS<br>P.O. BOX 1889<br>WINDOW ROCK, ARIZONA<br>86515<br>GRANT NUMBER: 99-4-0059-55-008-02                             | 6,795,203    | 5,436,166 | 1,359,042 | 2,116,108                  | 1,692,886 | 423,222   |
| PASQUA YAGUI TRIBE<br>7474 S. CAMINO DE OESTE<br>TUCSON, ARIZONA<br>85746<br>GRANT NUMBER: 99-4-3289-55-394-02                             | 38,418       | 30,734    | 7,684     | 8,348                      | 6,678     | 1,670     |
| PHOENIX INDIAN CENTER, INC.<br>1337 NORTH 1ST STREET<br>PHOENIX, ARIZONA<br>85004<br>GRANT NUMBER: 99-4-0195-55-234-02                     | 702,991      | 562,393   | 140,598   | 0                          | 0         | 0         |
| SALT RIVER PIMA-MARICOPA IND. COMM.<br>ROUTE 1, BOX 216<br>SCOTTSDALE, ARIZONA<br>85256<br>GRANT NUMBER: 99-4-0476-55-051-02               | 95,656       | 76,525    | 19,131    | 41,911                     | 33,529    | 8,382     |
| SAN CARLOS APACHE TRIBE<br>P.O. BOX 837<br>SAN CARLOS, ARIZONA<br>85550<br>GRANT NUMBER: 99-4-0173-55-011-02                               | 312,069      | 249,655   | 62,414    | 105,493                    | 84,394    | 21,099    |
| TOHONO O'ODHAM NATION<br>P.O. BOX 837<br>SELLS, ARIZONA<br>85634<br>GRANT NUMBER: 99-4-0181-55-050-02                                      | 426,483      | 341,186   | 85,297    | 114,095                    | 91,276    | 22,819    |
| WHITE MOUNTAIN APACHE TRIBE<br>P.O. BOX 700<br>WHITE RIVER, ARIZONA<br>85941<br>GRANT NUMBER: 99-4-0174-55-052-02                          | 331,447      | 265,158   | 66,289    | 118,311                    | 94,649    | 23,662    |
| AM. INDIAN CENTER OF ARKANSAS, INC.<br>309 STATE STREET<br>LITTLE ROCK, ARKANSAS<br>72201<br>GRANT NUMBER: 99-4-1778-55-019-02             | 464,253      | 371,402   | 92,851    | 0                          | 0         | 0         |
| CALIFORNIA INDIAN MANPOWER CSRT.<br>4441 ALBURN BOULEVARD, SUITE J<br>SACRAMENTO, CALIFORNIA<br>95841<br>GRANT NUMBER: 99-4-2058-55-186-02 | 2,751,430    | 2,201,144 | 550,286   | 96,555                     | 77,244    | 19,311    |
| CANDALARIA AMERICAN INDIAN COUNCIL<br>2635 WAGON WHEEL ROAD<br>OYARD, CALIFORNIA<br>93030<br>GRANT NUMBER: 99-4-0086-55-235-02             | 459,472      | 367,578   | 91,894    | 0                          | 0         | 0         |



|                                                                                                                                             | PY 1987 IV-A |           |          | PY 1988 II-B (SUMMER 1987) |         |           |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|----------|----------------------------|---------|-----------|
|                                                                                                                                             | TOTAL        | PROGRAM   | CGT POOL | TOTAL                      | PROGRAM | COST POOL |
| CSRT. OF UNITED INDIAN NATIONS<br>1404 FRANKLIN STREET, SUITE 202<br>OAKLAND, CALIFORNIA<br>94612<br>GRANT NUMBER: 99-4-2310-55-053-02      | 640,505      | 512,404   | 123,101  | 0                          | 0       | 0         |
| FRESNO AMERICAN INDIAN COUNCIL<br>20 NORTH DEWITT AVENUE - SUITE 10<br>CLOVIS, CALIFORNIA<br>93612<br>GRANT NUMBER: 99-4-0079-55-187-02     | 280,128      | 224,102   | 56,026   | 0                          | 0       | 0         |
| HOOPA VALLEY BUSINESS COUNCIL<br>P.O. BOX 815<br>HOOPA, CALIFORNIA<br>95546<br>GRANT NUMBER: 99-4-1142-55-054-02                            | 51,614       | 41,291    | 10,323   | 20,323                     | 16,258  | 4,065     |
| GRANTEE FOR LOS ANGELES COUNTY                                                                                                              | 1,666,982    | 1,333,586 | 333,396  | 0                          | 0       | 0         |
| INDIAN CENTER OF SAN JOSE, INC.<br>3485 EAST HILLS DRIVE<br>SAN JOSE, CALIFORNIA<br>95127<br>GRANT NUMBER: 99-4-0499-55-056-02              | 235,847      | 188,678   | 47,169   | 0                          | 0       | 0         |
| INDIAN HUMAN RESOURCES CENTER<br>4040 30TH STREET SUITE A<br>SAN DIEGO, CALIFORNIA<br>92104<br>GRANT NUMBER: 99-4-2441-55-395-02            | 449,812      | 359,850   | 89,962   | 0                          | 0       | 0         |
| NORTHERN CALIF. IND. DEV. COUNCIL, INC.<br>241 F STREET<br>EUREKA, CALIFORNIA<br>95501<br>GRANT NUMBER: 99-4-0686-55-057-02                 | 323,998      | 259,198   | 64,800   | 5,987                      | 4,790   | 1,197     |
| ORANGE COUNTY INDIAN CENTER, INC.<br>P.O. BOX 2550 - SUITE 1<br>GARDEN GROVE, CALIFORNIA<br>92642-2550<br>GRANT NUMBER: 99-4-0170-55-058-02 | 319,365      | 255,492   | 63,873   | 0                          | 0       | 0         |
| TULE RIVER TRIBE<br>DEPT. OF HEALTH, SAFETY & WELFARE<br>P.O. BOX 589<br>PORTERVILLE, CALIFORNIA 93257<br>GRANT NUMBER: 99-4-3219-55-188-02 | 133,266      | 106,613   | 26,653   | 3,795                      | 3,036   | 759       |
| YA-KA-AMA INDIAN EDUC. AND DEV., INC.<br>6215 EASTSIDE ROAD<br>HEALDSBURG, CALIFORNIA<br>95448<br>GRANT NUMBER: 99-4-0082-55-059-02         | 131,927      | 105,542   | 26,385   | 0                          | 0       | 0         |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
 OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
 PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
 11-05-1986

PAGE 5

|                                                                                                                                                                                                   | PY 1987 IV-A |           |           | PY 1986 II-B (SUMMER 1987) |           |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-----------|----------------------------|-----------|-----------|
|                                                                                                                                                                                                   | TOTAL        | PROGRAM   | COST POOL | TOTAL                      | PROGRAM   | COST POOL |
| DENVER INDIAN CENTER, INC.<br>4407 MORRISON ROAD<br>DENVER, COLORADO<br>80209<br>GRANT NUMBER: 99-4-0076-55-016-02                                                                                | 615,271      | 492,217   | 123,054   | 0                          | 0         | 0         |
| SOUTHERN UTE INDIAN TRIBE<br>P.O. BOX 800<br>IGNACIO, COLORADO<br>81137<br>GRANT NUMBER: 99-4-2714-55-060-02                                                                                      | 56,920       | 45,536    | 11,384    | 13,745                     | 10,996    | 2,749     |
| UTE MOUNTAIN UTE TRIBE<br>P.O. BOX 30<br>TOWADO, COLORADO<br>81334<br>GRANT NUMBER: 99-4-1143-55-061-02                                                                                           | 68,630       | 54,904    | 13,726    | 16,612                     | 13,290    | 3,322     |
| AMERICAN INDIANS FOR DEVELOPMENT, INC.<br>P.O. BOX 117<br>MERIDEN, CONNECTICUT<br>06450<br>GRANT NUMBER: 99-4-0361-55-001-02                                                                      | 191,621      | 153,297   | 38,324    | 0                          | 0         | 0         |
| DEPARTMENT OF LABOR - STATE OF DELAWARE<br>DIV. OF EMPLOYMENT AND TRAINING<br>STOCKTON BLDG. - P.O. BOX 9029 UNIVERSITY PLAZA<br>NEWARK, DELAWARE 19714-9029<br>GRANT NUMBER: 99-4-2715-55-062-02 | 39,577       | 31,662    | 7,915     | 0                          | 0         | 0         |
| FLA. GOVERNORS COUNCIL ON IND. AFFAIRS<br>521 E. COLLEGE AVENUE<br>TALLAHASSEE, FLORIDA<br>32301<br>GRANT NUMBER: 99-4-0692-55-063-02                                                             | 867,860      | 694,288   | 173,572   | 0                          | 0         | 0         |
| MICOSUKEE CORPORATION<br>P.O. BOX 440021, TAMiami STATION<br>MIAMI, FLORIDA<br>33144<br>GRANT NUMBER: 99-4-0052-55-064-02                                                                         | 121,898      | 97,518    | 24,380    | 35,755                     | 28,604    | 7,151     |
| SEMINOLE TRIBE OF FLORIDA<br>JTIPA DEPARTMENT<br>6073 SITTLINS ROAD<br>HOLLYWOOD, FLORIDA 33024<br>GRANT NUMBER: 99-4-0004-55-065-02                                                              | 68,653       | 54,922    | 13,731    | 6,999                      | 5,599     | 1,400     |
| GEORGIA DEPT. OF LABOR<br>ROOM 450<br>501 PULLIAN STREET SW<br>ATLANTA, GEORGIA 30312<br>GRANT NUMBER: 99-4-2717-55-066-02                                                                        | 347,773      | 278,218   | 69,555    | 0                          | 0         | 0         |
| ALU LIKE, INC.<br>401 KAWAHEE ST. - 3RD FLOOR<br>HONOLULU, HAWAII<br>96814<br>GRANT NUMBER: 99-4-1179-55-183-02                                                                                   | 2,528,482    | 2,022,736 | 505,696   | 1,856,212                  | 1,484,970 | 371,242   |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

PAGE 6

|                                                                                                                                                 | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                 | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| HAWAII COUNCIL OF AM. INDIAN NATIONS<br>810 NORTH VINEYARD BOULEVARD<br>HONOLULU, HAWAII<br>96817<br>GRANT NUMBER: 99-4-0640-55-190-02          | 89,151       | 71,321  | 17,830    | 0                          | 0       | 0         |
| KOOTENAI TRIBE OF INDIANS<br>P.O. BOX 1269<br>BUNNERSFERRY, IDAHO<br>83305<br>GRANT NUMBER: 99-5-3334-55-005-02                                 | 36,283       | 29,030  | 7,253     | 1,181                      | 945     | 236       |
| NEZ PERCE TRIBE<br>P.O. BOX 345<br>LAPWAL, IDAHO<br>83540-0305<br>GRANT NUMBER: 99-4-0065-55-067-02                                             | 79,014       | 63,211  | 15,803    | 11,047                     | 8,833   | 2,209     |
| SHOSHONE-BANNOCK TRIBES<br>FORT HALL INDIAN RESERVATIONS<br>P.O. BOX 306<br>FORT HALL, IDAHO 83303<br>GRANT NUMBER: 99-4-1780-55-068-02         | 244,583      | 195,670 | 48,918    | 35,839                     | 23,671  | 7,168     |
| AMERICAN INDIAN BUSINESS ASSOCIATION<br>4735 NORTH BROADWAY, SUITE 700<br>CHICAGO, ILLINOIS<br>60640<br>GRANT NUMBER: 99-4-0809-55-069-02       | 1,108,512    | 886,810 | 221,702   | 0                          | 0       | 0         |
| MID AMERICA ALL INDIAN CENTER, INC.<br>660 N. SENECA<br>WICHITA, KANSAS<br>67203<br>GRANT NUMBER: 99-4-0168-55-192-02                           | 165,235      | 132,228 | 33,057    | 0                          | 0       | 0         |
| UNITED TRIBES OF KANSAS AND S.E. NEB.<br>P.O. BOX 29<br>HORTON, KANSAS<br>66439<br>GRANT NUMBER: 99-4-0178-55-193-02                            | 507,449      | 405,959 | 101,490   | 9,782                      | 7,826   | 1,956     |
| INTER-TRIBAL COUNCIL OF LOUISIANA, INC.<br>5425 GALERIA DRIVE - SUITE A<br>BATON ROUGE, LOUISIANA<br>70816<br>GRANT NUMBER: 99-4-0026-55-232-02 | 458,034      | 366,427 | 91,607    | 4,891                      | 3,913   | 978       |
| CENTRAL MAINE INDIAN ASSOCIATION, INC.<br>352 HARLOW STREET<br>BANGOR, MAINE<br>04401<br>GRANT NUMBER: 99-4-2719-55-070-02                      | 93,275       | 74,620  | 18,655    | 0                          | 0       | 0         |
| TRIBAL GOVERNORS, INC.<br>93 MAIN STREET<br>ORONO, MAINE<br>04475<br>GRANT NUMBER: 99-4-0001-55-194-02                                          | 107,301      | 85,841  | 21,460    | 24,539                     | 19,631  | 4,908     |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
 OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
 PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
 11-05-1986

PAGE 7

|                                                                                                                                                              | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                              | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| MARYLAND INDIAN EMPLOYMENT CENTER<br>C/O NATIONAL URBAN INDIAN COUNCIL<br>2258 SOUTH BROADWAY<br>DENVER, COLORADO 80210<br>GRANT NUMBER: 99-5-3344-55-071-02 | 322,507      | 258,006 | 64,501    | 0                          | 0       | 0         |
| BOSTON INDIAN COUNCIL, INC.<br>105 S. HUNTINGTON AVENUE<br>JAMAICA PLAIN, MASSACHUSETTS<br>02130<br>GRANT NUMBER: 99-4-0434-55-072-02                        | 242,803      | 194,242 | 48,561    | 0                          | 0       | 0         |
| MASHPEE-WAMPANOAG INDIAN TRIBAL COUNCIL<br>P.O. BOX 1048<br>MASHPEE, MASSACHUSETTS<br>02649<br>GRANT NUMBER: 99-4-0403-55-073-02                             | 84,631       | 67,745  | 16,886    | 0                          | 0       | 0         |
| GRAND RAPIDS INTER-TRIBAL COUNCIL<br>45 LEXINGTON AVE. N.W.<br>GRAND RAPIDS, MICHIGAN<br>49504<br>GRANT NUMBER: 99-4-0694-55-195-02                          | 121,138      | 96,950  | 24,238    | 0                          | 0       | 0         |
| GRAND TRAVERSE BAND OF OTTAWA AND CHIPPEWA INDIANS<br>ROUTE 1 BOX 135<br>SUTTONS BAY, MICHIGAN<br>49782<br>GRANT NUMBER: 99-4-2721-55-074-02                 | 56,145       | 44,916  | 11,229    | 2,193                      | 1,754   | 439       |
| INTER-TRIBAL COUNCIL OF MICHIGAN, INC.<br>405 EAST EASTERDAY AVENUE<br>SAILLIE ST. MARIE, MICHIGAN<br>49783<br>GRANT NUMBER: 99-4-0172-55-075-02             | 67,259       | 53,807  | 13,452    | 27,238                     | 21,790  | 5,448     |
| MICHIGAN INDIAN MANPOWER, INC.<br>809 CENTER STREET - SUITE 6<br>LANSING, MICHIGAN<br>48206<br>GRANT NUMBER: 99-4-1144-55-076-02                             | 610,454      | 648,363 | 162,091   | 0                          | 0       | 0         |
| NORTH AMERICAN INDIAN ASSOC. OF DETROIT<br>600 WOODWARD AVENUE - 7TH FLOOR<br>DETROIT, MICHIGAN<br>48226<br>GRANT NUMBER: 99-4-0695-55-237-02                | 408,331      | 326,665 | 81,666    | 0                          | 0       | 0         |
| POTOMATTOMI INDIAN NATION<br>53237 TOWNHALL ROAD<br>P.O. BOX 61<br>DOWAGIAC, MICHIGAN 49047<br>GRANT NUMBER: 99-5-3339-55-010-02                             | 155,109      | 124,087 | 31,022    | 0                          | 0       | 0         |
| SAILT STE. MARIE TRIBE OF CHIPPEWA INDIANS<br>2218 SHUNK ROAD<br>SAILT STE. MARIE, MICHIGAN<br>49783<br>GRANT NUMBER: 99-4-0507-55-009-02                    | 238,548      | 190,833 | 47,710    | 33,200                     | 30,560  | 7,640     |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

|                                                                                                                                         | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                         | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| SOUTHEASTERN MICHIGAN INDIANS, INC.<br>P.O. BOX 861<br>WARREN, MICHIGAN<br>48090<br>GRANT NUMBER: 99-4-3220-55-196-02                   | 65,735       | 52,533  | 13,147    | 0                          | 0       | 0         |
| AMERICAN INDIAN FELLOWSHIP ASSN.<br>8 EAST FOURTH STREET<br>DULUTH, MINNESOTA<br>55802<br>GRANT NUMBER: 99-4-0254-55-077-02             | 134,556      | 110,845 | 27,711    | 1,855                      | 1,484   | 371       |
| AMERICAN INDIAN OPPORTUNITIES CTR.<br>2495 - 18TH AVENUE SOUTH<br>MINNEAPOLIS, MINNESOTA<br>55404<br>GRANT NUMBER: 99-4-3221-55-197-02  | 532,647      | 426,118 | 106,529   | 0                          | 0       | 0         |
| BOIS FORT R. B. C.<br>P.O. BOX 16<br>NETT LAKE, MINNESOTA<br>55772<br>GRANT NUMBER: 99-4-0010-55-193-02                                 | 39,567       | 31,654  | 7,913     | 8,011                      | 6,409   | 1,602     |
| FOND DU LAC R.B.C.<br>105 UNIVERSITY ROAD<br>CLOQUET, MINNESOTA<br>55720<br>GRANT NUMBER: 99-4-0009-55-073-02                           | 40,436       | 32,349  | 8,087     | 5,734                      | 4,587   | 1,147     |
| LEEDH LAKE R. B. C.<br>ROUTE 3, BOX 100<br>CASS LAKE, MINNESOTA<br>56633<br>GRANT NUMBER: 99-4-0012-55-017-02                           | 152,806      | 146,245 | 36,561    | 43,766                     | 35,013  | 8,753     |
| MILLE LACS BAND OF CHIPPEWA INDIANS<br>STAR ROUTE-BOX 194<br>ONAMITA, MINNESOTA<br>56359<br>GRANT NUMBER: 99-4-0003-55-030-02           | 33,372       | 26,693  | 6,674     | 7,927                      | 6,342   | 1,585     |
| MINNEAPOLIS AMERICAN INDIAN CENTER<br>1530 EAST FRANKLIN AVENUE<br>MINNEAPOLIS, MINNESOTA<br>55404<br>GRANT NUMBER: 99-4-0204-55-031-02 | 311,876      | 249,501 | 62,375    | 11,047                     | 8,838   | 2,209     |
| RED LAKE TRIBAL COUNCIL<br>P.O. BOX 310<br>RED LAKE, MINNESOTA<br>56671<br>GRANT NUMBER: 99-4-0017-55-032-02                            | 146,377      | 117,102 | 29,275    | 56,415                     | 45,132  | 11,283    |
| WHITE EARTH R.B.C.<br>BOX 418<br>WHITE EARTH, MINNESOTA<br>56591<br>GRANT NUMBER: 99-4-0011-55-199-02                                   | 163,855      | 131,024 | 32,771    | 45,031                     | 36,025  | 9,006     |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

PAGE 9

|                                                                                                                                               | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                               | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| MISSISSIPPI BAND OF CHOCTAW INDIANS<br>ROUTE 7, BOX 21<br>PHILADELPHIA, MISSISSIPPI<br>39350<br>GRANT NUMBER: 99-4-0005-55-034-02             | 317,346      | 253,877 | 63,469    | 46,464                     | 37,171  | 9,293     |
| REGION VII AMERICAN INDIAN COUNCIL, INC.<br>310 ARMOUR ROAD, SUITE 205<br>KANSAS CITY, MISSOURI<br>64116<br>GRANT NUMBER: 99-4-0967-55-200-02 | 587,980      | 470,384 | 117,596   | 0                          | 0       | 0         |
| ASSINIBOINE AND SIOUX TRIBES<br>FORT PECK INDIAN RESERVATION<br>P.O. BOX 1027<br>POPLAR, MONTANA 59255<br>GRANT NUMBER: 99-4-0033-55-034-02   | 218,952      | 175,162 | 43,790    | 68,642                     | 54,914  | 13,728    |
| BLACKFEET TRIBAL BUSINESS COUNCIL<br>P.O. BOX 1090<br>BROWNING, MONTANA<br>59417<br>GRANT NUMBER: 99-4-0006-55-201-02                         | 253,982      | 203,186 | 50,796    | 82,472                     | 65,978  | 16,494    |
| CHIPPEWA CREE TRIBE, ROCKY BOYS RESERV.<br>ROCKY BOY ROUTE - P.O. BOX 530<br>BOX ELDER, MONTANA<br>59521<br>GRANT NUMBER: 99-4-0035-55-035-02 | 102,204      | 81,763  | 20,441    | 26,563                     | 21,250  | 5,313     |
| CONFEDERATED SALISH & KOOTENAI TRIBES<br>P.O. BOX 278<br>PABLO, MONTANA<br>59355<br>GRANT NUMBER: 99-4-0031-55-079-02                         | 256,968      | 205,574 | 51,394    | 64,763                     | 51,810  | 12,953    |
| CROW INDIAN TRIBE<br>P.O. BOX 257<br>CROW AGENCY, MONTANA<br>59022<br>GRANT NUMBER: 99-4-0030-55-036-02                                       | 215,822      | 172,658 | 43,164    | 72,437                     | 57,950  | 14,487    |
| FT. BELKNAP AGENCY<br>BOX 249<br>HARLEM, MONTANA<br>59526<br>GRANT NUMBER: 99-4-0032-55-037-02                                                | 82,395       | 65,916  | 16,479    | 32,550                     | 26,040  | 6,510     |
| MONTANA UNITED INDIAN ASSOCIATION<br>435 NORTH LAST CHANCE GULCH SUITE 2-A<br>HELENA, MONTANA<br>59601<br>GRANT NUMBER: 99-4-0074-55-202-02   | 443,123      | 354,493 | 88,625    | 0                          | 0       | 0         |
| NORTHERN CHEYENNE TRIBE<br>P.O. BOX 368<br>LAME DEER, MONTANA<br>59043<br>GRANT NUMBER: 99-4-0034-55-038-02                                   | 171,022      | 136,818 | 34,204    | 48,572                     | 38,858  | 9,714     |



U.S. DEPARTMENT OF LABOR - BUREAU OF EMPLOYMENT AND TRAINING ADMINISTRATION  
 OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
 PY 1987 TITLE IV-A AND PY 1988 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
 11-05-1986

PAGE 10

|                                                                                                                                                   | PY 1987 IV-A |         |           | PY 1988 II-B (SUMMER 1987) |         |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                   | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| INDIAN CENTER, INC.<br>1100 MILITARY ROAD<br>LINDOLN, NEBRASKA<br>68503<br>GRANT NUMBER: 99-4-2722-55-018-02                                      | 176,370      | 141,076 | 35,274    | 0                          | 0       | 0         |
| NEBRASKA INDIAN INTER-TRIBAL DEV. CORP.<br>ROUTE 1 - BOX 66-A<br>WINNEBAGO, NEBRASKA<br>68071<br>GRANT NUMBER: 99-4-0087-55-203-02                | 317,876      | 254,301 | 63,575    | 47,982                     | 38,336  | 9,596     |
| INTER-TRIBAL COUNCIL OF NEVADA<br>P.O. BOX 7440<br>RENO, NEVADA<br>89510<br>GRANT NUMBER: 99-4-0053-55-205-02                                     | 343,331      | 274,665 | 68,666    | 61,728                     | 49,382  | 12,346    |
| NATIONAL AMERICAN INDIAN CENTER, INC.<br>2700 BONANZA ROAD<br>LAS VEGAS, NEVADA<br>89101<br>GRANT NUMBER: 99-4-0687-55-033-02                     | 96,082       | 76,886  | 19,216    | 0                          | 0       | 0         |
| SHOSHONE PAIUTE TRIBES<br>P.O. BOX 219<br>OWYHEE, NEVADA<br>89632<br>GRANT NUMBER: 99-4-2723-55-039-02                                            | 169,183      | 135,346 | 33,837    | 17,203                     | 13,762  | 3,441     |
| POMAHATAN REMAPE NATION<br>RANKOKUS RESERVATION - P.O. BOX 225<br>RANKOKUS, NEW JERSEY<br>08073<br>GRANT NUMBER: 99-4-3222-55-206-02              | 303,983      | 243,186 | 60,797    | 0                          | 0       | 0         |
| ALAMO NAVAJO SCHOOL BOARD<br>P.O. BOX 907<br>MAGDALENA, NEW MEXICO<br>87825<br>GRANT NUMBER: 99-4-2724-55-090-02                                  | 79,457       | 63,566  | 15,891    | 15,938                     | 12,750  | 3,188     |
| ALL INDIAN PUEBLO COUNCIL, INC.<br>1015 INDIAN SCHOOL RD., NW POBOX 6507<br>ALBUQUERQUE, NEW MEXICO<br>87197<br>GRANT NUMBER: 99-4-3341-55-012-02 | 153,163      | 122,530 | 30,633    | 71,004                     | 56,803  | 14,201    |
| EIGHT INDIAN PUEBLO COUNCIL<br>P.O. BOX 949<br>SAN JUAN PUEBLO, NEW MEXICO<br>87566<br>GRANT NUMBER: 99-4-3223-55-207-02                          | 59,865       | 47,892  | 11,973    | 21,672                     | 17,338  | 4,334     |
| FIVE SANDOVAL INDIAN PUEBLOS, INC.<br>P.O. BOX 590<br>BERNALILLO, NEW MEXICO<br>87004<br>GRANT NUMBER: 99-5-3336-55-007-02                        | 123,182      | 98,546  | 24,636    | 61,053                     | 48,842  | 12,211    |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
 OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
 PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
 11-05-1986

PAGE 11

|                                                                                                                          | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|--------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                          | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| JICARILLA APACHE TRIBE<br>P.O. BOX 507<br>DULCE, NEW MEXICO<br>87528<br>GRANT NUMBER: 99-4-2725-55-091-02                | 55,419       | 44,335  | 11,084    | 27,912                     | 22,330  | 5,582     |
| MESCALERO APACHE TRIBE<br>P.O. BOX 176<br>MESCALERO, NEW MEXICO<br>88340<br>GRANT NUMBER: 99-4-3100-55-309-02            | 77,388       | 61,910  | 15,478    | 27,153                     | 21,722  | 5,431     |
| NATIONAL INDIAN YOUTH COUNCIL<br>313 ELM STREET<br>ALBUQUERQUE, NEW MEXICO<br>87102<br>GRANT NUMBER: 99-4-0077-55-092-02 | 735,414      | 583,331 | 147,083   | 0                          | 0       | 0         |
| PUEBLO OF ACOMA<br>P.O. BOX 469<br>PUEBLO OF ACOMA, NEW MEXICO<br>87034<br>GRANT NUMBER: 99-4-2199-55-010-02             | 103,884      | 83,107  | 20,777    | 37,020                     | 29,616  | 7,404     |
| PUEBLO OF LAGUNA<br>P.O. BOX 194<br>LAGUNA, NEW MEXICO<br>87026<br>GRANT NUMBER: 99-4-1583-55-093-02                     | 77,970       | 62,376  | 15,594    | 51,861                     | 41,489  | 10,372    |
| PUEBLO OF TADS<br>P.O. BOX 1846<br>TADS, NEW MEXICO<br>87571<br>GRANT NUMBER: 99-4-2200-55-002-02                        | 33,439       | 26,751  | 6,688     | 11,300                     | 9,040   | 2,260     |
| PUEBLO OF ZUNI<br>ZUNI TRIBAL COUNCIL<br>P.O. BOX 339<br>ZUNI, NEW MEXICO 87327<br>GRANT NUMBER: 99-4-0021-55-031-02     | 238,190      | 233,552 | 59,638    | 114,601                    | 91,681  | 22,920    |
| RAMAH NAVAJO SCHOOL BOARD, INC.<br>DRAVER, G<br>PINE HILL, NEW MEXICO<br>87321<br>GRANT NUMBER: 99-4-0146-55-032-02      | 95,214       | 76,171  | 19,043    | 20,913                     | 16,730  | 4,183     |
| SANTA CLARA INDIAN PUEBLO<br>P.O. BOX 580<br>ESPANOLA, NEW MEXICO<br>87532<br>GRANT NUMBER: 99-4-3224-55-208-02          | 19,935       | 15,943  | 3,987     | 5,060                      | 4,043   | 1,012     |
| SANTO DOMINGO TRIBE<br>GENERAL DELIVERY<br>SANTO DOMINGO, NEW MEXICO<br>87052<br>GRANT NUMBER: 99-4-1731-55-023-02       | 129,804      | 103,843 | 25,961    | 37,020                     | 29,616  | 7,404     |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION PAGE 12  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1988 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1-86

|                                                                                                                                                          | PY 1987 IV-A |           |           | PY 1988 II-B (SUMMER 1987) |         |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                          | TOTAL        | PROGRAM   | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| AMERICAN INDIAN COMMUNITY HOUSE, INC.<br>242 BROADWAY, 8TH FLOOR<br>NEW YORK CITY, NEW YORK<br>10003<br>GRANT NUMBER: 99-4-0343-55-203-02                | 796,072      | 636,858   | 159,214   | 2,783                      | 2,225   | 557       |
| NATIVE AMERICAN MANPOWER PROGRAM, INC.<br>1047 GRANT STREET (REAR) - P.O. BOX 86<br>BUFFALO, NEW YORK<br>14207-0086<br>GRANT NUMBER: 99-4-0689-55-094-02 | 214,874      | 171,899   | 42,975    | 0                          | 0       | 0         |
| THE NORTH AM. IND. CLUB OF SYRACUSE AND VICINITY,<br>P.O. BOX 851<br>SYRACUSE, NEW YORK<br>13201<br>GRANT NUMBER: 99-4-2201-55-095-02                    | 292,340      | 233,872   | 58,468    | 6,493                      | 5,194   | 1,299     |
| ST. REGIS MOHAWK TRIBE<br>COMMUNITY BUILDING<br>HOGANSBURG, NEW YORK<br>13555<br>GRANT NUMBER: 99-4-0522-55-096-02                                       | 88,768       | 71,014    | 17,754    | 24,703                     | 19,765  | 4,942     |
| SENECA NATION OF INDIANS<br>1490 RTE. 438<br>IRVING, NEW YORK<br>14081<br>GRANT NUMBER: 99-4-0169-55-097-02                                              | 415,410      | 332,328   | 83,082    | 57,764                     | 46,211  | 11,553    |
| CLIMBERLAND COUNTY ASSOC. FOR IND. PEOPLE<br>102 INDIAN DRIVE<br>FAYETTEVILLE, NORTH CAROLINA<br>28301<br>GRANT NUMBER: 99-4-1782-55-028-02              | 128,710      | 102,963   | 25,742    | 0                          | 0       | 0         |
| EASTERN BAND OF CHEROKEE INDIANS<br>P.O. BOX 455<br>CHEROKEE, NORTH CAROLINA<br>28719<br>GRANT NUMBER: 99-4-0003-55-098-02                               | 242,588      | 194,070   | 48,518    | 77,581                     | 62,065  | 15,516    |
| GUILFORD NATIVE AMERICAN ASSOC.<br>P.O. BOX 5623<br>400 PRESIDENT STREET<br>GREENSBORO, NORTH CAROLINA 27403<br>GRANT NUMBER: 99-4-2727-55-099-02        | 97,833       | 78,266    | 19,567    | 0                          | 0       | 0         |
| LUMBER REG. DEV. ASSOC.<br>P.O. BOX 68<br>FERRISBURG, NORTH CAROLINA<br>28372<br>GRANT NUMBER: 99-4-0067-55-024-02                                       | 1,322,247    | 1,057,798 | 264,449   | 0                          | 0       | 0         |
| METROLINA NATIVE AMERICAN ASSN.<br>800 BRIAR CREEK ROAD CC-513<br>CHARLOTTE, NORTH CAROLINA<br>28205<br>GRANT NUMBER: 99-4-2726-55-100-02                | 99,991       | 79,993    | 19,998    | 0                          | 0       | 0         |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION PAGE 13  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

|                                                                                                                                                   | PY 1987 IV-A |           |           | PY 1986 II-B (SUMMER 1987) |         |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                   | TOTAL        | PROGRAM   | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| NORTH CAROLINA COMM. OF IND. AFFAIRS<br>P.O. BOX 27228<br>RALEIGH, NORTH CAROLINA<br>27611-7228<br>GRANT NUMBER: 99-4-0070-55-025-02              | 394,144      | 315,315   | 78,829    | 0                          | 0       | 0         |
| DEVILS LAKE SIOUX TRIBE<br>P.O. BOX 300<br>FORT TOTTEN, NORTH DAKOTA<br>58535<br>GRANT NUMBER: 99-4-0037-55-239-02                                | 121,818      | 97,454    | 24,364    | 34,490                     | 27,592  | 6,898     |
| STANDING ROCK SIOUX, BOX D<br>GENERAL DELIVERY<br>FORT YATES, NORTH DAKOTA<br>58538<br>GRANT NUMBER: 99-4-0046-55-101-02                          | 254,934      | 203,947   | 50,987    | 83,821                     | 67,057  | 16,764    |
| THREE AFFILIATED TRIBES<br>BOX 597<br>NEW TOWN, NORTH DAKOTA<br>58763<br>GRANT NUMBER: 99-4-0062-55-036-02                                        | 139,358      | 111,486   | 27,872    | 49,837                     | 39,870  | 9,967     |
| TURTLE MOUNTAIN BAND OF CHIPPEWA IND.<br>TURTLE MOUNTAIN TRIBAL COUNCIL<br>BELOUCOURT, NORTH DAKOTA<br>58316<br>GRANT NUMBER: 99-4-0075-55-102-02 | 346,435      | 277,148   | 69,287    | 97,398                     | 77,918  | 19,480    |
| UNITED TRIBES - ED. TECH. CNTR.<br>3315 S. AIRPORT ROAD<br>BISMARCK, NORTH DAKOTA<br>58501<br>GRANT NUMBER: 99-4-0206-55-103-02                   | 207,701      | 166,161   | 41,540    | 0                          | 0       | 0         |
| NORTH AMERICAN INDIAN CULTURAL CENTER<br>1159 LAKESHORE BOULEVARD<br>AKRON, OHIO<br>44301<br>GRANT NUMBER: 99-5-3349-55-075-02                    | 739,225      | 591,330   | 147,895   | 0                          | 0       | 0         |
| CADDO TRIBE<br>P.O. BOX 487<br>BINGER, OKLAHOMA<br>73009<br>GRANT NUMBER: 99-4-1783-55-007-02                                                     | 28,467       | 22,774    | 5,693     | 11,047                     | 8,838   | 2,209     |
| CENTRAL TRIBES OF THE SHAWNEE AREA, INC.<br>624 NORTH BROADWAY<br>SHAWNEE, OKLAHOMA<br>74801<br>GRANT NUMBER: 99-4-0038-55-104-02                 | 82,471       | 65,977    | 16,494    | 44,019                     | 35,215  | 8,804     |
| CHEROKEE NATION OF OKLAHOMA<br>P.O. BOX 948<br>TALEQUAH, OKLAHOMA<br>94465<br>GRANT NUMBER: 99-4-0027-55-022-02                                   | 1,440,806    | 1,152,645 | 288,161   | 660,873                    | 528,698 | 132,175   |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
 OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
 PY 1987 TITLE IV-A AND PY 1986 II-B (CIPRER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
 11-05-1986

|                                                                                                                              | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                              | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| CHEYENNE-ARAPAHO TRIBES<br>P.O. BOX 38<br>DUNSMITH, OKLAHOMA<br>73022<br>GRANT NUMBER: 99-4-0043-55-105-02                   | 193,490      | 154,792 | 38,698    | 82,725                     | 66,180  | 16,545    |
| CHICKASAW NATION OF OKLAHOMA<br>P.O. BOX 1543<br>ADA, OKLAHOMA<br>74820<br>GRANT NUMBER: 99-4-0042-55-211-02                 | 336,289      | 309,031 | 77,258    | 169,076                    | 135,261 | 33,815    |
| CHOCTAW NATION OF OKLAHOMA<br>DRAHER 1210<br>DURANT, OKLAHOMA<br>74702<br>GRANT NUMBER: 99-4-0041-55-004-02                  | 786,700      | 629,360 | 157,340   | 297,001                    | 237,601 | 59,400    |
| CITIZENS BAND POTAWATOMI IND. OF OKLA.<br>RIT, S. BOX 151<br>SHAWNEE, OKLAHOMA<br>74801<br>GRANT NUMBER: 99-4-2202-55-106-02 | 194,960      | 155,968 | 38,992    | 138,803                    | 111,042 | 27,761    |
| COMANCHE TRIBE OF OKLAHOMA<br>P.O. BOX 908<br>LAWTON, OKLAHOMA<br>73502<br>GRANT NUMBER: 99-4-3150-55-107-02                 | 160,446      | 128,357 | 32,089    | 106,927                    | 85,542  | 21,385    |
| CREEK NATION OF OKLAHOMA<br>P.O. BOX 580<br>OKMULGEE, OKLAHOMA<br>74447<br>GRANT NUMBER: 99-4-0025-55-103-02                 | 536,234      | 468,987 | 117,247   | 319,432                    | 255,546 | 63,886    |
| FOUR TRIBES CONSORTIUM OF OKLAHOMA<br>P.O. BOX 1193<br>ANADARKO, OKLAHOMA<br>73005<br>GRANT NUMBER: 99-4-2728-55-212-02      | 73,541       | 58,833  | 14,708    | 33,141                     | 26,513  | 6,628     |
| INTER-TRIBAL COUNCIL OF N.E. OKLAHOMA<br>P.O. BOX 1308<br>MIAMI, OKLAHOMA<br>74335<br>GRANT NUMBER: 99-4-1135-55-213-02      | 51,395       | 41,116  | 10,279    | 32,213                     | 25,770  | 6,443     |
| KAW TRIBE OF OKLAHOMA<br>DRAHER 50<br>KAW CITY, OKLAHOMA<br>74641<br>GRANT NUMBER: 99-4-2729-55-012-02                       | 2,814        | 2,251   | 563       | 1,265                      | 1,012   | 253       |
| KICOMA TRIBE OF OKLAHOMA<br>P.O. BOX 361<br>CARNEGIE, OKLAHOMA<br>73015<br>GRANT NUMBER: 99-4-0047-55-107-02                 | 208,321      | 166,657 | 41,664    | 76,485                     | 61,188  | 15,297    |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

PAGE 15

|                                                                                                                                            | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                            | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| OKLAHOMA TRIBAL ASSISTANCE PROGRAM, INC.<br>P.O. BOX 2841<br>TULSA, OKLAHOMA<br>74101<br>GRANT NUMBER: 99-4-0072-55-014-02                 | 340,102      | 272,082 | 68,020    | 175,485                    | 140,338 | 35,097    |
| OSAGE TRIBAL COUNCIL<br>P.O. BOX 147 - OSAGE AGENCY CAMPUS<br>PAWBUKA, OKLAHOMA<br>74056<br>GRANT NUMBER: 99-4-0022-55-110-02              | 103,834      | 83,067  | 20,767    | 68,558                     | 54,846  | 13,712    |
| OTOE-MISSOURIA INDIAN TRIBE OF OKLA.<br>P.O. BOX 68<br>RED ROCK, OKLAHOMA<br>74074<br>GRANT NUMBER: 99-4-2730-55-111-02                    | 36,853       | 29,482  | 7,371     | 18,721                     | 14,977  | 3,744     |
| PAWNEE TRIBE OF OKLAHOMA<br>P.O. BOX 470<br>PAWNEE, OKLAHOMA<br>74058<br>GRANT NUMBER: 99-4-1785-55-112-02                                 | 23,441       | 18,753  | 4,688     | 14,589                     | 11,671  | 2,918     |
| PONCA TRIBE OF INDIANS<br>WHITE EAGLE - BOX 2<br>PONCA CITY, OKLAHOMA<br>74601<br>GRANT NUMBER: 99-4-0029-55-113-02                        | 55,271       | 44,217  | 11,054    | 43,091                     | 34,473  | 8,618     |
| SEMINOLE NATION OF OKLAHOMA<br>P.O. BOX 1431<br>MEMPHIS, OKLAHOMA<br>74884<br>GRANT NUMBER: 99-4-0051-55-013-02                            | 147,969      | 118,375 | 29,594    | 60,041                     | 48,033  | 12,008    |
| TOKAWA TRIBE OF OKLAHOMA<br>P.O. BOX 70<br>TOKAWA, OKLAHOMA<br>74653<br>GRANT NUMBER: 99-4-1136-55-114-02                                  | 40,841       | 32,673  | 8,168     | 40,983                     | 32,786  | 8,197     |
| UNITED URBAN INDIAN COUNCIL<br>2720 GLASSER BLVD., SUITE 101<br>OKLAHOMA CITY, OKLAHOMA<br>73106-5435<br>GRANT NUMBER: 99-4-2731-55-115-02 | 306,404      | 245,125 | 61,281    | 197,073                    | 157,658 | 39,415    |
| CONFED. TRIBES OF SILETZ INDIANS<br>P.O. BOX 549<br>SILETZ, OREGON<br>97330<br>GRANT NUMBER: 99-4-3153-55-020-02                           | 323,404      | 258,723 | 64,681    | 12,396                     | 9,917   | 2,479     |
| CONFED. TRIBES OF THE UMATILLA IND. RES.<br>P.O. BOX 633<br>PENDLETON, OREGON<br>97801<br>GRANT NUMBER: 99-4-3065-55-116-02                | 45,301       | 36,241  | 9,060     | 14,673                     | 11,738  | 2,935     |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
 OFFICE OF FEDERAL AND ADMINISTRATIVE MANAGEMENT  
 PY 1987 TITLE IV-A AND PY 1988 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
 11-05-1986

|                                                                                                                                                                     | PY 1987 IV-A |         |           | PY 1988 II-B (SUMMER 1987) |         |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                                     | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| CONFEDERATE TRIBES OF WARM SPRINGS<br>P.O. BOX C - TENINO ROAD<br>WARM SPRINGS, OREGON<br>97761<br>GRANT NUMBER: 99-4-0256-55-117-02                                | 95,599       | 76,479  | 19,120    | 38,116                     | 30,493  | 7,623     |
| ORGANIZATION OF FORGOTTEN AMERICANS<br>1020 PINE STREET<br>KLAMATH FALLS, OREGON<br>97601<br>GRANT NUMBER: 99-4-2732-55-118-02                                      | 444,630      | 355,704 | 88,926    | 3,710                      | 2,968   | 742       |
| URBAN INDIAN COUNCIL<br>1115 E. MORRISON<br>PORTLAND, OREGON<br>97208<br>GRANT NUMBER: 99-4-0164-55-215-02                                                          | 237,229      | 229,783 | 57,446    | 0                          | 0       | 0         |
| COUNCIL OF THREE RIVERS<br>200 CHARLES STREET<br>PITTSBURGH, PENNSYLVANIA<br>15238<br>GRANT NUMBER: 99-4-0642-55-119-02                                             | 451,436      | 361,149 | 90,287    | 0                          | 0       | 0         |
| UNITED AM. INDIANS OF THE DEL. VALLEY<br>225 CHESTNUT STREET<br>PHILADELPHIA, PENNSYLVANIA<br>19106<br>GRANT NUMBER: 99-4-0477-55-216-02                            | 201,818      | 161,454 | 40,364    | 0                          | 0       | 0         |
| RHODE ISLAND INDIAN COUNCIL<br>444 FRIENDSHIP ST.<br>PROVIDENCE, RHODE ISLAND<br>02907<br>GRANT NUMBER: 99-4-0510-55-120-02                                         | 147,375      | 117,900 | 29,475    | 0                          | 0       | 0         |
| OFFICE OF THE GOVERNOR OF SOUTH CAROLINA<br>1800 ST. JULIAN PLACE - 13TH FLOOR, SUITE 200<br>COLUMBIA, SOUTH CAROLINA<br>29204<br>GRANT NUMBER: 99-4-0403-55-217-02 | 269,579      | 215,663 | 53,916    | 10,288                     | 8,230   | 2,058     |
| CHEYENNE RIVER SIOUX TRIBE<br>P.O. BOX 768<br>EAGLE BUTTE, SOUTH DAKOTA<br>57625<br>GRANT NUMBER: 99-4-0039-55-121-02                                               | 230,646      | 184,517 | 46,129    | 74,124                     | 59,299  | 14,825    |
| CROW CREEK SIOUX TRIBE<br>P.O. BOX 688<br>FORT THOMPSON, SOUTH DAKOTA<br>57339<br>GRANT NUMBER: 99-4-0040-55-218-02                                                 | 104,778      | 83,822  | 20,956    | 24,792                     | 19,834  | 4,958     |
| LOWER BRULE SIOUX TRIBE<br>P.O. BOX 187<br>LOWER BRULE, SOUTH DAKOTA<br>57548<br>GRANT NUMBER: 99-4-0073-55-219-02                                                  | 53,451       | 46,761  | 11,690    | 12,986                     | 10,389  | 2,597     |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
 OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
 PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
 11-05-1986

PAGE 17

|                                                                                                                             | PY 1987 IV A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|-----------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                             | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| OGALA SIOUX TRIBE<br>P.O. BOX G<br>PINE RIDGE, SOUTH DAKOTA<br>57770<br>GRANT NUMBER: 99-4-0043-55-233-02                   | 727,900      | 582,320 | 145,580   | 203,650                    | 162,920 | 40,730    |
| ROSEBUD SIOUX TRIBE<br>BOX 430<br>ROSEBUD, SOUTH DAKOTA<br>57570<br>GRANT NUMBER: 99-4-0044-55-220-02                       | 431,159      | 344,927 | 86,232    | 103,554                    | 82,843  | 20,711    |
| SISSETON-WAMPETON SIOUX TRIBE<br>P.O. BOX 509<br>AGENCY VILLAGE, SOUTH DAKOTA<br>57262<br>GRANT NUMBER: 99-4-0045-55-122-02 | 167,928      | 134,342 | 33,586    | 43,850                     | 35,080  | 8,770     |
| UNITED SIOUX TRIBES DEV. CORP.<br>P.O. BOX 1193<br>PIERRE, SOUTH DAKOTA<br>57501<br>GRANT NUMBER: 99-4-0165-55-123-02       | 608,045      | 486,436 | 121,609   | 32,382                     | 25,906  | 6,476     |
| USET INCORPORATED<br>1101 KERMIT DRIVE<br>SUITE 800<br>NASHVILLE, TENNESSEE 37217<br>GRANT NUMBER: 99-4-2737-55-027-02      | 640,162      | 512,130 | 128,032   | 0                          | 0       | 0         |
| ALABAMA-COUSHATTA INDIAN TRIBAL COUNCIL<br>BOX 1141<br>LIVINGSTON, TEXAS<br>77351<br>GRANT NUMBER: 99-4-1784-55-029-02      | 668,280      | 534,624 | 133,656   | 4,807                      | 3,846   | 961       |
| DALLAS INTER-TRIBAL CENTER<br>209 EAST JEFFERSON BLVD.<br>DALLAS, TEXAS<br>75203-2690<br>GRANT NUMBER: 99-4-0078-55-124-02  | 274,257      | 219,406 | 54,851    | 0                          | 0       | 0         |
| TIGUA INDIAN TRIBE<br>P.O. BOX 17579 - YSLETA STATION<br>EL PASO, TEXAS<br>79917<br>GRANT NUMBER: 99-4-2099-55-125-02       | 456,476      | 365,181 | 91,295    | 10,541                     | 8,433   | 2,108     |
| INDIAN CENTER OF SALT LAKE<br>1164 FOLGER STREET<br>SALT LAKE CITY, UTAH<br>84111<br>GRANT NUMBER: 99-5-3337-55-003-02      | 419,029      | 335,223 | 83,806    | 0                          | 0       | 0         |
| UTE INDIAN TRIBE<br>P.O. BOX 190<br>FORT DUCHENE, UTAH<br>84026<br>GRANT NUMBER: 99-4-0049-55-126-02                        | 75,303       | 60,246  | 15,057    | 31,791                     | 25,433  | 6,358     |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION PAGE 18  
OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
11-05-1986

|                                                                                                                                                     | PY 1987 IV-A |         |           | PY 1986 II-B (SUMMER 1987) |         |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|----------------------------|---------|-----------|
|                                                                                                                                                     | TOTAL        | PROGRAM | COST POOL | TOTAL                      | PROGRAM | COST POOL |
| ABENAKI SELF-HELP ASSN./N.H.IND. COUNC.<br>BOX 276<br>SWANTON, VERMONT<br>05488<br>GRANT NUMBER: 99-4-3064-55-003-02                                | 111,588      | 89,270  | 22,318    | 0                          | 0       | 0         |
| MATTAPONI PANUKEY MINACAN CONSORTIUM<br>ROUTE 2 - P.O. BOX 280<br>WEST POINT, VIRGINIA<br>23181<br>GRANT NUMBER: 99-4-3227-55-221-02                | 242,174      | 193,739 | 48,435    | 1,434                      | 1,147   | 287       |
| AMERICAN INDIAN COMMUNITY CENTER<br>EAST 801 SECOND AVE.<br>SPOKANE, WASHINGTON<br>99202<br>GRANT NUMBER: 99-4-1138-55-233-02                       | 720,033      | 576,026 | 144,007   | 106,505                    | 85,204  | 21,301    |
| COLUMBIA CONFEDERATED TRIBES<br>P.O. BOX 150<br>NESPHELE, WASHINGTON<br>99155<br>GRANT NUMBER: 99-4-1726-55-005-02                                  | 204,260      | 163,408 | 40,852    | 45,115                     | 36,092  | 9,023     |
| LUMMI INDIAN BUSINESS COUNCIL<br>2616 KUTINA ROAD<br>BELLINGHAM, WASHINGTON<br>98225<br>GRANT NUMBER: 99-4-2204-55-224-02                           | 44,816       | 35,853  | 8,963     | 17,877                     | 14,302  | 3,575     |
| N.W. INTER-TRIBAL COUNCIL<br>P.O. BOX 115<br>NEAN BAY, WASHINGTON<br>98357<br>GRANT NUMBER: 99-4-0069-55-225-02                                     | 46,504       | 37,203  | 9,301     | 29,515                     | 23,612  | 5,903     |
| PUYALLUP TRIBE<br>2002 EAST 28TH ST.<br>TACOMA, WASHINGTON<br>98404<br>GRANT NUMBER: 99-4-1137-55-226-02                                            | 164,909      | 131,927 | 32,982    | 17,962                     | 14,370  | 3,592     |
| SEATTLE INDIAN CENTER<br>2222 2ND AVE.<br>SEATTLE, WASHINGTON<br>98121<br>GRANT NUMBER: 99-4-0511-55-228-02                                         | 432,009      | 345,607 | 86,402    | 0                          | 0       | 0         |
| WESTERN WASH. IND. EMPL. AND TRNG. PROG.<br>4505 PACIFIC HIGHWAY EAST<br>SUITE C-5<br>TACOMA, WASHINGTON 98424<br>GRANT NUMBER: 99-4-1933-55-229-02 | 869,048      | 695,238 | 173,810   | 117,805                    | 94,244  | 23,561    |
| LAC COURTE OREILLES TRIBAL GOVERNING BOARD<br>ROUTE 2, BOX 2700<br>HAYWARD, WISCONSIN<br>54843<br>GRANT NUMBER: 99-4-0018-55-127-02                 | 97,901       | 78,321  | 19,580    | 23,021                     | 18,417  | 4,604     |



U.S. DEPARTMENT OF LABOR - EMPLOYMENT AND TRAINING ADMINISTRATION  
 OFFICE OF FINANCIAL AND ADMINISTRATIVE MANAGEMENT  
 PY 1987 TITLE IV-A AND PY 1986 II-B (SUMMER 1987) ALLOCATIONS FOR NATIVE AMERICANS  
 11-05-1986

PAGE 19

|                                                                                                                                          | PY 1987 IV-A |            |            | PY 1986 II-B (SUMMER 1987) |           |           |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|------------|----------------------------|-----------|-----------|
|                                                                                                                                          | TOTAL        | PROGRAM    | COST POOL  | TOTAL                      | PROGRAM   | COST POOL |
| BAND OF LAKE SUPERIOR CHIPPEWAS<br>P.O. BOX 24<br>LAC DU FLAMBEAU, WISCONSIN<br>54538<br>GRANT NUMBER: 99-4-1139-55-128-02               | 47,136       | 37,709     | 9,427      | 17,709                     | 14,167    | 3,542     |
| MENOMINEE INDIAN TRIBE<br>P.O. BOX 397<br>KEESHENA, WISCONSIN<br>54135-0397<br>GRANT NUMBER: 99-4-0013-55-003-02                         | 74,775       | 59,820     | 14,955     | 43,176                     | 34,541    | 8,635     |
| MILWAUKEE AREA AM. IND. MANPOWER COUNCIL<br>3121 W. WISCONSIN AVE.<br>MILWAUKEE, WISCONSIN<br>53218<br>GRANT NUMBER: 99-4-0227-55-030-02 | 231,796      | 185,437    | 46,359     | 0                          | 0         | 0         |
| ONEIDA TRIBE OF INDIANS OF WIS., INC.<br>P.O. BOX 365<br>ONEIDA, WISCONSIN<br>54115<br>GRANT NUMBER: 99-4-0015-55-035-02                 | 205,488      | 164,390    | 41,098     | 28,587                     | 22,870    | 5,717     |
| STOCKBRIDGE-MUNSEE COMMUNITY<br>ROUTE 1<br>BOMLER, WISCONSIN<br>54416<br>GRANT NUMBER: 99-4-0500-55-129-02                               | 62,455       | 49,964     | 12,491     | 8,517                      | 6,814     | 1,703     |
| WISCONSIN INDIAN CONSORTIUM<br>P.O. BOX 181<br>ODANAH, WISCONSIN<br>54861<br>GRANT NUMBER: 99-4-2207-55-231-02                           | 91,813       | 73,450     | 18,363     | 24,033                     | 19,226    | 4,807     |
| WISCONSIN-MINNEBAGO BUSINESS COMMITTEE<br>P.O. BOX 311<br>TONAW, WISCONSIN<br>54660<br>GRANT NUMBER: 99-4-0019-55-130-02                 | 199,341      | 159,473    | 39,868     | 13,661                     | 10,929    | 2,732     |
| SHOSHONE/ARAPAHO TRIBES<br>P.O. BOX 217<br>FORT WASHAKIE, WYOMING<br>82514<br>GRANT NUMBER: 99-4-0050-55-015-02                          | 224,593      | 179,674    | 44,919     | 64,426                     | 51,541    | 12,885    |
| NATIONAL TOTAL                                                                                                                           | 61,484,000   | 49,187,193 | 12,296,802 | 11,565,739                 | 9,252,593 | 2,313,146 |

[FR Doc. 86-27368 Filed 12-5-86; 8:45 am]  
 BILLING CODE 4510-30-C



**Occupational Safety and Health Administration****National Advisory Committee on Occupational Safety and Health; Appointment of Members and Notice of Meeting**

**AGENCY:** Occupational Safety and Health Administration (OSHA), Department of Labor.

**ACTION:** Notice of appointment of members and notice of meeting. Notice is hereby given that appointments have been made to fill six (6) vacancies on the National Advisory Committee on Occupational Safety and Health.

The vacancies were created by the expiration of the terms of six members on June 30, 1986. Three of the vacancies have been filled by members who have been reappointed to serve another term on the Committee; they are:

Dr. Ernest M. Dixon, safety and health consultant, McLean, Va., as a Public Representative

Mr. Robert B. Taylor, Director, Division of Occupational Safety and Health, Tennessee Department of Labor, as a Public Representative

Mr. John Donlon, special representative to the Colorado Building and Construction Trades Council, Lakewood, Colorado, as a Labor Representative.

The remaining three (3) vacancies were filled by new appointments; they are:

Mr. Joseph L. Holtshouser, Manager, Corporate Industrial Hygiene, The Goodyear Tire & Rubber Company, as a Management Representative

Mr. Jon Keith Parish, Director, Loss Control and Training, The Lane Company, Inc., as a Safety Representative

Dr. Robert C. Spear, Director, Northern California Educational Resource Center, National Institute for Occupational Safety and Health, as a Public Representative.

Each of these members has been appointed for two year terms that will end November 13, 1988.

The Committee will meet on December 18, 1986, in Seminar Room 7, Room C5515, U.S. Department of Labor, 200 Constitution Avenue NW., Washington, DC. The meeting will begin at 9:00 a.m. The public is invited to attend.

The agenda will include the swearing in of the members and reports on activities of the Occupational Safety and Health Administration and of the National Institute for Occupational Safety and Health.

The National Advisory Committee on Occupational Safety and Health was established under section 7(a) of the Occupational Safety and Health Act of 1970 (29 U.S.C. 656) to advise the Secretary of Labor and the Secretary of

Health and Human Services on matters relating to the administration of the Act.

For additional information contact: Tom Hall, Division of Consumer Affairs, Occupational Safety and Health Administration, Room N3637, 200 Constitution Avenue NW., Washington, DC 20210, telephone: (202) 523-8615.

Signed at Washington, DC, this 2nd day of December, 1986.

John A. Pendergrass,

Assistant Secretary of Labor.

[FR Doc. 86-27525 Filed 12-5-86; 8:45 am]

BILLING CODE 4510-26-M

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

[86-85]

**NASA Advisory Council, Aeronautics Advisory Committee (AAC); Meeting**

**AGENCY:** National Aeronautics and Space Administration.

**ACTION:** Notice of meeting.

**SUMMARY:** In accordance with the Federal Advisory Committee Act, Pub. L. 92-463, as amended, the National Aeronautics and Space Administration announces a forthcoming meeting of the NASA Advisory Council, Aeronautics Advisory Committee, Ad Hoc Review Team on Advanced Propulsion Technology.

Date and time: January 8, 1987, 8:30 a.m. to 4:30 p.m.; January 9, 1987, 8:30 a.m. to 12:30 p.m.

**ADDRESS:** Wright-Patterson Air Force Base, Aeropropulsion Laboratory, Main Conference Room, Wright-Patterson Air Force Base, OH 45433.

**FOR FURTHER INFORMATION CONTACT:** Mr. John Facey, Office of Aeronautics and Space Technology, National Aeronautics and Space Administration, Washington, DC 20546, 202/453-2857.

**SUPPLEMENTARY INFORMATION:** The NAC Aeronautics Advisory Committee was established to provide overall guidance and direction to the aeronautics research and technology activities in the Office of Aeronautics and Space Technology (OAST). Special ad hoc review teams are formed to address specific topics. The Ad Hoc Review Team on Advanced Propulsion Technology, chaired by Dr. Eugene Covert, is comprised of nine members.

This meeting will be closed to the public to permit discussion of the United States Air Force (USAF) advocacy and program plan for the High Performance Turbine Engine Technology Initiative. The advocacy is based on a classified threat analysis, and discussion of the program plan will include classified

information. Since this session will be concerned with matters listed in 5 U.S.C. 552b(c)(1), it has been determined that this meeting should be closed to the public.

Type of meeting: Closed.

Richard L. Daniels,

Advisory Committee Management Officer, National Aeronautics and Space Administration.

December 1, 1986.

[FR Doc. 86-27405 Filed 12-5-86; 8:45 am]

BILLING CODE 7510-01-M

**NUCLEAR REGULATORY COMMISSION**

[Docket No. 50-412]

**Duquesne Light Co. et al.; Beaver Valley Power Station, Unit 2; Order Extending Construction Completion Date**

Duquesne Light Company, Cleveland Electric Illuminating Company, Ohio Edison Company, and Toledo Edison Company (permittees) are the holders of Construction Permit No. CPPR-105 issued by the Nuclear Regulatory Commission on May 3, 1974 for the Beaver Valley Power Station, Unit 2. This facility is presently under construction at the applicant's site in Shippingport, Pennsylvania.

Upon the permittees' request, the Commission has, on January 30, 1980, extended the Construction Permit (CP) to December 31, 1984. Under a second request, the Commission has, on March 14, 1984, extended the CP to December 31, 1986.

By letter dated July 30, 1986, Duquesne Light Company, on behalf of itself and the other permittees, filed a request for extension of the latest construction completion date for the facility. This request is to extend the latest completion date from December 31, 1986 to December 31, 1987.

Duquesne Light Company stated that this extension is requested because construction has been delayed due to the following:

1. At the time the permittees applied for the earlier extension of the Construction Permit in 1984, the projected Central Area Power Coordinating Group (CAPCO) summer peak load forecast for 1986 was 11550MW. Since that time, the demand for power in the CAPCO area has fallen below anticipated levels. The projected CAPCO summer peak load forecast for 1987 (the present anticipated year of commercial availability) is 11135MW. The general decline of CAPCO load



growth justifies deferral of fuel load until April, 1987.

2. As a result of the TMI-2 accident in March 1979, a large number of new regulatory requirements applicable to the design and construction of BVPS-2 have been promulgated. These requirements include the emergency response facilities, combustible gas control, human factors review, and containment design. The implementation of these changes has significantly delayed the critical path construction schedules. Although it is difficult to assess their individual impact, the permittees estimate that the cumulative effect of these changes has resulted in additional delays in the scheduled completion of BVPS-2.

3. The BVPS-2 construction schedule has been affected by financial considerations. In January of 1985, the members of CAPCO (which includes the permittees) took several steps to improve their financial position. Planned cash expenditures by the permittees for BVPS-2 were reduced by \$100 million and transferred to Perry-1 in order to complete its construction program. This reduction in funds resulted in a 10-month delay in scheduled completion of BVPS-2.

4. The permittees need additional time to fully test and evaluate completed portions of the project as they are turned over by the contractors. The permittees believe additional time spent on evaluation and testing is necessary to ensure that the plant will perform as specified. The permittees' original schedule underestimated the amount of time required to complete planned activities.

The staff has performed an evaluation of the request for extension. Based on this review, the staff has determined that the above factors have resulted in significant delays in construction completion and that the request is for a reasonable period of time when considering the nature of the delays. In addition, the extension of the latest completion date in this construction permit does not involve any significant hazards consideration since the extension will not allow any work to be performed that is not already allowed by the existing construction permit.

Prior public notice of this extension was not required since the Commission has determined that this action involves no significant hazards consideration; good cause has been shown for the delays; and the requested extension is for a reasonable period of time.

Pursuant to 10 CFR 51.32, the Commission has determined that this action will not result in any significant

environmental impact (51 FR 42664, November 25, 1986).

The NRC staff's evaluation of the request for extension of the construction permit is available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, DC 20555 and at the B.F. Jones Memorial Library, 663 Franklin Avenue, Aliquippa, Pennsylvania 15001.

It is hereby ordered that the latest completion date for CPPR-105 be extended from December 1986 to December 31, 1987.

Date of Issuance: November 25, 1986.

For the Nuclear Regulatory Commission.

Thomas M. Novak,

Acting Director, Division of PWR Licensing-A, Office of Nuclear Reactor Regulation.

[FR Doc. 86-27439 Filed 12-5-86; 8:45 am]

BILLING CODE 7590-01-M

#### **International Atomic Energy Agency Report on Notification of National Competent Authorities When Some Types of Radioactive Material Are Exported; Availability of Report for Public Comment**

At the request of the United States, the International Atomic Energy Agency (IAEA) convened a consultants group to examine the need for the development of procedures for the notification of national authorities in recipient countries when some types of radioactive material are exported. The consultants group issued a report, which the Director General of the IAEA has circulated to member States for comment.

The consultants group examined the notification procedures associated with radioactive materials subject to the Treaty on the Non-Proliferation of Nuclear Weapons (NPT) and the IAEA's Regulations for the Safe Transport of Radioactive Materials (Safety Series No. 6), to determine their relevance for a notification program. In the case of NPT, it was agreed that Member States which receive notification for safeguards purposes could also use that information for their national health and safety programs if necessary. In the case of transport, it was agreed that the notification procedures do not apply to all situations foreseen in a notification program. The group noted, however, that the transport system of activity classification is widely used and recognized and provides a convenient basis for establishing lower limits for a notification process.

The consultants group recommended a notification system which includes the following fundamental concepts:

(a) Notification should be made for any package containing more than  $10^{-2} \times A^2$ , where  $A^2$  is an activity defined in the IAEA Regulations for Safe Transport of Radioactive Material, (or, see 10 CFR Part 71, Table A-1) and any package containing one of the following devices (or source therefor): industrial radiography device, medical teletherapy device, gamma gauge, well logging device, portable moisture density gauge, gamma irradiator, or general medical device.

(b) Notifications should flow directly from the national competent authority of the exporting country to that of the receiving country.

(c) The system should involve the participation of as many Member States as possible and particularly the major exporting States. It could be initiated by voluntary statements of intent transmitted to the Director General, with the possibility of a more formal undertaking at a later stage.

The consultants group recognized that an accurate cost/benefit analysis may indicate the optimum notification. However, the group did not have sufficient information to perform the analysis. It was hoped that comments from Member States will provide assistance.

Comments received by the Chief, Rules and Procedures Branch, Division of Rules and Records, Office of Administration, MNBB-4000, U.S. Nuclear Regulatory Commission, Washington, DC 20555, by December 31, 1986, will be useful to the Commission in preparing its comments for submission to the IAEA. The Commission would particularly appreciate comments on the number of international shipments made each year, the cost of preparing an individual report, and the levels and list of devices that would require notification.

Single copies of the consultants groups report may be obtained by a written request to Norman L. McElroy, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555. For additional information on this matter, contact Mr. McElroy on (202) 427-4106.

Dated at Washington, DC this 28 day of November, 1986.

For the Nuclear Regulatory Commission.

John G. Davis,

Director, Office of Nuclear Material Safety and Safeguards.

International Atomic Energy Agency

September 30, 1986.

Sir: I have the honour to inform you that, at the request of a Member State, the IAEA is investigating the need for a system of



notification of national authorities in recipient countries when certain categories of radioactive material are exported. To this end a group of consultants was convened during the period 7-11 July 1986 in Vienna.

The consultants group agreed that a system for informing Member States of some international transfers of radioactive materials could be useful to them in their national programmes.

Enclosed with this letter is a copy of the report of the consultants group. You will note that the group has recommended that their report be sent to Member States for comments and that the Board of Governors be informed of the comments from Member States and of any recommended action that arises from these comments.

Your Government is accordingly invited to submit, not later than 31 January 1987 any comments which it may wish to make on the proposed notification programme. If comments are not received from your Government by this date, it will be assumed that your Government fully supports the proposed notification programme.

Accept, Sir, the assurances of my highest consideration.

Hans Blix,  
Director General.  
Enclosure.  
Doc. 7187s

#### The Notification of National Competent Authorities When Some Types of Radioactive Material Are Exported

*Report of the Consultants Group Which Met From 7-11 July 1986, Vienna*

Consultants:  
U. Alter, FRG  
J. Becker, USA  
N. McElroy, USA  
J. Rozental, Brazil  
W. Smythe, Canada (Chairman)

Scientific Secretary: R. E. Utting

#### Table of Contents

1. Summary
2. Introduction
3. Proposal
  - 3.1 General
  - 3.2 Key Features of a Notification Programme
    - 3.2.1 Form of Communication
    - 3.2.2 Channel of Communication
    - 3.2.3 Nature and Form of Undertaking
4. Amounts of Radioactive Material and Categories of Devices Requiring Notification
  - 4.1 General
  - 4.2 Amounts of Radioactive Material Requiring Notification
  - 4.3 Categories of Devices Requiring Notification
5. Cost and Benefit of a Notification Programme
6. Role of the IAEA
7. Recommendations
8. References
- Annex

#### 1. Summary

At the request of a Member State, the Secretariat convened a consultants group to examine the need for the development of procedures for the notification of national authorities in recipient countries when some types of radioactive material are exported.

The consultants group agreed that a system for informing Member States of some international transfers of radioactive materials could be useful to them in their national programmes.

The consultants group examined the notification procedures associated with radioactive materials subject to the Treaty on the Non Proliferation of Nuclear Weapons (NPT) and the Regulations for the Safe Transport of Radioactive Materials, to determine their relevance for this programme. In the case of NPT, it was agreed that Member States which receive notification for safeguards purposes could also use that information for their national health and safety programmes if necessary. In the case of transport, it was agreed that the notification procedures do not apply to all situations foreseen in this programme. However, the transport system of activity classification is widely used and recognized and provides a convenient basis for establishing lower limits for a notification process.

The consultants group recommended a system which includes the following fundamental concepts:

(a) Notification should be made for any package containing more than  $10^{-2} \times A_2$ , where  $A_2$  is an activity defined in the Regulations for Safe Transport of Radioactive Material, and any package containing a device or source for a device (see Table 1).

(b) Notifications should flow directly from the national competent authority of the exporting country to that of the receiving country.

(c) The system should involve the participation of as many Member States as possible and particularly the major exporting States. It could be initiated by voluntary statements of intent transmitted to the Director General, with the possibility of a more formal undertaking at a later stage.

The consultants group recognizes that its choice of a lower limit for notification purposes could have an impact on Member States. However, the consultants did not have sufficient information to assess this impact and hope that comments from Member States will provide assistance.

#### 2. Introduction

The International Atomic Energy Agency has developed various means to assist Member States in the development and improvement of their national programmes for the reduction of risks of ionizing radiation. Among these are the Basic Safety Standards for Radiation Protection, Safety Series No. 9, [IAEA 1982], the provision of advisory services through technical co-operation, and the Radiation Protection Advisory Teams (RAPAT). Regardless of

whether a national programme is in a development stage or is fully established, a fundamental element of the programme should be knowledge of the radioactive materials<sup>1</sup> that enter the State, thereby permitting the State to ensure that all appropriate controls are being applied. Materials that enter a State without its knowledge might be received by persons who have not been properly authorized by the State to receive them and are therefore not subject to the appropriate controls.

Some Member States may rely on import control systems for this information. Others may rely on different sources depending on the nature of their legal and administrative systems. A further possibility could be the use of information sent directly from an exporting State to an importing State. The task of the consultants group was to examine the need, the feasibility and the means of implementing such a system and to make recommendations.

There have been a number of events in recent years in several States in which the loss of control of radioactive sources has resulted in significant exposure of workers and members of the public, in some cases giving rise to serious health effects. In at least one of these events, even though all applicable import and export requirements appear to have been met, it has been suggested that, had the relevant regulatory agency in the receiving State been specifically made aware of the import of the source, the event may have been avoided. This is of course speculative, but it is an issue that needs consideration. As a result one Member State proposed that the Agency convene a consultants group to examine the issue. This report is the result of the deliberations of that group.

There are a number of potential options for attempting to maintain appropriate national control. However, it is not within the scope of this initiative to assume or recommend any particular regulatory requirement on the part of the receiving State. Rather, it is envisaged that by placing an obligation on the exporting State to provide notification of the transfer of certain amounts and categories of radioactive material to the competent authority of the recipient State, then the recipient State will be in a better position to exercise the control that it deems to be appropriate.

The consultants group considered existing systems that apply to the international movement of radioactive materials to determine their relevance to this subject. The international shipment of "nuclear material" subject to the Treaty on the Non-Proliferation of Nuclear Weapons is subject to a well defined system of control which includes notification procedures. The consultants group agreed that this system provides sufficient information to Member States for all controls that need to be applied to those materials, whether for safeguards or for

<sup>1</sup> For the purpose of this document radioactive material is as defined in A3.3.



health and safety purposes. The proposal in this report does not apply to "nuclear materials".

The Regulations for the Safe Transport of Radioactive Material, Safety Series No. 6, 1985 Edition [IAEA 1985] have been adopted universally and therefore apply to all international transfers of radioactive material. The notification procedures in these regulations are limited in certain quantities of radioactive material and package design. The consultants group considers these procedures unsuitable for the purpose of this report. However, the basic system for specifying activity limits for "type A" shipments is widely used and recognized and the consultants group has used it, among other considerations, for defining a lower limit for a proposed system of notification.

The obligation to notify could fall on any Member State since any State may from time to time engage in international transfers of radioactive material. However, the main burden will be assumed by the major exporters. A recent survey of radioactive shipments (Pope and McClure 1988) indicates that about 95% of all reported international shipments originate in 8 States (Canada, France, FRG, Japan, UK and USA, the USA contribution being an estimate because that State did not differentiate between international and internal shipments). This survey must be used with caution because many States, including some major industrial States, did not participate in the survey. It is appreciated that adoption of these recommendations will result in an increased administrative burden, particularly for the major exporters of radioactive material. The magnitude and cost of this burden is unknown at present and will vary from country to country. It is important that the increase in radiation protection due to the increased regulatory control in the receiving countries justifies this increase in cost.

### 3. Proposal

#### 3.1 General

The consultants group agreed that a system for informing Member States of international transfers of radioactive material could be useful for assisting them in their national programme. To be practical, such a system should provide information quickly and in a form that is easily understood, and be limited to transfers that have significance for radiation protection.

Although the statistical information on international shipments is incomplete, there may be as many as one million per year. Most of these are made by only a few major exporting Member States. To be effective, an information system would require the participation of all of these major exporters, and some means must be developed to encourage a uniform approach.

There are many practical problems which could arise in establishing a system: the consultants group did not have sufficient information to identify all of these or to provide solutions. Nevertheless, the group was able to discuss and to make recommendations for the following major elements of a system.

#### 3.2 Key Features of a Notification Programme

##### 3.2.1 Form of Communication

Two possible forms of communication were considered, *notification*, where the exporting State would simply inform the receiving State that an export had been authorized, and *verification*, where the exporting State would ask for confirmation of authority to receive before it authorized the export.

Verification would require more administration and more time to complete an individual transfer. This could be a serious constraint for some exporters, particularly in the case of short half-life medical radioisotopes. The consultants group agreed that *notification* would be more practical. If an importing State wants additional controls on radioactive material entering the State, it could use other means such as border controls.

##### 3.2.2 Channel of Communication

The consultants group agreed that the most effective channel of communication for a notification would be direct communication from the national competent authority of the exporting State to the national competent authority of the receiving State. It would be the sole responsibility of the exporting State to determine how information would be transmitted from an exporter to the national competent authority of the exporting State.

The consultants group also considered the possibility of involving the Agency as an intermediary or "clearing house" for passing information from one State to another, but agreed that this would probably introduce additional unnecessary administration and delay. It would be useful however, if exporting States provided annual statistical information to the Agency which could be compiled for an assessment of the system.

##### 3.2.3 Nature and Form of the Undertaking

An effective system would require wide acceptance by Member States. The consultants group recognized that international co-operation can be achieved by different means ranging from voluntary acceptance of guidelines to formal ratification of multilateral agreements. The consultants group agreed that multilateral acceptance of a common system is very desirable and that initially at least, this should be accomplished by voluntary statements of intention by the major exporting State. With experience it might be possible to develop a formal convention or agreement which Member States could adopt or adhere to.

In the Annex, the consultants group has indicated certain elements which might be incorporated into undertakings by both the Agency and Member States.

### 4. Amounts of Radioactive Material and Categories of Devices Requiring Notification

#### 4.1 General

The consultants group recognized that the principal technical problem in designing this programme is to define which packages require notification. The consultants group also recognized that the total cost of a notification programme, which is in part determined by the lower limit, must be weighed against the potential benefits.

#### 4.2 Amounts of Radioactive Material Requiring Notification

The consultants group examined Tables A<sub>1</sub> and A<sub>2</sub> in the Agency's publication "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Material" [IAEA 1985]. These tables were developed to define the type of package required for the safe transport of radioactive material. Table A<sub>1</sub> lists, for each radionuclide, the maximum amount of special form radioactive material permitted in a Type A package; Table A<sub>2</sub> lists, for each radionuclide, the maximum amount of radioactive material that is other than special form radioactive material permitted in a Type A package (see paragraph 110 of IAEA 1985). The consultants group made two conclusions:

- (1) There should be no differentiation between the lower limit for notification for packages containing special form radioactive materials and packages containing other than special form radioactive material; and
- (2) The amounts in Tables A<sub>1</sub> and A<sub>2</sub> are too high for use in this notification programme.

Regarding the first conclusion, the consultants group notes that Tables A<sub>1</sub> and A<sub>2</sub> were designed for transportation accidents in which:

- (a) the state can take prompt action to contain the radioactive material, and
- (b) it is unlikely that a large portion of the package is released to the environment.

These assumptions are inappropriate for this report, the purpose of which is to recommend a system to reduce the probability of an event in which radioactive material is lost or misplaced. However, the lower limits should still be based on the values in Tables A<sub>1</sub> and A<sub>2</sub> because these tables are complete and available and known to all the Member States. The consultants group makes its recommendation based on an examination of the values in Tables A<sub>1</sub> and A<sub>2</sub> and in consideration of the risk presented by various radioactive materials.

The consultants group realizes that an accurate cost benefit analysis may indicate the optimum notification level. In the absence of sufficient information for a cost benefit analysis, the consultants group recommends that notification be required if a package contains more than  $10^{-2} \times A_2$ . Such amounts could present a clear radiation hazard if there is a loss of control.

#### 4.3 Categories of Devices Requiring Notification

Regardless of the lower limits selected, the consultants group believes that certain devices which contain radioactive material that are likely to be damaged in normal use or misplaced should also require notification prior to export. Sources designed for use in those devices should also require notification prior to export. The consultants group makes this recommendation based on an examination of past events involving loss of control of devices. The consultants group realizes that as a practical matter, conventional sources for many of these devices exceed  $10^{-2} \times A_2$  and that a notification requirement based on the category of the device will frequently duplicate a notification requirement based on



amount of radioactive material in the device or source.

The consultants group recommends that notification be required if a package contains a radioactive source designed for use in a device in a category listed in Table 1, or such a device with its source in place.

**Table 1.—Categories of Devices Requiring Notification**

**Industrial Radiography Devices.**—These devices are used for examining the structure of material by nondestructive visualization.

**Medical Teletherapy Devices.**—These devices are used for treating disease with gamma radiation from a source of radiation located at a distance from the patient.

**Gamma Gauges.**—These devices are used for measuring or controlling thickness, density, level, interface location, radiation leakage, or chemical composition.

**Well Logging Devices.**—These devices are used for obtaining information about wells and geologic formations.

**Portable Moisture Density Gauges.**—These devices are used for measuring content or density of material. They may be hand-held or dolly-transported.

**Gamma Irradiators.**—These devices or assemblies are used for giving radiation dose to items or products. They may be used for sterilization, food preservation, or other commercial or research purposes.

**General Medical Devices.**—These devices are used for diagnosing or treating disease. This category includes diagnostic devices such as bone mineral analyzers and portable imaging devices, and therapeutic sources and devices such as interstitial needles, therapeutic seeds, ophthalmic applicators, and remote applicators.

#### 5. Cost and Benefit of a Notification Programme

The consultants group examined data on domestic and international shipments to estimate the number of notifications that would be required each year (Pope and McClure 1986). The data indicate that approximately one million packages could be subject to a notification requirement; however, the report states that this estimate is subject to significant error. The consultants group did not have any more accurate data that would indicate the number of packages subject to the requirements proposed in this paper. The consultants group notes that, based on the information in that report, most of the notification burden would fall on Canada, the Federal Republic of Germany, the United Kingdom, Japan, France, and the United States of America. There is no available estimate on the number of States that would receive notifications or the number of notifications that would be received in any one State. A more accurate estimate of the number of packages and the cost of preparing and submitting a notification is needed to accurately calculate the cost of the programme.

The consultants group was not able to calculate the benefit of a notification programme in terms of lives saved or cleanup costs avoided. Although some information regarding benefits is available based on past events, the consultants group believes that an

estimate of the benefit of the notification programme would be speculative.

#### 6. Role of the IAEA

The Agency could provide a valuable service to Member States in the following areas:

(a) The compilation, maintenance and publication of a list of national competent authorities for the purpose of this programme.

(b) The development of a model form of notification based on the recommendations of the consultants group.

(c) The receipt and publication of statements of intent by Member States (or ratification of an agreement if one is developed).

(d) The publication of annual statistics on the performance of the notification system based on submissions by Member States.

#### 7. Recommendations

The consultants group recommends that:

(1) This report be sent to Member States for comment, and

(2) The Board of Governors be informed of comments from Member States and of any recommended action that arises from these comments.

#### 8. References

IAEA 1982. Basic Safety Standard for Radiation Protection. Vienna 1982.

IAEA 1985. Regulations for the Safe Transport of Radioactive Materials. Vienna 1985.

Pope, R.B. and McClure, J.D.—Estimated Annual Worldwide Shipments of Radioactive Material—Paper from IAEA International Symposium on the Packaging and Transport of Radioactive Materials (PATRAM 86), 16–20 June 1986. Davos, Switzerland.

#### Annex.—Elements of an Undertaking by Member States and the Agency

##### A1. Introduction

A1.1. The Measures for providing notification of the export of radioactive material presented herein are recommended for use by all Member States.

A1.2. The recommended notification measures are intended for all radioactive material packages in Appendix 1 that are presented for export.

A1.3. The recommended measures are in all cases additional to, and not a substitute for, other measures established for safety purposes for radioactive material in use, transit, and storage.

##### A2. Objectives

A2.1 The objectives of the State's export notification system should be:

(a) To establish conditions which would minimize the possibilities for unauthorized import of radioactive material, and

(b) To provide information to Member States that may assist them in the control of radioactive material.

A2.2. The objectives of the Agency are:

(a) To provide a set of recommendations on requirements for notification of the export of radioactive material. The recommendations are provided for consideration by the competent authorities in Member States. Such recommendations provide guidance but

are not mandatory upon a State and do not infringe the sovereign rights of States; and

(b) To be in a position to give advice to a State's authorities in respect of their export notification procedures at the request of the State. The form of assistance required is, however, a matter to be agreed upon between the State and the Agency.

It should be noted that the Agency has no responsibility for the provision of a State's export notification procedure. Further assistance by the Agency will be provided only when so requested by the state.

#### A3. Definitions

A3.1. *Consignment* means any package or packages, or load of radioactive material presented by a transferor for export.

A3.2. *Packaging* means the assembly of components necessary to enclose the radioactive contents completely. It may, in particular, consist of one or more receptacles, absorbent materials, spacing structures, radiation shielding, and devices for cooling, for absorbing mechanical shocks, and for thermal insulation. The packaging may be a box, drum, or similar receptacle, or may also be a freight container, or tank.

A3.3. *Radioactive material* means any material having a specific activity greater than 70 kBq/kg (2nCi/g) excluding all isotopes of uranium, thorium and plutonium but including plutonium with an isotopic concentration of plutonium-238 exceeding 80%.

A3.4. *Special form radioactive material* means either an indispersible solid non-fissile radioactive material or a sealed capsule containing radioactive material.

#### A4. Requirements for Export

A4.1. Member States should not permit the export of a consignment of radioactive material in an amount exceeding the pertinent amount of Appendix 1 or in a device or device source listed in Appendix 2 unless notification is provided to the national competent authority of the recipient.

A4.2. The notification should include all relevant information requested on the Form (Section A.5).

A4.3. Notification should not be required if no package of radioactive material exceeds the amount listed in Appendix 1 even though the total radioactivity in the consignment exceeds the amount listed in Appendix 1.

#### A5. Form 1

Notification of International Transfer of Radioactive Material

Mail this form to: [insert the appropriate office of the consignor's national competent authority]

Consignee

Name:

Shipping Address:

City:

Country:

Radioactive Materials License Number:

Consignor

Name:

Address:

City:

Country:

Radioactive Materials License Number:



Telephone Number:  
 Telex Number:  
 Planned date of export:  
 Description of radioactive material  
 Radionuclide:  
 Physical form:  
 Chemical form:  
 Special form: yes or no  
 Amount of radioactivity (1Ci=37GBq);  
 GBq  
 Description of packaging  
 Number of units in the shipment:  
 Type A packaging or Type B packaging  
 Transferor's signature:  
 Date:  
 Transferor's Name:

#### A6. Duties of the State

A6.1. States should co-operate and consult with each other and, as appropriate, with international organizations with a view to improving the ability to detect the loss or diversion of radioactive material and to recover such material.

A6.2. A State should communicate to the Director General of the International Atomic Energy Agency the laws and regulations promulgated to give effect to this document. The Agency will communicate periodically laws and regulations so provided to all States Parties to the Statute of the International Atomic Energy Agency.

A6.3. States should inform the Director General annually of the number of notifications made.

#### Appendix 1

The consultants group recommends that notification by required if a package contains more than  $10^{-2} \times A_2$ .

#### Appendix 2

##### Categories of Devices Requiring Notification

**Industrial Radiography Devices**—These devices are used for examining the structure of material by nondestructive visualization.

**Medical Teletherapy Devices**—These devices are used for treating disease with gamma radiation from a source of radiation located at a distance from the patient.

**Gamma Gauges**—These devices are used for measuring or controlling thickness, density, level, interface location, radiation leakage, or chemical composition.

**Well Logging Devices**—These devices are used for obtaining information about wells and geologic formations.

**Portable Moisture Density Gauges**—These devices are used for measuring content or density of material. They may be hand-held or dolly-transported.

**Gamma Irradiators**—These devices or assemblies are used for giving radiation dose to items or products. They may be used for sterilization, food preservation, or other commercial or research purposes.

**General Medical Devices**—These devices are used for diagnosing or treating disease. This category includes diagnostic devices such as bone mineral analyzers and portable imaging devices, and therapeutic sources and devices such as interstitial needles, therapeutic seeds, ophthalmic applicators, and remote applicators.

[FR Doc. 86-27541 Filed 12-5-86; 8:45 am]

BILLING CODE 7590-01-M

#### Dockets Nos. 50-325 and 50-324]

#### Carolina Power and Light Co.; Consideration of Issuance of Amendments to Facility Operating Licenses and Opportunity for Prior Hearing

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to Facility Operating Licenses Nos. DPR-71 and DPR-62 issued to the Carolina Power & Light Company, (the licensee), for operation of the Brunswick Steam Electric Plant, Units Nos. 1 and 2, respectively, located in Brunswick County, North Carolina.

In accordance with the licensee's application for amendments dated November 7, 1986, the amendments would modify the Technical Specifications for Brunswick Units 1 and 2 to delete from the surveillance requirements for the DC distribution system the rating of the nonsafety-related inverters that are permitted to be aligned to the Division II D.C. bus.

Prior to issuance of the proposed licenses amendments, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

By January 7, 1987, the licensee may file a request for a hearing with respect to issuance of the amendments to the subject facility operating licenses and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written petition for leave to intervene.

Request for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) The nature of the

petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendments under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Att: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, NW., Washington, DC, by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to Daniel R. Muller, Director, BWR Project Directorate #2, Division of BWR Licensing: petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of this Federal



Register notice. A copy of the petition should also be sent to the Office of the General Counsel, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and to Thomas A. Baxter, Esquire, Shaw, Pittman, Potts and Trowbridge, 1800 M Street, NW., Washington, DC, attorney for the licensee.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the presiding Atomic Safety and Licensing Board, that the petition and/or request should be granted based upon a balancing of factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendment dated November 7, 1986, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, DC, and at the University of North Carolina at Wilmington, William Madison Randall Library, 601 S. College Road, Wilmington, North Carolina 28403-3297.

Dated at Bethesda, Maryland, this 1st day of December 1986.

For The Nuclear Regulatory Commission.  
Marshall Grotenhus,

Acting Director, BWR Project Directorate #2,  
Division of BWR Licensing.

[FR Doc. 86-27539 Filed 12-5-86; 8:45 am]

BILLING CODE 7590-01-M

[Docket No. 50-482]

## Kansas Gas and Electric Co. et al.; Exemption

I.

Kansas Gas and Electric Company, Kansas City Power & Light Company, and Kansas Electric Power Cooperative, Inc. (the licensee) are the holders of Facility Operating License No. NPF-42, issued June 4, 1985, which authorizes operation of the Wolf Creek Generating Station (the facility) at steady-state reactor power levels not in excess of 3411 megawatts thermal. This license provides, among other things, that it is subject to all rules, regulations and Orders of the Commission now or hereafter in effect. The facility consists of a pressurized water reactor located in Coffey County, Kansas.

II.1

10 CFR Part 20, Appendix A, "Protection Factors for Respirators," establishes protection factors of air-purifying respirators for protection

against particulates only. Furthermore, footnote d-2(c) states, "No allowance is to be made for the use of sorbents against radioactive gases or vapors." This restriction was needed since an inadequate data base had existed for evaluating the complex interaction of many factors affecting the service life and removal efficiency of radioactive gases and vapors by sorbent canisters. Also, due to the lack of a data base, a NIOSH/MSHA certification schedule to ensure that canisters meet acceptable performance criteria has not been established.

However, 10 CFR Part 20.103(e) allows an exemption to be authorized by the Commission in lieu of a NIOSH/MSHA certification schedule based on adequate testing, material and performance characteristics. An application by a licensee for this authorization must include a demonstration by testing, or on the basis of reliable test information, that the material and performance characteristics of the equipment are capable of providing the proposed degree of protection under anticipated conditions of use. The licensee makes such an application.

By letter dated July 1, 1985, as supplemented by letters dated November 8, 1985, and May 6, 1986, the licensee requested an exemption based on 10 CFR 20.103(e) to allow the use of a protection factor of 50 when utilizing radioiodine GMR-I canisters for personnel respiratory protection during scheduled refueling outage work. The licensee cited research data, test results, test protocol and a quality assurance sampling plan that it stated satisfies the recommended qualification process of NUREG/CR-3403. The Commission staff evaluated the information provided by the licensee to support the exemption request. The Commission's safety evaluation on this matter relating to the use of a radioiodine protection factor for GMR-I canisters at Wolf Creek has been issued. The safety evaluation concludes that the licensee's proposed use of radioiodine GMR-I canisters with certain usage restrictions and controls can result in significant dose savings over alternative methods while still providing effective protection.

## III.

Accordingly, the Commission has determined that, pursuant to 10 CFR 20.501, an exemption as requested by the licensee's letter of July 1, 1985, and supplemented November 8, 1985, and May 6, 1986, is authorized by law and will not result in undue hazard to life or property. The Commission hereby grants an exemption for the restrictions of 10

CFR Part 20, Appendix A, footnote d-2(c), and authorizes the use of the GMR-I canister, with restrictions as shown in Attachment 1 to this exemption. The exemption is subject to modification by rule, regulation or Order of the Commission.

Pursuant to 10 CFR 51.32, the Commission has determined that the issuance of the exemption will have no significant impact on the environment (51 FR 42950).

This Exemption is effective upon issuance.

Dated at Bethesda, Maryland this 3d day of December 1986.

For the Nuclear Regulatory Commission.

Thomas M. Novak,

Acting Director, Division of PWR Licensing-  
A, Office of Nuclear Reactor Regulation.

## Attachment 1.—Limitations, Usage Restrictions, and Controls Applicable to the Use of GMR-1 Canister at the Wolf Creek Generating Station

1. Protection factor equal to 50 as a maximum value.
  2. The maximum permissible continuous use time is eight hours after which the canister will be discarded.
  3. Canisters are not to be used in the presence of organic solvent vapors.
  4. Canisters are to be stored in sealed, humidity barrier packaging in a cool, dry environment.<sup>1</sup>
  5. The allowable service life for sorbent canisters is to be calculated from the time of unsealing the canister, including periods of non-exposure.
  6. Canister is to be used with a full facepiece capable of providing protection factors greater than 100.
  7. Canisters are not to be used in total challenge concentrations of organic iodines and other halogenated compounds greater than 1 ppm, including nonradioactive compounds.
  8. Canisters are not to be used in environments where temperatures are greater than 120°F, or dewpoint exceeds 107°F.
- In addition to the limitations and usage restrictions noted above, the following additional controls will be utilized by the licensee:
1. Temperatures will be measured prior to and/or coincidentally with the use of GMR-I canisters to assure that work temperatures do not exceed 120°F or temperature corresponding to a dewpoint of 107°F during sorbent canister use.
  2. In the initial implementation of sorbent canister use, the following program verification measures will be used:
    - a. weekly whole body counts for individuals using the sorbent canister for radioiodine protection;
    - b. for individuals who exceed 10 MPC hours in seven consecutive days, a whole body count will be required prior to their next

<sup>1</sup> Sorbent canisters will be stored in conditions not to exceed 90°F or 70% humidity in accordance with Procedure HPH 06-XXX (currently in draft).



entry into a radioiodine atmosphere (i.e., effectively a 10 MPC hour stay time);

c. if an individual measures 70nCi or greater iodine uptake to the thyroid during a whole body count, the individual's entry into radioiodine atmospheres will be restricted pending health physics evaluation;

d. a whole body count/survey data base will be compiled to evaluate the results of the program.

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[Docket No. 50-271]

**Vermont Yankee Nuclear Power Corp.;  
Vermont Yankee Nuclear Power  
Station; Exemption**

**I.**

The Vermont Yankee Nuclear Power Corporation (VYNPC, the licensee) is the holder of Facility Operating License No. DPR-28 which authorizes operation of Vermont Yankee Nuclear Power Station. This license provides, among other things, that Vermont Yankee Nuclear Power Station is subject to all rules, regulations, and Orders of the Commission now or hereafter in effect.

The station is a boiling water reactor located at the licensee's site in Windham County, Vermont.

**II.**

On November 19, 1980, the Commission published a revised section 50.48 and a new Appendix R to 10 CFR Part 50 regarding fire protection features of nuclear power plants. The revised § 50.48 and Appendix R became effective on February 17, 1981. Section III of Appendix R contains 15 subsections, lettered A through O, each of which specified requirements for a particular aspect of the fire protection features at a nuclear power plant. One of these subsections, III.G, is the subject of the licensee's exemption requests.

Section III.G.2 of Appendix R requires that one train of cables and equipment necessary to achieve and maintain safe shutdown be maintained free of fire damage by one of the following means:

a. Separation of cables and equipment and associated nonsafety circuits of redundant trains by a fire barrier having a 3-hour rating. Structural steel forming a part of or supporting such fire barriers shall be protected to provide fire resistance equivalent to that required of the barrier.

b. Separation of cables and equipment and associated nonsafety circuits of redundant trains by a horizontal distance of more than 20 feet with no intervening combustibles or fire hazards. In addition, fire detectors and

an automatic fire suppression system shall be installed in the fire area.

c. Enclosure of cable and equipment and associated nonsafety circuits of one redundant train in a fire barrier having a 1-hour rating. In addition, fire detectors and an automatic fire suppression system shall be installed in the fire area.

In addition, section III.G.1.a of Appendix R requires that one train of cables and equipment necessary to achieve and maintain hot shutdown conditions from either the control room or emergency control stations(s) be free of fire damage.

**III.**

By letter dated April 24, 1985, the licensee requested exemptions from III.G.2 of Appendix R in 11 areas of the plant.

On July 16, 1985, the licensee met with the NRC in Bethesda and a request was made of the licensee to provide additional information. By letters dated July 26, 1985, August 2, 1985, and August 16, 1985, the licensee provided additional information and/or revisions to its submitted exemption requests. By letters dated August 2 and August 16, 1985, the licensee subsequently withdrew four exemption requests identified as numbers 3, 9, 10, and 11 and also withdrew exemption number item 8 after incorporating it into exemption number 7.

The following list of exemption requests, therefore, reflects the latest status of the exemption request from Appendix R section III.G.2 resulting from the original April 24, 1985 letter:

1. Reactor Building, Torus Area Elevations 213 feet 9 inches, and 232 feet 6 inches (Zones RB-1 and RB-2). Exemptions were requested from the specific requirements of section III.G.2.b to the extent that an automatic fire suppression system is not installed in these zones.

2. RCIC Room Elevation 213 feet 9 inches (RCIC Room Fire Area). Exemptions were requested from the specific requirement of section III.G.2.a to the extent that this area is not separated by 3-hour fire rated barriers from the areas containing redundant shutdown systems, cables, and associated circuits.

Note.—This exemption is a revised version. The original exemption request in the April 24, 1985 submittal was from the provisions of III.G.2.c.

3. Reactor Building Northeast and Southeast Corner Rooms Elevation 213 feet 9 inches to 252 feet (Zones RB-1 and RB-2). Exemptions were requested from the specific requirements of section III.G.2.b to the extent that automatic fire

suppression is not provided in the corner rooms and within the area between these rooms and the stairs at elevation 252 feet.

4. Reactor Building Northeast Corner Vital MCCs Elevation 252 feet (Zones RB-3 and RB-4). Exemptions were requested from the specific requirement of III.G.2.b to the extent that automatic fire suppression is not installed within the vital Motor Control Center (MCC) area and to the extent that 20 feet of separation without intervening combustible or fire hazard is not provided between redundant safe shutdown systems.

5. Reactor Building Northwest Corner Elevation 252 feet (Zone RB-3). Exemptions were requested from the specific requirement of III.G.2.b to the extent that redundant trains of cables and equipment are not separated by a horizontal distance of more than 20 feet free of combustibles or fire hazards.

6. Reactor Building East Side Instrument Racks Elevation 280 feet (Zones RB-5 and RB-6). Exemptions were requested from the specific requirement of III.G.2.b to the extent that automatic fire suppression systems are not installed throughout the area. In addition, by letter dated October 31, 1985, the licensee requested two exemptions from III.G.1.a of Appendix R. Because section II G.1.a does not allow for repairs in order to achieve and maintain hot shutdown, the exemption request involved allowing the operators to perform the following repairs:

1. Rearranging electrical leads to connect a back-up battery charger in the event a fire in the cable vault disables the operating battery charger; and

2. Replacing fuses that could be blown due to a fire in the cable spreading area.

By letter dated August 15, 1986, the licensee provided information relevant to the "special circumstances" finding required by revised 10 CFR 50.12(a) (50 FR 50764) for the licensee's April 24, 1985 request. The licensee stated that existing and proposed fire protection features at Vermont Yankee accomplish the underlying purpose of the rule. Implementing additional modifications to provide additional suppression systems, detection systems, and fire barriers would require the expenditure of engineering and construction resources as well as the associated capital costs which would represent an unwarranted burden on the licensee's resources. The licensee stated that the costs to be incurred are as follows:

- Engineering and installation of additional piping, sprinkler heads, and supporting structures.



- Engineering and installation of fire barriers, supports, support protection, and ongoing maintenance.
- Rerouting of power and control cables, and associated conduits, and supports.
- Increased surveillance on new or extended fire suppression and fire detection systems.
- Increased congestion in numerous plant locations complicating future plant modifications/operation.

Also by letter dated June 10, 1986, the licensee provided information relevant to the "special circumstances" finding required by revised 10 CFR 50.12(a) (50 FR 50764) for the licensee's October 31, 1985 request. The licensee stated that existing and proposed fire protection features at Vermont Yankee accomplish the underlying purpose of the rule. Implementing additional modifications to provide additional suppression systems, detection systems, and fire barriers would require the expenditure of engineering and construction resources as well as the associated capital costs which would represent an unwarranted burden on the licensee's resources. The licensee stated that the costs to be incurred are as follows:

- Engineering of additional power and control circuits and the analysis and design of associated equipment supports.
- Significant additions and routing of power and control cables, associated conduits, and supports.
- Increased congestion in numerous plant locations complicating plant modification and operation.

The licensee stated that in both instances the costs are significantly in excess of those required to meet the underlying purpose of the rule. The staff concludes that "special circumstances" exist for the licensee's requested exemptions in that application of the regulation in these particular circumstances is not necessary to achieve the underlying purpose of Appendix R to CFR Part 50. See 10 CFR 50.12(a)(2)(ii).

The licensee requested an exemption from Section III.G.2.b. to the extent that it requires installation of an automatic fire suppression system in Fire Zones RB-1 and RB-2 (Reactor Building, Torus Area Elevation 213 feet 9 inches), Fire Zones RB-1 and RB-2 (Reactor Building Northeast and Southeast Corner Rooms Elevation 213 feet 9 inches to 252 feet), and Fire Zones RB-5 and RB-6 (Reactor Building East and West Side Instrument Racks Elevation 280 feet).

For Fire Zones RB-1 and RB-2, the existing fire protection includes smoke detection, fire extinguishers, and manual hose stations. All redundant safe

shutdown systems are separated by 20 feet with no intervening combustibles located within the spatial separation. The licensee proposes to provide fire stopping for the cable trays to create a 20-foot separation zone in the northwest quadrant and providing the dc power feed from the alternative shutdown battery with a 3-hour fire barrier. This fire-stopped separation zone precludes the direct propagation of a fire from zone RB-1 and RB-2 and vice versa. The licensee committed to provide fire detections on elevation 252 feet for both zones.

The existing fire protection for fire zones RB-5 and RB-6 is in the form of fire extinguishers, fire detection in the MG set area, manual hose stations, and an automatic foam fire suppression system for the Motor Generator (MG) set. The separation between the racks is 30 feet with a low fire load (6,100 Btu per square feet excluding the MG set area fire load). The licensee proposes to create 20-foot separation zones by fire stopping cable trays. These separation zones will be from the concrete shield wall to the edge of the MG set area berm and from the concrete shield wall to the reactor building wall on the west side. The licensee has committed to install early warning fire detectors on the ceiling within the 20-foot separation zones just described.

The staff's principal concern with the level of fire protection in these locations was that because of the absence of an area-wide automatic fire suppression system, a fire of significant magnitude could develop and damage redundant shutdown-related systems. However, the fire load in these locations is low. If a fire were to occur, the staff anticipates that it would develop slowly, with initially low heat release and slow room temperature rise. The NG set fire hazard is protected by early warning fire detection and an automatic fire suppression system. Because of the presence of the early warning fire detection systems, the fire would be detected in its incipient stages. The alarms from these detectors are announced in the control room. The fire brigade would then be dispatched and would extinguish the fire manually. Until the fire was extinguished, the 20 feet of spatial separation between the redundant shutdown-related systems will provide sufficient passive protection to provide reasonable assurance that one shutdown division would remain free of fire damage.

Based on the above evaluation, the staff concludes that the existing fire protection combined with proposed fire protection measures in the above zones provides a level of fire protection

equivalent to the technical requirements of section III.G.2.b of Appendix R.

The licensee also requested an exemption from section III.G.2.a. to the extent that it requires 3-hour fire rated barrier between redundant trains of safe shutdown equipment for the RCIC room fire area.

The RCIC room contains the Reactor Core Isolation Cooling System (RCIC) and the alternative safe shutdown panel. The RCIC room contains only division II shutdown cables. The room directly above is part of fire zone RB-1 and contains division I and II cables.

The existing fire protection in the RCIC room consists of 3-hour fire rated barriers forming the walls, floor, ceiling, and penetration seals. The exception to this is the steel plate stairway enclosure, equipment hatch, and the steel security door to the torus area. Fire detection exists in the RCIC room and both fire detection and fire suppression systems exist in the torus area adjacent to the RCIC room. Manual hose stations and fire extinguishers are available to the area. Finally, this room is accessible by the fire brigade from two separate access entry points. The licensee has committed to provide fire stopping in the torus area cable trays directly outside and near the steel security door to the RCIC room.

The staff's principal concern in the RCIC room was that because of the absence of a 3-hour fire rated barrier, a fire of significant magnitude could develop and damage safe shutdown cables. However, there is no significant fire load on the floor area and the cable fire load is low (less than 20-minute severity). If a fire were to occur, then the staff anticipates that it would develop slowly, with initially a low heat release and slow area temperature rise. The floor, walls, ceiling, and penetrations are 3-hour fire rated barriers. However, the stairway enclosure, a hatch cover, and the security door to the torus area are constructed of steel. This steel construction is substantial since it was designed for a high energy steam line break. Because of the presence of the early warning fire detection system, the fire would be detected in its incipient stages. The alarms from these detectors are announced in the control room. The fire brigade would then be dispatched and would extinguish the fire. Until the fire was put out, the steel barriers between the RCIC room and the upper room/torus area would provide sufficient passive protection to provide reasonable assurance that one division would remain free of fire damage. The staff finds that the provision of a complete 3-hour fire rated barrier would



not significantly increase the level of fire protection in this zone.

Based on the above evaluation, the staff concludes that the existing and the proposed fire protection measures in the area (cable tray fire stops) provide a level of fire protection equivalent to the technical requirements of section III.G.2a of Appendix R.

The licensee also requested an exemption from section III.G.2.b to the extent that it requires the installation of an automatic fire suppression system in the area and to the extent that it requires 20 feet of separation free of intervening combustibles for fire zones RB-3 and RB-4 (Reactor Building northwest corner).

The existing fire protection in these zones is in the form of the fire extinguishers, manual hose stations, and a radiant energy heat shield installed between MCC 89A and MCC 89B. This noncombustible shield is 14 feet high and extends out from the wall by 4 feet. Also, fire stops have been installed in all conduits that span the separation zone between the redundant MCCs. The licensee committed to install an early warning fire detection system in the separation zones and over the MCCs. Also, the licensee committed to install 20-foot-wide fire stops in all cable trays that cross from fire zones RB-3 and RB-4. This separation zone would prevent fire propagation from one fire zone to the other. Finally, in the northwest sector of RB-3, a partial area sprinkler system has been installed in the separation zone. The licensee also committed to install a 1-hour fire rated barrier for cables in raceways required for safe shutdown that pass through any of the two separation zones.

Because the fire load in these locations is low, the staff expects that if a fire were to occur, then it would develop slowly, with initially low heat release and slow room temperature rise. Because of the presence of the early warning fire detection systems, the fire would be detected in its incipient stages. The fire brigade would then be dispatched and would extinguish the fire manually. Until the fire was extinguished, the 20 feet of spatial separation between the redundant shutdown-related systems would provide sufficient passive protection to provide reasonable assurance that one shutdown division would remain free of fire damage.

Where redundant safe shutdown cables are routed through separation zones, they will be provided with a 1-hour fire rated barrier. Finally, in the northwest corner of Fire Zone RB-3, there is a partial area sprinkler system. The staff finds that the installation of an

area wide automatic fire suppression system would not significantly increase the level of fire protection in these zones.

Based on the above evaluation, the staff concludes that the existing fire protection combined with the proposed fire protection measures in Fire Zones RB-3 and RB-4 provides a level of fire protection equivalent to the technical requirements of section III.G.2.b of Appendix R.

The licensee also requested an exemption from section III.G.2.b to the extent that it requires 20 feet of separation free of intervening combustibles in Fire Zone RB-3 (Reactor Building Northwest Corner Elevation 252 feet).

The existing fire protection is in the form of fire extinguishers and manual hose stations on an area wide basis. Fire stops have been installed on all cable trays that span the separation zone in the northwest corner. The licensee has provided an early warning fire detection system in the separation zone containing the cables in question. Also, a preaction sprinkler system has been installed beneath the lowest level of cable trays and above the top trays throughout the corner area. The licensee has committed to provide a 1-hour fire rated barrier for cables in raceways required for safe shutdown that pass through the separation zone in the northwest corner of Fire Zone RB-3.

The safe shutdown systems that exist within Fire Zone RB-3 include MCCs and cables. The issue of redundant MCCs in the northeast corner is addressed above.

The staff's principal concern with the level of fire protection in the northwest corner of Fire Zone RB-3 was that because of the absence of a 20-foot separation free of intervening combustibles, a fire of significant magnitude could develop and damage redundant safe shutdown cables. However, there is no significant fire load on the floor area and the cable fire load is low. If a fire were to occur then the staff expects that it would develop slowly, with initially a low heat release and slow area temperature rise. Because of the presence of the early warning fire detection system, the fire would be detected in its incipient stages. The fire brigade would then be dispatched and would extinguish the fire. Until the fire is put out, the 18 feet of spatial separation between the cable trays in question would provide sufficient passive protection to provide us with reasonable assurance that one division would remain free fire damage. Another major factor that reduces the fire risk in this zone is that redundant cable trays

are well separated after diverging from the one point where 18 feet of separation exists. The staff finds that the provision of 20-foot separation free of all intervening combustibles would not significantly increase the level of fire protection in this zone.

Based on the above evaluation, the staff concludes that the existing fire protection combined with the proposed fire protection measures in the above area of Fire Zone RB-3 provides a level of fire protection equivalent to the technical requirements of section III.G.2.b of Appendix R.

The licensee also requested exemptions from section III.G.1.a of Appendix R to allow operators to perform certain repairs in order to achieve and maintain hot shutdown. These exemption requests are to allow the operators to connect a spare battery charger to the batteries in the event of a fire in the cable vault, and to replace fuses following a fire in the cable spreading area. The repairs are simple and can be completed quickly with materials that are readily available following acceptable procedures.

The batteries associated with the battery charger, which carry post-fire loads, would not be discharged before 24 hours. Since the battery charger is not required to be functional for 24 hours and the repairs involved in aligning the back-up battery charger are routine, the staff concludes that operator action to connect a back-up battery charger is acceptable.

The fuse replacement repair involves components in the Reactor Core Isolation Cooling System and the Residual Heat Removal System. The RCIC System is required to be operational within 43 minutes of reactor scram, and the RHR System is required to be operational within 3 hours of reactor scram. In either case it is unlikely that all fuses would be damaged, however, in either case, all fuses could be replaced in less than 20 minutes, two sets of spare fuses are readily available at the locations needed. Based on the proximity of the fuse replacement locations and the adequacy of licensee preparations for possible fuse replacement, the staff concludes that fuse replacement is an acceptable repair.

A more detailed analysis of each exemption request is contained in the staff's concurrently issued Safety Evaluation.

#### IV.

Accordingly, the Commission has determined that, pursuant to 10 CFR 50.12(a), (1) these exemptions as



described in section III are authorized by law and will not present an undue risk to the public health and safety, and are consistent with common defense and security and (2) special circumstances are present for the exemptions in that application of the regulation in these particular circumstances is not necessary to achieve the underlying purposes of Appendix R to 10 CFR Part 50. Therefore, the Commission hereby grants the following exemptions from the requirements of section III.G of Appendix R to 10 CFR Part 50:

1. Reactor Building Torus Area Elevations 213 feet-9 inches and 232 feet-6 inches (fire zones RB-1 and RB-2) to the extent that an automatic fire suppression system is not installed in the zones pursuant to III.G.2.b.

2. RCIC Room Elevations 213 feet-9 inches (RCIC Room Fire Area) to the extent that this area is not separated by 3-hour fire rated barriers from the areas containing redundant shutdown system equipment, cables, and associated circuits pursuant to III.G.2.a.

3. Reactor Building Northeast and Southeast Corner Rooms Elevations 213 feet 9 inches through 252 feet (Fire Zones RB-1 and RB-2) to the extent that automatic fire suppression systems are not installed within the corner rooms and within the area between the stairs at Elevation 252 feet and the corner rooms pursuant to III.G.2.b.

4. Reactor Building Northeast Corner Vital MCCs Elevations 252 feet (Fire Zones RB-3 and RB-4) to the extent that automatic fire suppression is not installed in the vital MCC area and to the extent that 20 feet of separation without intervening combustibles is not provided between redundant safe shutdown systems pursuant to III.G.2.b.

5. Reactor Building Northwest Corner Elevation 252 feet (Fire Zone RB-3) to the extent that 20 feet of separation is not provided between redundant safe shutdown systems pursuant to III.G.2.b.

6. Reactor Building East Side Instrument Racks Elevation 280 feet (Fire Zones RB-5 and RB-6) to the extent that an automatic fire suppression system is not installed in the zones pursuant to III.G.2.b.

7. To the extent that rearranging electrical leads to connect a back-up battery charger in the event a fire in the cable vault disables the operating battery charger be permitted in order to achieve and to maintain hot shutdown conditions pursuant to III.G.1.a.

8. To the extent that replacing fuses that could be blown due to a fire in the cable spreading area be permitted in order to achieve and to maintain hot

shutdown conditions pursuant to III.G.1.a.

Pursuant to 10 CFR 51.32, the Commission has determined that the granting of these exemptions will have no significant impact on the environment (51 FR 43254).

A copy of the concurrently issued Safety Evaluation related to this action is available for public inspection at the Commission's Public Document Room, 1717 H Street NW., Washington, DC and at the local public document room located at Brooks Memorial Library, 224 Main Street, Brattleboro, Vermont.

A copy may be obtained upon written request addressed to the U.S. Nuclear Regulatory Commission, Washington, DC 20555, Attention: Director, Division of BWR Licensing.

This Exemption is effective upon issuance.

Dated at Bethesda, Maryland this 1st day of December 1986.

For The Nuclear Regulatory Commission.

Robert M. Bernero,

Director, Division of BWR Licensing, Office of Nuclear Reactor Regulation.

[FR Doc. 86-27542 Filed 12-5-86; 8:45 am]

BILLING CODE 7590-01-M

[Docket No. 50-320]

#### Meeting of the Advisory Panel for the Decontamination of Three Mile Island, Unit 2, GPU Nuclear Corp.

Notice is hereby given pursuant to the Federal Advisory Committee Act that the Advisory Panel for the Decontamination of Three Mile Island Unit 2 (TMI-2) will be meeting on December 10, 1986, from 7:00 p.m. to 10:00 p.m. at the Holiday Inn, 23 S. Second Street, Harrisburg, Pennsylvania. The meeting will be open to the public.

At this meeting, the Panel will receive a briefing from the licensee, General Public Utilities Nuclear Corporation, on their recent proposal for the Post-defueling Monitored Storage of TMI-2. Members of the public will be given the opportunity to address the Panel.

Further information on the meeting may be obtained from Dr. Michael T. Masnik, Three Mile Island Cleanup Project Directorate, U.S. Nuclear Regulatory Commission, Washington, DC 20555, telephone: 301/492-7743.

Dated at Bethesda, Maryland, this 3rd day of December 1986.

For the Nuclear Regulatory Commission.

John C. Hoyle,

Advisory Committee Management Officer.

[FR Doc. 86-27609 Filed 12-5-86; 8:45 am]

BILLING CODE 7590-01-M

#### OFFICE OF THE UNITED STATES TRADE REPRESENTATIVE

#### Generalized System of Preferences (GSP); Publication of the Proposed Conversion of the GSP Program to the Harmonized System Tariff Nomenclature

##### Summary

The purpose of this notice is to announce the initiation of a review of the proposed conversion of the Generalized System of Preferences (GSP) program to the Harmonized System tariff nomenclature. The GSP offers preferential duty-free entry to certain products identified in the Tariff Schedules of the United States (TSUS) from 141 designated beneficiary developing countries and territories. The program was instituted on January 1, 1976, and was authorized under the Trade Act of 1974 (19 U.S.C. 2461-2465) for a ten-year period. The program was renewed through July 4, 1993 by the Trade and Tariff Act of 1984.

The Harmonized System tariff nomenclature is a new international product nomenclature developed under the auspices of the Customs Cooperation Council (CCC) for the purpose of classifying goods in international trade. The Harmonized System is expected to be implemented by the United States and internationally on January 1, 1988, and will replace the current TSUS.

Product eligibility under the GSP program is currently defined in terms of the five-digit TSUS classifications. Therefore, to implement the new Harmonized System tariff nomenclature effective January 1, 1988, the description of each GSP-eligible article must be converted from the current TSUS nomenclature to the Harmonized System tariff nomenclature. As part of that conversion process, the Trade Policy Staff Committee (TPSC) is publishing for public comment a proposed conversion of GSP-eligible items to the Harmonized System tariff nomenclature.

#### The Harmonized System Tariff Nomenclature

The Harmonized System is a new international product nomenclature which has been developed under the auspices of the Customs Cooperation Council (CCC) and will be used on an international basis in the classification, description, and coding of goods for customs purposes, for the collection of statistical data on imports and exports and for the documentation of transactions in international trade. The Harmonized System will be



implemented by way of an international convention that obligates Contracting Parties to use the six-digit Harmonized System nomenclature as the basis for their national customs tariff and statistical nomenclature for imports and exports.

The United States participated in the technical work of developing the Harmonized System in accordance with section 608(c) of the Trade Act of 1974. The United States and many other countries plan to implement the Harmonized System on January 1, 1988. Under the Harmonized System, international trade will be conducted under a common scheme for the description and coding of goods for customs purposes and the gathering of statistical data on exports and imports, as opposed to the numerous and diverse national tariff nomenclature systems now operating. The United States will set tariffs at the eight-digit level.

#### **The Harmonized System and the GSP Program**

Under the current TSUS, there are approximately 3,000 five-digit tariff schedule items, each encompassing one or more products, that are eligible for the GSP program. Because the entire TSUS is expected to be replaced by the Harmonized System effective January 1, 1988, these descriptions of GSP-eligible items must be replaced by descriptions of GSP eligibility stated in terms of the new Harmonized System tariff nomenclature.

#### **The Conversion of the GSP Program to the Harmonized System**

The TSUS and the Harmonized System are very different. For instance, products in a GSP-eligible TSUS item may be classified in several different Harmonized System subheadings. Notwithstanding these differences, the overall goal of converting the GSP program to the Harmonized System is that the conversion should be as "trade neutral" as possible. In other words, within the limits of sound nomenclature principles, products that are GSP-eligible should remain GSP-eligible and products that are not GSP-eligible should remain ineligible.

A proposed new tariff schedule based on the Harmonized System tariff nomenclature has been approved by the TPSC and is now available for public inspection and comment. This document (known as the October, 1986 Conversion of the TSUS into the Harmonized System, Revised) is available from the United States International Trade Commission (USITC) in Washington, D.C. and Commerce Department District Offices. In addition, a concordance and

statistical documentation on proposed GSP-eligible articles in the new TSUS based on the Harmonized System and an explanatory note to facilitate an understanding of the documentation are available for review at the USITC in Washington, D.C., at certain U.S. Commerce Department District Offices around the United States and for purchase from the National Technical Information Service (NTIS). The addresses and phone numbers of the USITC, U.S. Department of Commerce District Offices and NTIS are located in the Annex 1 of this notice.

Development of the proposed conversion involved an analysis of GSP-eligible products in the current TSUS and their likely classification or subheading in the new Harmonized System. In most cases, it was found that Harmonized System subheadings involving trade currently in GSP-eligible TSUS items did not involve any trade currently classified in non-GSP-eligible items. However, in some cases it was found that currently GSP-eligible products are mixed with non-GSP-eligible products in a Harmonized System tariff nomenclature subheading. In these cases, judgments had to be made as to the appropriate disposition of the relevant products with respect to the GSP program. The TPSC made every effort, including the creation of new tariff subheadings, to carry over unchanged into the Harmonized System current GSP product coverage, wherever possible.

The proposed conversion does not attempt to address country ineligibility due to competitive need limits or the President's policy of discretionary graduation. Decisions on competitive need limits cannot be made until trade data for 1986 have been received and converted from the TSUS format to that of the Harmonized System. However, as described below, data will be made available based on earlier years for parties wishing to estimate what products/countries might be subject to competitive need limits. No judgments on how to carry over country ineligibility due to the President's policy of discretionary graduation to the Harmonized System will be made until advice has been received through this review.

Prior to the implementation of the Harmonized System on January 1, 1988 the final version of the new TSUS based on the Harmonized System tariff nomenclature will be published. Included in the new TSUS, as is the case in the current TSUS, will be certain articles identified as GSP-eligible. In preparing their final recommendations to the President on the disposition of

GSP-eligible articles in the new TSUS, the TPSC will take into account those comments received during the public comment period and advice from the U.S. International Trade Commission.

#### **Comments**

In keeping with the overall goal of accomplishing as "trade neutral" a conversion of the GSP program to the new Harmonized System tariff nomenclature as possible, public comments are invited on the proposed conversion. Comments from interested parties should address apparent changes in the status of particular products with respect to their GSP eligibility. This would include instances where articles are GSP eligible or ineligible but as a result of the proposed conversion to the Harmonized System this would apparently no longer be the case. Comments on apparent changes in GSP country eligibility or ineligibility for products as a result of the classification of articles in the proposed Harmonized System and its impact on the application of competitive need limits are also welcome. Advice is invited on the conversion of country and product ineligibility resulting from the President's policy of discretionary graduation to the Harmonized System.

Advice is also invited on the conversion of the results of the General Review in terms of findings of "sufficient competitiveness" and the granting of competitive need waivers under the Harmonized System. Decisions on the General Review will be announced by January 4, 1987. Parties wishing to request the addition of products not currently eligible, the removal of products currently eligible from the program or the product-specific graduation of countries should reserve such requests for the GSP annual reviews. The next annual review will commence on June 1, 1987, with the deadline for the acceptance of petitions requesting modifications in the GSP program.

To facilitate constructive public review and comment on the proposed conversion, supporting documentation is available. The documentation comprises a concordance of proposed GSP-eligible Harmonized System tariff schedule subheadings to the current TSUS, a concordance of GSP related TSUS items, including all currently GSP eligible items, to the Harmonized System tariff nomenclature and estimates of bilateral and world import data under the Harmonized System GSP items. This documentation is designed to aid interested parties in making informed judgements as to where products of



particular interest in the current TSUS will likely be classified in the Harmonized System and their proposed disposition with respect to the GSP program. The accompanying import data are intended to provide an estimate of the likely import values in tariff schedule categories on a global and bilateral basis, for the years 1981 through 1983, if the Harmonized System tariff nomenclature had been implemented by the United States. An explanatory note accompanies the documentation to help answer questions that may arise as to its interpretation.

#### Submission of Written Comments

All written comments with regard to the proposed conversion of the GSP program to the Harmonized System should be addressed to: GSP Subcommittee, Office of the United States Trade Representative, Room 517, 600 17th Street, NW., Washington, DC 20506. Written comments will be accepted if submitted in twenty copies in English. If the comments contain business confidential information, twenty copies of a non-confidential version of the comments along with twelve copies of the confidential version must be submitted. A justification as to why the information contained in the submission should be treated confidentially must be included in the submission. In addition, the submission containing confidential information should be clearly marked "confidential" at the top and bottom of each and every page of the submission. The version that does not contain business confidential information (the public version) should also be clearly marked at the top and bottom of each and every page "public version" or "non-confidential."

#### Deadline for Receipt of Written Comments and Rebuttal Period

All written comments must be received no later than close of business, Monday, March 16, 1987, by the GSP Subcommittee at the address listed above. Rebuttal comments must be received by no later than close of business, Monday, May 11, 1987 by the GSP Subcommittee at the address listed above. Comments should identify the party or parties commenting, provide a detailed description of the product or products of concern (including the proposed Harmonized System subheading and the current TSUS category) the party's interest in the product, and detailed information on the impact of the change of particular concern.

Written comments submitted in connection with the conversion of the GSP program to the Harmonized System will be subject to public inspection by

appointment only with the staff of the GSP Information Center, except for information granted "business confidential" status pursuant to 15 CFR 2003.6 and 15 CFR 2006.10. The GSP Information Center is located in the Office of the United States Trade Representative at the address listed above. The GSP Information Center can be contacted at (202) 395-6971.

#### The Availability of Documentation

The documentation discussed above in the section entitled "Comments" is available for review at a number of locations, both in Washington, DC and around the United States in certain U.S. Commerce Department District Offices. As noted above in the section entitled "Comments," the documentation includes an explanatory note to help answer questions that may arise in a review of the documentation. Those locations which have the documentation should be contacted with requests to review the documentation during normal business hours. The addresses and phone numbers of those locations which have the documentation and the proposed TSUS based on the Harmonized System available for review are located in Annex 1 of this notice. In addition, the supporting documentation in hard copy and microfiche form will be available for purchase from the National Technical Information Service (NTIS) in Springfield, Virginia. The office and phone number to be contacted concerning the purchase of the documentation is listed in Annex 1.

#### Additional Information

Questions concerning: (1) The classification of an article or articles in the Harmonized System tariff nomenclature or any other questions concerning the classification of articles, or (2) questions involving the interpretation of the documentation available, should be addressed to following at the United States International Trade Commission, Office of Tariff Affairs and Trade Agreements: Janis Summers for General

Documentation: (202) 523-0326  
 Ronald Heller for Harmonized System (HS) Chapters 1-24 and 44-49: (202) 523-0206  
 David Beck for HS Chapters 25, 27-40 and 65-71: (202) 523-0325  
 Larry DiRicco for HS Chapters 26, 64, 72-83 and 86-89: (202) 523-4953  
 Thomas Divers for HS Chapters 41-43, 61-63 and 93-97: (202) 523-5698  
 Larry Clayton for HS Chapters 50-60: (202) 523-0239  
 Craig Houser for HS Chapters 84, 85, 90-92, 98 and 99: (202) 523-0197

Questions concerning the possible classification of an article or articles in the Harmonized System tariff nomenclature or the current TSUS can also be addressed to the Classification and Value Division, Office of Regulations and Rulings, U.S. Customs Service at (202) 566-5868.

All other questions can be directed to the GSP Information Center, Office of the United States Trade Representative at (202) 395-6971.

#### Advice of the United States International Trade Commission (USITC)

The USITC in the near future will be asked to conduct an investigation and provide its advice on the probable economic effects of the conversion of the GSP program to the Harmonized System tariff nomenclature on United States industries producing like or directly competitive articles and on consumers.

Donald M. Phillips,  
 Chairman, Trade Policy Staff Committee.

#### Annex 1

##### Commerce Department District Offices:

- Atlanta, Georgia, Suite 504, 1365 Peachtree Street, NE., 30309, (404) 881-7000.
- Boston, Massachusetts, World Trade Center, Boston Commonwealth Pier, Suite 307, 02210, (617) 223-2312.
- Chicago, Illinois, Room 1406, Mid-Continental Plaza Building, 55 East Monroe Street, 60603, (312) 353-4450.
- Dallas, Texas, Room 7A5, 1100 Commerce Street, 75242, (214) 767-0542.
- Denver, Colorado, Room 119, U.S. Customhouse, 721 19th Street, 80202, (303) 844-3246.
- Detroit, Michigan, 1140 McNamara Building, 477 Michigan Ave., 48226, (313) 226-3650.
- Houston, Texas, 2625 Federal Courthouse & Federal Building, 515 Rusk Street, 77002, (713) 229-2578.
- Kansas City, Missouri, Room 635 601 East 12th Street, 64106, (816) 374-3142.
- Los Angeles, California, Room 800, 11777 San Vicente Blvd., 90049, (213) 209-6707.
- Miami, Florida, Suite 224, Federal Building, 51 S.W. First Avenue, 33130, (305) 350-5267.
- New York, New York, Room 3718, Federal Office Building, 26 Federal Plaza, Foley Square, 10278, (212) 264-0634.
- Portland, Oregon, Room 618, 1220 S.W. 3rd Avenue, 97204, (513) 221-3001.
- San Francisco, California, Room 15205 Federal Building, Box 36013, 450 Golden Gate Ave., 94102, (415) 556-5860.
- Seattle, Washington, 706 Lake Union Building, 1700 Westlake Ave., North, 98109, (206) 442-5616.

##### National Technical Information Service office for purchase of documentation:

Document Sales, National Technical Information Service (NTIS), 5185 Port Royal



Road, Springfield, Virginia 22161, (703) 487-4650.

When ordering documentation ask for: PB87-122180, GSP-HS Conversion Documentation.

Office at the U.S. International Trade Commission where explanatory documentation can be reviewed:

Office of the Secretary, Room 156, U.S. International Trade Commission, 701 E. Street, NW, Washington, DC 20437, (202) 523-0125.

[FR Doc. 86-27431 Filed 12-5-86; 8:45 am]

BILLING CODE 3190-01-M

### Trade Policy Staff Committee; Generalized System of Preferences (GSP) Subcommittee Notice of Results of Expedited Review of Portable Electric Heaters

This publication provides the disposition of the expedited review of portable electric heaters (TSUS 684.40) under the Generalized System of Preferences (GSP) initiated by the Trade Policy Staff Committee on May 15, 1986. The GSP is provided for in the Trade Act of 1974, as amended (19 U.S.C. 2461-2465).

On November 21, 1986 the President denied the request of Patton Electric Company to graduate Hong Kong, Korea, and Taiwan from GSP eligibility with respect to portable electric heaters.

Donald M. Phillips,

Chairman, Trade Policy Staff Committee.

[FR Doc. 86-27432 Filed 12-5-86; 8:45am]

BILLING CODE 3190-01-M

### PHYSICIAN PAYMENT REVIEW COMMISSION

#### Commission Meeting

**AGENCY:** Physician Payment Review Commission.

**ACTION:** Notice of meeting.

**SUMMARY:** The Commission will hold a public meeting on December 11-12, 1986 in Room A703 of the Hubert H. Humphrey Building, 200 Independence Ave. SW., Washington, DC. Each day's meeting will begin at 9:00 a.m. The Commission was established by section 9305 of Pub. L. 99-272.

**ADDRESSES:** The Commission's office in the Mary E. Switzer Building, 330 C Street, SW., Washington, DC 20201 in Suite 7033. Its telephone number is 202/472-1364.

**FOR FURTHER INFORMATION CONTACT:** Lauren LeRoy, Deputy Director for Management and External Relations, 202/472-1364.

**SUPPLEMENTARY INFORMATION:** The following is the meeting agenda:

#### Thursday December 11, 1986

- 9:00-9:30 Origins of Usual, Customary and Reasonable (UCR)—Lawrence Morris, Blue Cross/Blue Shield Association
- 9:30-10:00 The Budget Process and Medicare Physician Payment—Wendell Primus, Committee on Ways and Means, U.S. House of Representatives
- 10:00-10:30 MEI—Peter McMenamin, Consultant to the Commission
- 10:30-11:00 Medicare Data—Peter McMenamin, Consultant to the Commission
- 11:00-12:30 Coding—William Felts, M.D., George Washington University Medical Center, Howard West, Mandex, Inc.
- 12:30-1:30 Lunch (Executive Session)
- 1:30-2:30 Administration—William Keller, Pennsylvania Blue Shield, Carol Wealton, Office of Program Operations, Health Care Financing Administration
- 2:30-3:30 Methods for Determining Relative Values—Robert Berenson, M.D., Consultant to the Commission and Jack Hadley, Georgetown University Health Policy Center
- 3:30-4:30 Inherent Reasonableness—Tery Hammons, M.D., Commission Staff
- 4:30-5:00 Wrap Up

#### Friday, December 12, 1986

- 9:00-9:30 Origins of Medicare's Physician Payment System—Robert Ball, Former Commissioner of Social Security
- 9:30-10:15 Variation in Physician Payments by Geographic Location—David Juba, Commission Staff
- 10:15-11:15 The Participating Physician Program—Ira Burney, Office Legislation and Policy, Health Care Financing Administration
- 11:15-11:45 Federally Sponsored Research on Physician Payment—George Greenberg, Office of the Assistant Secretary for Planning and Evaluation, HHS, Stephen Jencks, Office of Research, Health Care Financing Administration
- 11:45-12:30 Public Comments
- 12:30-1:30 Lunch (Executive Session)
- 1:30-3:00 Discussion

Paul B. Ginsburg,

Executive Director.

[FR Doc. 86-27545 Filed 12-5-86; 8:45 am]

BILLING CODE 6820-SE-M

### POSTAL RATE COMMISSION

[Docket Nos. C86-2, MC87-2; Order No. 724]

### Complaint of the Sacramento Bee, et al.; Order Denying Motion To Dismiss and Establishing Proceeding

Issued: December 2, 1986.

Before Commissioners: Janet D. Steiger, Chairman; Bonnie Guiton, Vice-Chairman; John W. Crutcher; Henry R. Folsom; Patti Birge Tyson.

#### Background

This Order disposes of a Motion to Dismiss filed by the United States Postal Service on September 22, 1986. The complainants answered on October 1, 1986, raising some new matters; and the Service responded to the Answer on October 20, 1986 and in comments pursuant to our Order No. 713 (October 10, 1986). Pleadings supporting the Motion to Dismiss have been filed by Advo-System, Inc. (Answer, October 2, 1986; Comments in Response to Commission Order No. 713, November 5, 1986) and Third Class Mail Association (TCMA) (Comments, October 2 and November 5, 1986). The Office of the Consumer Advocate contributed comments in response to Order No. 713. We deny the motion to dismiss, and establish classification proceedings to explore the Plus publication issue more broadly than would otherwise be possible. However, we exclude from consideration the legality of the Service's rules.

The Service argues for dismissal of this section 3662 complaint on two main grounds: Mootness and lack of entitlement to any relief. The second ground applies to both the interim and final versions<sup>1</sup> of the Postal Service rule underlying the dispute. We discuss it first.

*Arguments concerning the merits.* The Service's basic argument is that the complainant newspapers are, as a matter of law, entitled to no relief against either the interim or the final rule. It says that the (third-class) rates it is charging the particular issues in question do not fail to "conform to the policies set out in [Title 39, U.S.C.]." Since under section 3662, a complaint lies against rates which do not conform to those policies, the Service urges that the complainants have no basis to ask

<sup>1</sup> The interim rule appeared at 52 FR 25525 (July 25, 1986); the substantially altered final rule, at 51 FR 33608 (September 22, 1986). Complainants allege that both versions affect "Plus Issues" which they believe they are entitled to mail at second-class rates.



relief from the Commission, which therefore may not find the complaint "justified" under that section. Postal Service Response, at 2-7; see also *Advo* Answer, at 1-3. The Plus Issues in question here, it is argued, are similar to those affected by our *Advo* decision (Docket No. 85-1). The Service argues that in *Advo* we concluded—

... that the policies of Title 39 require that Plus publications be treated as separate publications for purposes of determining eligibility to mail at second-class rates, and that they therefore must qualify independently for second-class entry ... The Commission states further that this finding was not confined to Plus publications by daily newspapers, but would apply as well to "publications having the characteristics of Plus publications [which are] entered as second class on days not used for publishing by newspapers which do not publish on a daily basis." Postal Service Response, at 4. The Service says that the current complainants are seeking to enter the same kind of Plus Issues; they simply are not publishing them on the same day as another issue. It concludes that they are therefore not entitled to second-class entry, despite the publishers' "creation of cosmetic artifice which enables them to claim that their Plus publications are not published on the same day as a regular issue ...". *Id.*, at 6-7.

Closely related is the Service's defense of its rule (Domestic Mail Manual section 425.226, in both interim and final versions). It argues that if complainants are not entitled to second-class rates for their Plus Issues (for reasons just outlined), then even if there were some infirmity in the rule the complaint would lack merit. However, it goes on to defend the rule. In particular, it argues that the provisions we recommended and the Governors adopted in Docket C85-1 was not "a reclassification which substantively changed the nature of second-class mail or the identity of second-class mailers" (Response, at 7-8). Instead, this provision (DMCS section 200.0123) is said to be "an interpretative rule designed to avoid misinterpretation and preserve the existing classification scheme, not ... a substantive change ...". *Ibid.* Thus the Service argues that DMCS section 200.0123 sets no limits on what it may do to preserve the underlying scheme; and so the complainants err in attacking the rule as unauthorized.

The complainants essentially adhere to their initial position: that the *Advo* decision was limited to Plus Issues appearing on the same day as another regular issue—the only problem perceived at that time. Hence, they say,

the Service's rule is really unauthorized mail classification:

The Commission's Recommended Decision was quite narrow and very particularly limited to the change proposed by *Advo*. At the time the *Advo* case was heard and decided it was obviously not deemed that the phenomenon dealt with in the new rule (Plus issues published on a day other than the day of regular issuance) was a problem sufficient to be dealt with by a reclassification change ...

The Postal Service argues that under its broad power to interpret the DMCS the new regulation at issue is merely an interpretation of the intention of the Postal Rate Commission in its Recommended Decision in the *Advo* case ... This is, however, an instance where we do not believe there is any room for interpretation. The Commission's Recommended Decision, and its recommended change to the Domestic Mail Classification Schedule in the *Advo* case, is quite explicitly limited to Plus issues that are published on the same day as another regular issue. There is no room for interpretation of that language. The new regulation is indeed a change in that DMCS language rather than an interpretation. The fact that the Commission's opinion can be read to suggest that its sympathies are entirely in accord with the objective of the new regulation does not validate a rewriting of the DMCS that goes well beyond a mere interpretation.

Complainants' Answer, at 7-9. In addition, complainants argue that the rule is in several ways defective on its merits: it does not exclude monthlies from publishing Plus Issues; and the proportion-of-nonsubscribers test [DMCS section 425.226(c)] applies over a period of a week and could thus be evaded by a bimonthly periodical. Complainant's Answer, at 10-13. These features, they say, should at least be justified on the record.

Complainants' observations on the mootness question will be addressed below.

*Discussion: the policy of the Docket C85-1 decision.* The Postal Service, *Advo*, and TCMA all assert that allowing the Plus issues in question here to move at second-class rates is inconsistent with the fundamental ideas expressed in the *Advo* decision. Complainants, as noted above, concede that this may be true, but rest their case on the classification change actually made in that docket. Indeed, the complaint does not appear to seek reconsideration of the policy expressed in *Advo*.

It will clarify matters usefully if we state at the outset that we continue to believe the policies of *Advo* to be correct, feasible, and consistent with the Act. Our intention is to preserve them, since we have been shown nothing which would lead us to seek any

fundamental change in this aspect of second class. Not only in *Advo*, but also in the *Tri-Parish Journal* and *Enterprise* cases (Dockets C85-2 and C86-1), we affirmed and explained our support for the view that the advantages of second-class eligibility have historically been intended for publications containing information of a public nature, demonstrably valued by those who receive it via paid subscription or explicit request, and not for publications essentially designed for advertising.<sup>2</sup> Our C85-1 opinion relied on the development of second class under Congressional supervision (1876-1970) as showing that Plus Issues generally do not comport with its favored status or the reasons therefor. PRC Op. C85-1, para. 039. Publications designed essentially for advertising were outside these historic purposes. *Id.*, para. 045.

In *Advo*, we recommended a new provision covering all the Plus issues whose existence was demonstrated by the record. The record gave us—and our Opinion should give others—no reason to conclude that some of these publications are in harmony with the basic policies of second class and some others are not. The policy basis of *Advo* implies that publications predominantly composed of advertising and saturation-mailed to nonsubscribers should remain outside second class. In particular, we did not imply that appearance on the same day as another issue of the same newspaper was the essential shortcoming of these publications as regards conformity to the policies of second class. The notion that Plus publications that do not appear on the same day as another issue should, for that reason, be found consistent with the purposes of second class is thus in no way implicit in our *Advo* decision; as noted above, we do not understand the complainants to argue that it is.

In short, we agree with the Service's arguments to this extent: the Plus Issues affected by the new DMCS section 200.0123—i.e., those appearing on the same day as another issue—are not peculiarly repugnant to the underlying rationale of second-class mail, and particularly, second-class rates. Similar material, issued on a day when no other issue appears, directed to the same advertising purposes, and sent equally widely to nonsubscribers, would presumptively violate the principles expressed in *Advo*—and presumptively

<sup>2</sup> Complaint of *Tri-Parish Journal, Inc.*, d/b/a *River Parishes Sun*, PRC Op. C85-2 at paras. 304-06, 313, 316, November 20, 1985; Complaint of *The Enterprise, Inc.*, PRC Op. C86-1 at para. 18, July 31, 1986.



should be made subject to restrictions like those of DMCS section 200.0123.

This policy will form the background to our consideration of the present complaint. It is still necessary, however, to examine whether the complaint must or can be dismissed.

We begin with consideration of the Service's argument that the decision in Docket C85-1 worked no change in classification.

When that docket was filed, it was evident that both publishers and Postal Service employees regarded, and treated, the Plus Issues complained of as just like any other issue of the parent publication. The DMCS did not make it clear that they were out of harmony with the basic purpose of second class. The complainant initiated that case to test the proposition that regardless of current understandings of the DMCS, it should be construed, and if necessary clarified, to exclude the issues complained of. These issues were Plus publications appearing on the same day as another issue of the parent newspaper. The record in Docket C85-1 disclosed the existence only of this type of Plus publication:

... The record indicates that, with one possible exception, total market coverage products are produced by daily newspapers, and the clarifying language proposed by *Advo* [and adopted in the decision] is directed at current mailing practices. Our opinion does not authorize nondaily newspapers to mail total market coverage products and such materials akin to Plus publications would not be eligible for second-class.

PRC Op. C85-1, para. 067. The classification change made necessary by the demonstrated fact of "two-a-day" Plus issues went no further than the record in the case called for. As complainants here have noted, one of the criteria for requiring separate qualification under new DMCS Section 200.0123 is that the issue be "published at a regular frequency on the same day as another regular issue of the same publication."<sup>3</sup>

<sup>3</sup> It is important to recall the context of the paragraph just quoted from the C85-1 opinion. Knight-Ridder had argued that the classification proposal unconstitutionally singled out daily newspapers for regulation. The Commission was explaining that while its classification recommendation was limited to Plus issues appearing on the same day as another issue, it must not be read as exempting nondailies from the policy reasons for the change, should their mailing practices ever come into question. We warned, in effect, that in a future classification case concerning new types of Plus issues we would not begin by assuming that, because we had restricted only dailies' use of this medium in Docket C85-1, we intended not to restrict other uses.

Thus we cannot accept without substantial qualification the Service's argument that the rule adopted in *Advo* was only interpretative and did not change "the existing classification scheme." Response, at 9. If that "scheme" were simply the broad general policy of excluding from second class material lacking public information value, reader demand, or both, we might agree. But the *Advo* rule was a classification change in the statutory (Section 3623) sense.<sup>4</sup> The *Advo* proceeding identified, for the first time, a new subtype of mail matter whose status had been ambiguous. A principal argument of those defending the continued admission of Plus issues to second class was the existing DMCS language which, on a literal reading, appeared to permit them. If they were simply (normal) issues of the parent newspaper, there was arguably no basis to treat them as possibly ineligible for second class. *Advo* thus stands largely for the proposition that Plus issues, as illustrated by the record in that case, represented a distinguishable subtype of mail matter whose eligibility for second class must be separately examined. Having examined it, we and the Governors concluded that it should not be admitted unless it separately met the qualifying criteria. The taxonomic distinction drawn in *Advo* between Plus issues and all other issues is mail classification in the most obvious sense. The DMCS provision recommended and adopted there did not merely interpret existing classification provisions: it added to them by recognizing a new variety of mail matter and enacting a new rule for its treatment. The *Advo* decision indeed applied basic policies (which prima facie apply to this docket as well)—but only to the problem shown by the record then before us.

In arguing that no more need be done by way of mail classification, the Service fails to distinguish the policies underlying second class (not altered by the *Advo* decision) from the document

<sup>4</sup> We pointed out at PRC Op. C85-1, para. 066:

Because of the nature of the English language and the intricacies and complexities of the DMCS, plus technical advances in the publishing industry, applying specific definitional attributes to various mail classes created to meet diverse policy considerations is by necessity a continuing process. Over time, because of ambiguities or imprecise language, it becomes necessary to amend the DMCS to clarify or correct language that has led to misinterpretations in the application of the DMCS to specific types of mail matter. The product of this proceeding is a recommended amendment to the DMCS to correct just such a misinterpretation. Of course in performing this task, we must recommend amendments to the DMCS which are within our classification powers and rationally related to the objective of defining what mail is entitled to second-class eligibility. . . .

defining that class (which was altered). The mail eligible for second class is described by that document.<sup>5</sup> That more new varieties of mail might arise, and require further reworking of the DMCS provisions, was foreseen in *Advo*. In para. 068, we invited the Service to submit new classification proposals if the need arose; and we ourselves can initiate classification proceedings under section 3623(b).

In our view, the need for further inquiry into the adequacy of existing DMCS provisions has indeed arisen. This proceeding will provide the opportunity.

*Discussion: arguments concerning the merits of the Service's rule.* One important reason for reopening the classification question at this time is the variety of criticisms leveled against the Postal Service rule. Granting that the intent of the rule was to further the policies relied on in *Advo*, one may still inquire whether it is an effective or efficient way of doing so.<sup>6</sup> Thus

<sup>5</sup> In this connection, we cannot accept the Service's argument (Response at 10) that it could have

denied complainants' reentry applications . . . on a case-by-case basis on the ground that the Plus publications sought to be entered as second-class mail were, under the criteria cited by the Commission in Docket No. C85-1, separate publications.

The Service says that since separate publications must separately qualify, it could declare the present complainants' Plus issues separate publications and demand that they qualify on their own. But whether the classification provisions adopted in Docket C85-1 make them separate publications is precisely the question—though the (policy) criteria cited by the Commission in that case imply that they should be. The Service uses the above premise to argue, on the basis of National Retired Teachers Association v. U.S. Postal Service, 593 F.2d 1360 (D.C. Cir. 1979), that it could make a rule in order to accomplish efficiently what it could do, more laboriously, case by case. Response, at 9-10. However, the court said that the Service has

... a residuum of authority to interpret mail classifications in the process of implementing them so long as that interpretation does not effect a substantive change in the types of mail or the identity of mailers encompassed within the classification.

593 F.2d at 1363 (emphasis added). Once it is clear that the rule recommended by us and adopted by the Governors was a classification change, the underscored qualification becomes applicable.

<sup>6</sup> It is possible that in attempting to bridge the gap between the *Advo* record and decision, which illustrated and dealt with only one variety of Plus issue, and the perceived new problem of similar issues not appearing on the same day as a regular issue, the rule contains inherent shortcomings correctible by further revising the DMCS. Obviously, we cannot make a judgment on this point before we have a record to evaluate. But the reliance the Service and its supporters place on the argument that the complainants' Plus issues are a mere evasion of the *Advo* rule indicates the possibility that a more broadly-based investigation would yield a more workable rule.



complainants originally charged that the interim rule, by using proportion of copies mailed as a criterion, would require separate entry for many issues not at all like the Plus issues addressed in *Advo.* Memorandum in Support of Complainant, at 5-7. Later, conceding that the final rule worked some improvement in this respect, they still objected to its limitation to Plus issues published more frequently than monthly and to the restriction of the proportion-to-nonsubscribers test to the period of a week. Answer, at 10-13. While these objections may or may not ultimately persuade, they are not frivolous. *Advo.*, which supports the Service's attempts to curb Plus issues and opposes the Complaint, agrees that the final rule "may itself be susceptible to evasion by some clever, unanticipated scheme" (*Advo.* Answer, at 10-11).

We think it inappropriate (quite apart from any legal questions) to contemplate only a potential succession of innovative Plus publications, "interpretative" rules designed to curb them, and further innovations formally complying with the new rules. In the long run, it will be more efficient for the Service and the mailers to acknowledge now the need for reexamining the DMCS itself.<sup>7</sup> This proceeding will provide a suitable forum. It follows that we will not terminate these proceedings. As in Docket C85-1, there is a legitimate issue whether the DMCS should be revised to make clear the obligations of mailers and postal personnel with respect to second class mail.

*Validity of the Postal Service's interim and final rules.* The classification issues, however, are distinct from complainants' request that we find

... that the complained-of regulation . . . constitutes an unauthorized act of reclassification by the Postal Service in derogation of Title 39 U.S.C. Section 3623; that it is null and void, and that whatever preexisting regulations obtained still apply

<sup>7</sup> This observation from the *Advo.* decision is pertinent here:

... The terms "issue" and "publication" are not defined in the DMCS. Logic and usage of the word "issue" in the Domestic Mail Manual (DMM) and its predecessor Postal Manual clearly suggest that an aggregation of one or more issues constitute a publication. The word "issue" implies continuity of editorial character amongst the various issues of a publication. . . . The DMM contemplates an identity of purpose among issues of the same publications. . . .

PRC Op. C85-1, para. 048 (fn. omitted). The cited provisions reflect a historic—and historically justified—belief that a publication could be admitted to or excluded from second class because its various issues all had essentially the same character. Publishing practices may indeed be changing, and this assumption may be less safe than in the past.

until changed in accordance with Section 3623.

#### Complaint, at 4.

First, it appears that the right forum for determining the validity of a Postal Service rule, purportedly issued under its independent administrative powers, would be a United States District Court. *National Retired Teachers Association v. United States Postal Service*, 430 F. Supp. 141 (D.D.C. 1977), affirmed, 593 F.2d 1390 (D.C. Cir. 1979); 28 U.S.C. § 1339; 39 U.S.C. 409(a). As an abstract matter we could resolve such a question. However, if we found the rule invalid, lacking general equitable powers, we could not enjoin enforcement of the rule or require an accounting of postage collected under it.

A purely declaratory order on this question is discretionary with the Commission and is unnecessary to decision of the classification issues we find in this case. The Service's final rule might be a candidate for adaptation to the DMCS, regardless of whether the Service can lawfully enforce it in its present guise. Had no interim or final rule ever been issued, the Commission *sua sponte*, or on complaint, could have considered the classificational status of Plus issues arguably not covered by DMCS § 200.0123. The existence of the Postal Service rule (valid or not) presents no obstacle to our considering it here, pursuant to 3623. Normally, we do not address legal issues not relevant to the exercise of our authority.

These considerations guide our discretion on whether to address and resolve the question whether the Service's rule is authorized. An exercise of discretion which deprived the complainants' of any possible remedy, however would be subject to serious criticism. Before determining that consideration of the issue is unnecessary, we must examine the argument that only this proceeding can provide that remedy.

At least with respect to the period covered by the interim rule, complainants insist that "there is no other forum in which [they] can seek redress for the higher, and unlawful, rates charged during that period of time." Answer, at 3. They rely mainly on *The Enterprise, Inc. v. Bolger*, 774 F.2d 159 (6th Cir. 1985), arguing that under that decision a classification decision can be reviewed only under 3638; that this section covers any Governor's decision under 3624; that they are entitled to such a decision as the outcome of this docket; and that, accordingly,

... the complainants in this proceeding cannot have a judicial review of the rates

they were compelled to pay by the Postal Service since July 20, unless this Commission entertains a proceeding pursuant to Section 3624 and issues a Recommended Decision thereon.

It would thus seem then that, at least in the Sixth Circuit, and perhaps in the Fifth Circuit, a mail user who has been charged an unlawful rate by the Postal Service may not have review of that in a *de novo* District Court proceeding but must exhaust its administrative remedies by first pursuing the matter before the Postal Rate Commission, which will issue a Recommended Decision, which will be acted upon by the Governors, which Governors' decision can then be reviewed in a United States Court of Appeals.

Answer, at 5-6. While this indeed is what occurred in *The Enterprise*, we are not convinced that case governs here.

*The Enterprise* challenged a rule embodied in both the DMCS and the DMM. It did not say that the Service, in refusing to admit its publication as second-class matter, was defying the DMCS or issuing rules inconsistent with it. Instead, it argued that the DMCS and DMM rules were unconstitutional and defective under the substantive classification standards of § 3623(c)(1). The latter question is clearly committed to us and the Governors; after reviewing the legislative history, the Sixth Circuit found the constitutional issue was too. "In so ruling," it said,

we are not unaware of the plaintiff's assertion that jurisdiction is vested in the district court by 39 U.S.C. § 409, but we note that section 409 specifically exempts cases covered by section 3628 from its coverage.

774 F.2d at 161. Here, there has been no action with respect to the Postal Service rule which could be appealed under § 3628. Neither the Commission nor the Governors recommended, adopted, or promulgated the rule. Indeed, this fact is part of the basis of the complaint. Memorandum in Support of Complaint, at 7, 9. The subject matter identified in section 3628 is thus absent here. A challenge to the Service's interim rule, on the ground that it was ultra vires, would not be exempted by section 3628 from the general grant of jurisdiction in section 409.<sup>8</sup>

Accordingly, we reject the view that complainants' only avenue of relief from the allegedly improper charges made under the interim rule is through the present proceeding. We of course express no view on whether a postage

<sup>8</sup> Districts Courts have several times heard complaints that the Service has "classified" mail without invoking Commission procedures. The *Retired Teachers* case is one example, another is *United Parcel Service v. U.S. Postal Service*, 455 F. Supp. 857 (E.D. Pa. 1978), affirmed, 604 F.2d 1370 (3d Cir. 1979), *certiorari denied*, 440 U.S. 957 (1980).



adjustment could or would be ordered by a court; our holding is merely that since the complaint alleges unlawful classification action, District Court review of the rule does not seem to be precluded. Thus it is not necessary for us to issue a declaratory ruling on the validity of the rules in order to avoid abrogating complainants' rights.

**Disposition of the motion.** For all the reasons outlined above, we will continue the proceedings begun by the complaint. By this order, we are instituting a mail classification docket, with which the original complaint will be merged. The resulting proceeding will concentrate on the question of a DMCS provision that—

- Is unmistakably clear;
- Covers any reasonably likely future attempt to use second class for Plus-issue-type products essentially directed toward market areas regardless of subscription level; and
- Responds to publishers' legitimate concerns about content-based regulation.

We do not find the complaint moot. Apart from the fact that the Commission is not subject to strict "case or controversy" requirements (not being an Article III court; see PRC Op. C85-1, para. 019), we believe that a live controversy does exist. The recent history of Plus issues shows they are not unlikely to appear in new forms; this counsels against treating any particular aspect of the problem as moot on technical grounds.

**The Commission orders:**

(A) The motion to dismiss is denied.  
 (B) The scope of proceedings herein shall not include consideration or decision of the question whether the Postal Service's interim or final rule is unlawful, ultra vires, or void.

(C) A mail classification proceeding is instituted to consider the issues described above and the complaint of the Sacramento Bee, *et al.*, is hereby consolidated with that classification proceeding, which shall bear Docket No. MC87-2.

(D) All participants in Docket No. C86-2 are accorded participant status in Docket No. MC87-2.

(E) The Secretary shall publish notice of Docket No. MC87-2 in the Federal Register.

By the Commission.

Charles L. Clapp,

Secretary.

[FR Doc. 86-27420 Filed 12-5-86; 8:45 am]

BILLING CODE 7715-01-M

## SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-23855; File No. SR-NASD-86-30]

### Self-Regulatory Organizations, National Association of Securities Dealers, Inc.; Order Approving Proposed Rule Change

The National Association of Securities Dealers, Inc. ("NASD") submitted on October 14, 1986 copies of a proposed rule change pursuant to section 19(b)(1) of the Securities Exchange Act of 1934 ("Act") and Rule 19b-4 thereunder, to require of NASD members permanent submission of reports concerning the total short positions in all customer and proprietary firm accounts in securities included in the NASDAQ System. Members' reports must be submitted monthly, and the data on aggregate short interest positions will be made publicly available. No comments were received with respect to the proposed filing.

The Commission finds that the proposal is consistent with the Act and the rules and regulations thereunder applicable to the NASD and, in particular, the requirements of section 15A and the regulations thereunder.

It is therefore ordered, pursuant to section 19(b)(2) of the Act, that the above-mentioned proposed rule change be, and hereby is, approved.

For the Commission, by the Division of Market Regulation, pursuant to delegated authority, 17 CFR 200.30-3(a)(12).

Dated: December 1, 1986.

Jonathan Katz,

Secretary.

[FR Doc. 86-27476 Filed 12-5-86; 8:45 am]

BILLING CODE 8010-01-M

[Rel. No. IC-15445; 812-6455]

### Smith Barney Mortgage Capital Trust I et al; Notice of Application

December 1, 1986.

**AGENCY:** Securities and Exchange Commission ("SEC").

**ACTION:** Notice of Application for Exemption under the Investment Company Act of 1940 ("the 1940 Act").

**Applicants** Smith Barney Mortgage Capital Trust I, and similar trusts of which Smith Barney Mortgage Capital Corp. ("SBMC") is the depositor ("Applicants").

**Relevant 1940 Act Sections:** Exemption requested under section 6(c) from all provisions of the 1940 Act.

**Summary of Application:** Applicants seek an order conditionally exempting

certain trusts of which SBMC will be the depositor from all provisions of the 1940 Act in connection with its proposed issuance of collateralized mortgage obligations and sale of beneficial ownership interests in such trusts.

**Filing Date:** The Application was filed on July 12, 1986, and amended on September 24, October 9, and November 17, 1986.

**Hearing or Notification of Hearing:** If no hearing is ordered, the application will be granted. Any interested person may request a hearing on this application, or ask to be notified if a hearing is ordered. Any requests must be received by the SEC by 5:30 p.m., on December 26, 1986. Request a hearing in writing, giving the nature of your interest, the reason for the request, and the issues you contest. Serve the Applicant with the request, either personally or by mail, and also send it to the Secretary of the SEC, along with proof or service by affidavit, or, for lawyers, by certificate. Request notification of the date of a hearing by writing to the Secretary of the SEC.

**ADDRESSES:** Secretary, SEC, 450 5th Street, NW., Washington, DC 20549. Smith Barney Mortgage Capital Trust I, c/o Wilmington Trust Company, Rodney Square North, Wilmington, Delaware 19890.

**FOR FURTHER INFORMATION CONTACT:** Staff Attorney Richard Pfordte at (202) 272-2811 or Special Counsel Karen Skidmore at (202) 272-3023, Office of Investment Company Regulation.

**SUPPLEMENTARY INFORMATION:** Following is a summary of the application; the complete application is available for a fee from either the SEC's Public Reference Branch in person or the SEC's commercial copier (800) 231-3282 (in Maryland (301) 253-4300).

### Applicants' Representations

1. SBMC is a direct, wholly-owned limited purpose subsidiary of Smith Barney, Inc., a Delaware corporation, whose primary subsidiary is Smith Barney, Harris Upham & Co. Incorporated, a registered broker-dealer and investment adviser. SBMC, a newly-formed Delaware Corporation, was formed for the purpose of engaging in asset-backed financing, including organizing and selling owner trusts ("Trusts").

2. SBMC will form Trusts for the limited purpose of issuing one or more series of bonds ("Bonds") collateralized principally by mortgage obligations in



certain Mortgage Certificates.<sup>1</sup>

Applicants will not engage in any business or investment activities unrelated to such purpose.

3. Each Trust will be established under a separate deposit trust agreement ("Trust Agreement") between SBMC, acting as depositor, and Wilmington Trust Company acting as owner-trustee ("Owner Trustee"). Each Trust will issue one or more Series of Bonds under the terms of an indenture ("Indenture") between the Trust and an independent trustee ("Trustee"). The Owner Trustee will enter into a bond administration agreement under which the bond administrator will provide services to the Owner Trustee. The Indenture will be qualified under the Trust Indenture Act of 1939 unless an appropriate exemption is available.

4. In the Case of each Series of Bonds: (1) Each Trust will hold no substantial assets other than the Mortgage Certificates; (b) the Bonds will be secured by Mortgage Certificates having a collateral value determined at the time of issuance of the Bonds at least equal to the outstanding principal amount or balance of the Bonds; (c) distributions of principal and interest received on the Mortgage Certificates securing the Bonds and any applicable reserve funds, plus reinvestment income thereon, will be sufficient to pay all interest on the Bonds and to retire each class of Bonds by its stated maturity; and (d) the Mortgage Certificates will be pledged by the Owner Trustee to the Trustee and will be subject to the lien of the related Indenture.

5. In addition to the issue and sale of the Bonds, SBMC intends to sell the beneficial interests in each Trust to a limited number, in no event more than one hundred, of sophisticated institutional investors in transactions exempt from the registration requirements of the Securities Act of 1933 ("1933 Act") under section 4(2) thereof. Such institutional investors may include one or more banks, savings and

loan associations, insurance companies, and pension plans or other investors that would have prior experience in making investments in mortgage related securities or real estate ("Owners"). Each Owner will be required to represent that it is purchasing such beneficial interests for its own account and not with a view to any distribution, ie, for investment purposes. In addition, the Trust Agreement relating to each Trust will prohibit the transfer of Trust Certificates representing such beneficial interests if there would be more than one hundred Owners of such certificates at any time.

6. None of the Applicants, SBMC, the Owner Trustee, the Bond Trustee or the Owners of any of the Trust will be able to impair the security afforded by the bond collateral to the holders of the Bonds. That is, without the consent of each Bondholder to be affected, neither the Owners, the Owner Trustee nor the Trustee will be able to: (1) Change the stated maturity on any Bonds; (2) reduce the principal amount or the rate of interest on any Bonds; (3) change the provisions in the Indenture for such series of Bonds relating to the application of collateral collections to principal payments on the Bonds; (4) permit the creation of a lien ranking prior to or in a parity with the lien of the Indenture for any series of Bonds; or (5) terminate or otherwise deprive the Bondholders of the security afforded by the lien of the related Indenture.

7. The sale of the beneficial interests in each Trust will not alter the payment of cash flows under the Indenture including the amounts to be deposited in the collection account or any reserve fund created pursuant to the Indenture to support payment of principal and interest on the Bonds.

8. No holder of a controlling interest in a Trust (as the term "control" is defined in Rule 405 under the 1933 Act), will be affiliated with either the custodian or the statistical rating agency rating the Bonds. None of the Owners of a Trust will be affiliated with the Trustee.

9. The interests of the Bondholders will not be compromised or impaired by the ability of the Applicants to sell beneficial interests in each Trust, and there will not be a conflict of interest between the Bondholders and the Owners for several reasons: (a) The collateral which initially will be deposited into each Trust and will be pledged to secure the Bonds issued by such Trust will not be speculative in nature because it will consist solely of GNMA Certificates, FNMA Certificates or FHLMC Certificates, which Mortgage Certificates are guaranteed as to timely

payment of interest and timely or ultimate payment of principal by each respective agency; (b) the Bonds will only be issued provided an independent nationally recognized statistical rating agency has rated such Bonds in the highest rating category, which by definition means that the capacity of the issuing Trust to repay principal and interest on the Bonds is extremely strong; (c) the Indenture under which the Bonds will be issued subjects the collateral pledged to secure the Bonds, all income distributions thereon and all proceeds from a conversion, voluntary or involuntary, of any such collateral to a first priority perfected security interest in the name of the Trustee on behalf of the Bondholders;<sup>2</sup> and (d) the Owners will be entitled to receive current distributions representing the residual payments on the collateral from each Trust in accordance with the terms of the applicable Trust Agreement, which distributions are analogous to dividends payable to a shareholder of a corporate issuer of collateralized mortgage obligations. The Owners will be liable for the expenses, taxes and other liabilities of the Trust (other than the principal and interest on the Bonds) to the extent not previously paid from the trust estate. The choice of the form of issuer for the collateralized mortgage obligations and the identity of the Owners of such issuer, however, will not alter in any way the payments made to the holders of the Bonds.

10. The aggregate interests of the Owners in the collateral and the expected returns by such Owners will be far less than the payments made to Bondholders. Applicants do not intend to deposit Mortgage collateral to secure a series of Bonds the market value of which exceeds 110% of the gross proceeds of the Bonds of such series.

11. Except to the extent permitted by the limited right to substitute collateral, it will not be possible for the Owners to alter the composition of the collateral initially deposited into a Trust, and in no event will such right to substitute

<sup>1</sup> By definition, the "Mortgage Certificates" collateralizing the Bonds will consist of (1) "fully-modified" pass-through mortgage-backed certificates guaranteed by the Government National Mortgage Association ("GNMA Certificates"), (2) mortgage participation certificates issued by the Federal Home Loan Mortgage Corporation ("FHLMC Certificates"), and (3) guaranteed mortgage pass-through securities issued by the Federal National Mortgage Association ("FNMA Certificates"). All or a portion of the Mortgage Certificates securing a Series of Bonds may be "partial pool" Mortgage Certificates. Some of the GNMA Certificates securing a Series of Bonds may be backed by mortgage loans that provide for payments during the initial portion of their term that are less than the actual amount of principal and interest payable thereon on a level debt service basis.

<sup>2</sup> The Indenture further specifically provides that no amounts may be released from the lien of the Indenture to be remitted to the issuing Trust (and any owner of beneficial interests thereof) until (i) the Trustee has made the scheduled payment of principal and interest on the Bonds, (ii) the Trustee has received all fees currently owed to it, (iii) the firm of independent accountants has received all fees owed it for services rendered under such Indenture, and (iv) to the extent required by any Indenture executed in connection with the issuance of the Bonds, deposits have been made to certain reserve funds. The Trust Agreements for each Trust will provide that the Owner Trustee under the Trust Agreement will have a lien superior to that of the owners of the beneficial interests of the Trust to the remaining cash flow.



collateral result in a diminution in the value or quality of such collateral. Although it is possible that any collateral substituted for collateral initially deposited into a Trust may have a different prepayment experience than the original collateral, the interests of the Bondholders will not be impaired because: (a) The prepayment experience of any Mortgage Certificates will be determined by market conditions beyond the control of the owners of the beneficial interests, which market conditions are likely to affect all mortgage certificates of similar payment terms and maturities in a similar fashion; (b) the interests of the Owners are not likely to be greatly different from those of the Bondholders with respect to collateral prepayment experience; and (c) to the extent that it may be possible for the Owners to cause the substitution of Mortgage Certificates which has a different prepayment experience than the original Mortgage Certificates, this situation is no different for the Bondholders than the traditional collateralized mortgage obligation structure where bonds are issued by an entity that is a wholly-owned subsidiary. Further, due to the fact that there usually will be more than one owner or a Trust, it appears less likely that the Owners will be able to agree on any desired substitution of collateral than if there are a single owner who could unilaterally decide on the timing and execution of the substitution.

12. For additional representations and conditions concerning classes of Bonds, certain optional and mandatory redemption features, and other provisions of the Bonds, see the application.

13. The requested order is necessary and appropriate in the public interest because: (a) The Trusts should not be deemed to be entities to which the provisions of the 1940 Act were intended to be applied; (b) the Applicants may be unable to proceed with their proposed activities if the uncertainties concerning the applicability of the 1940 Act are not removed; (c) the Applicants' activities are intended to serve a recognized and critical public need; (d) granting of the requested order will be consistent with the protection of investors because they will be protected during the offering and sale of the Bonds by the registration or exemption provisions of the 1933 Act and thereafter by the Trustee representing their interests under the Indenture; and (e) the disclosures made to Owners of a Trust and that beneficial interests will be offered only to a limited number of sophisticated institutional investors through private placements.

**Applicants' Conditions:** Applicants agree that if an order is granted it will be expressly conditioned on the following conditions:

(1) Each Series of Bonds will be registered under the 1933 Act, unless offered in a transaction exempt from registration pursuant to section 4(2) of the 1933 Act.

(2) The Bonds will be "mortgage related securities" within the meaning of section 3(a)(41) of the Securities Exchange Act of 1934, as amended. However, the collateral directly securing the Bonds will be limited to GNMA Certificates, FNMA Certificates, or FHLMC Certificates.

(3) If new mortgage collateral is substituted, the substitute collateral will: (i) Be of equal or better quality than the collateral replaced; (ii) have similar payment terms and cash flow as the collateral replaced; (iii) be insured or guaranteed to the same extent as the collateral replaced; and (vi) meet the conditions set forth in paragraphs (2) and (4). In addition, new collateral may not be substituted for more than 40% of the aggregate face amount of the Mortgage Certificates initially pledged as mortgage collateral. In no event may any new mortgage collateral be substituted for any substitute mortgage collateral.

(4) All Mortgage Certificates, funds, accounts or other collateral securing a Series of Bonds ("Collateral") will be held by a Trustee, or on behalf of a Trustee by an independent custodian. The custodian may not be an affiliate (as the term "affiliate" is defined in Rule 405 under the 1933 Act, 17 CFR 230.405) of the Applicants. The Trustee will be provided with a first priority perfected security or lien interest in and to all collateral.

(5) Each Series of Bonds will be rated in the highest bond rating category by at least one nationally recognized statistical rating agency that is not affiliated with an Applicant. The Bonds will not be considered "redeemable securities" within the meaning of section 2(a)(32) of the 1940 Act.

(6) No less often than annually, an independent public accountant will audit the books and records of each Trust and, in addition, will report on whether the anticipated payments of principal and interest on the mortgage collateral continue to be adequate to pay the principal and interest on the Bonds in accordance with their terms. Upon completion, copies of the auditor's reports will be provided to the Trustee.

(7) In addition, the above representations regarding the equity interests (and more fully described in

the application) will be express conditions to the requested order.

For the Commission, by the Division of Investment Management, under delegated authority.

Jonathan G. Katz,  
Secretary.

[FR Doc. 86-27475 Filed 12-5-86; 8:45 am]

BILLING CODE 8010-01-M

## SMALL BUSINESS ADMINISTRATION

### Reporting and Recordkeeping Requirements Under OMB Review

**ACTION:** Notice of reporting requirements submitted for review.

**SUMMARY:** Under the provisions of the Paperwork Reduction Act (44 U.S.C. Chapter 35), agencies are required to submit proposed reporting and recordkeeping requirements to OMB for review and approval, and to publish a notice in the *Federal Register* notifying the public that the agency has made such a submission.

**DATE:** Comments should be submitted December 29, 1986. If you intend to comment but cannot prepare comments promptly, please advise the OMB Reviewer and the Agency Clearance Officer before the deadline.

Copies: Request for clearance (S.F. 83s), supporting statements, and other documents submitted to OMB for review may be obtained from the Agency Clearance Officer. Submit comments to the Agency Clearance Officer and the OMB Reviewer.

#### FOR FURTHER INFORMATION CONTACT:

Agency Clearance Officer: Elizabeth M. Zaic, Small Business Administration, 1441 L Street, NW., Room 200, Washington, DC 20416, Telephone (202) 653-6623.

OMB Reviewer: Patricia Aronson, Office of Information and Regulatory Affairs, Office of Management and Budget, New Executive Office Building, Washington, DC 20503, Telephone: (202) 395-7231

Title: Request for Approval of Joint Venture Agreement

Frequency: On occasion

Description of Respondents: This data allows SBA to evaluate the need and the programmatic allowability for the 8(a) firm to enter into a joint venture agreement with another firm to perform a specific contract.

Annual Responses: 20

Annual Burden Hours: 100

Type of Request: Reinstatement

Title: Request for Eligibility Reconsideration

Frequency: On occasion



Description of Respondents: Applicants declined for program participation can request in writing to be reconsidered under the 8(a) program.

Annual Responses: 600

Annual Burden Hours: 2400

Type of Request: Reinstatement

Title: Request for Business Development Expense (BDE)

Frequency: On occasion

Description of Respondents: 8(a) applicants are required to justify the need and amounts of assistance requested.

Annual Responses: 150

Annual Burden Hours: 1500

Type of Request: Reinstatement

Title: Capability Review and Requirements Request

Form Nos.: SBA 1017

Frequency: On occasion

Description of Respondents: 8(a) applicant's are required to provide a summary of their capability to perform on 8(a) contracts and the contract support levels required.

Annual Responses: 4,000

Annual Burden Hours: 12,000

Type of Request: Reinstatement

Title: Request for Advance Payment and Schedule of Advance Payment Requirements

Frequency: On occasion

Description of Respondents: 8(a) applicant's are required to justify the need and the amount of assistance requested.

Annual Responses: 600

Annual Burden Hours: 6000

Type of Request: Reinstatement

Title: Submission of Business Financial Statements

Frequency: Quarterly and Annually

Description of Respondents: 8(a) concerns are required to submit quarterly and fiscal year-end balance sheets and profit and loss statements on a continuing basis as a condition of programmatic eligibility.

Annual Responses: 8800

Annual Burden Hours: 2200

Type of Request: Reinstatement

Title: Notice of Change in Ownership

Frequency: On occasion

Description of Respondents: 8(a) concerns are required to request prior approval before changing ownership.

Annual Responses: 50

Annual Burden Hours: 100

Type of Request: Reinstatement

Elizabeth M. Zaic,

Deputy Director, Office of Administrative Services, Small Business Administration.

[FR Doc. 86-27435 Filed 12-5-86; 8:45 am]

BILLING CODE 8025-01-M

#### [Declaration of Disaster Loan Area No. 2259, Amendment No. 3]

##### Oklahoma; Declaration of Disaster Area

The above-numbered Declaration (51 FR 37533), as amended (51 FR 40099 and 51 FR 41887), is hereby further amended in accordance with the Notice of Amendment to the President's declaration, dated November 14, 1986, to include the adjacent counties of Adair, Blaine, Caddo, Canadian, Cleveland, Comanche, Creek, Delaware, Garfield, Haskell, Mayes, Noble, Nowata, Oklahoma, Okmulgee, Pawnee and Sequoyah in the State of Oklahoma because of damage from severe storms and flooding beginning on September 26, 1986. All other information remains the same; i.e., the termination date for filing applications for physical damage is the close of business on December 15, 1986, and for economic injury until the close of business on July 14, 1987.

(Catalog of Federal Domestic Assistance Programs Nos. 59002 and 59008).

Dated: November 17, 1986.

Bernard Kulik,

Deputy Associate Administrator for Disaster Assistance.

[FR Doc. 86-27438 Filed 12-5-86; 8:45 am]

BILLING CODE 8025-01-M

#### [License No. 03/04-001]

##### Greater Washington Investors, Inc.; Filing of a Conflict of Interest Transaction between Associates

Notice is hereby given that Greater Washington Investors, Inc. (GWII), 5454 Wisconsin Avenue, Chevy Chase, MD 20815, a Federal Licensee under the Small Business Investment Act of 1958, as amended (Act), has been granted an exemption by the Securities and Exchange Commission for an investment by the Licensee and its Associate, Research Industries Incorporated (RII), 123 North Pitt Street, Alexandria, Virginia 22314, in Voice Computer Technology Corporation, (VCT), 5730 Oakbrook Parkway, Norcross, Georgia 30093.

RII is 95 percent owned by Dr. Arch C. Scurlock, who was an officer of GWII and is presently a director of VCT as is Don A. Christensen, President and Director of GWII.

GWII and RII, who will each invest \$50,000 and \$80,000 in unsecured notes due May 14, 1987, have equity ownership of 8.5 and 11.3 percent, respectively in VCI. Because GWII and RII are Associates, § 107.903(g) of the SBA Rules and Regulations requires publication of the transaction.

Notice is hereby given that any interested person may, not later than 15 days from the date of publication of this Notice, submit written comments on the transaction to the Deputy Associate Administrator for Investment, Small Business Administration, 1441 L Street NW., Washington, DC 20416.

A copy of this Notice shall be published in a newspaper of general circulation in Norcross, Georgia.

(Catalog of Federal Domestic Assistance Program No. 59.011. Small Business Investment Companies)

Dated: November 28, 1986.

Robert G. Lineberry,

Deputy Associate Administrator for Investment.

[FR Doc. 86-27436 Filed 12-5-86; 8:45 am]

BILLING CODE 8025-01-M

#### DEPARTMENT OF TRANSPORTATION

##### Aviation Proceedings; Agreements Filed During the Week Ending November 28, 1986

The following agreements were filed with the Department of Transportation under the provisions of 49 U.S.C. 408, 409, 412, and 414. Answers may be filed within 21 days of date of filing.

##### Docket No. 44513

*Parties:* Members of International Air Transport Association.

*Dated Filed:* November 25, 1986.

*Subject:* Special Passenger Amending Reso Within South America.

*Proposed Effective Date:* December 10, 1986.

##### Docket No. 44514

*Parties:* Members of International Air Transport Association.

*Dated Filed:* November 25, 1986.

*Subject:* Special Cargo Amending Reso from Australia to New Zealand.

*Proposed Effective Date:* January 1, 1987.

##### Docket No. 44515

*Parties:* Members of International Air Transport Association.

*Dated Filed:* November 25, 1986.

*Subject:* Amend Mileage Manual.

*Proposed Effective Date:* April 1, 1987.

##### Docket No. 44516

*Parties:* Members of International Air Transport Association.

*Dated Filed:* November 25, 1986.

*Subject:* Early Effectiveness Rates—SCRB.

*Proposed Effective Date:* December 1, 1986.



**Docket No. 44517 R-1-R-4**

*Parties:* Members of International Air Transport Association.

*Dated Filed:* November 25, 1986.

*Subject:* TC2 Within Africa Expedited Resolutions.

*Proposed Effective Date:* January 1, 1987.

**Docket No. 44518**

*Parties:* Members of International Air Transport Association.

*Dated Filed:* November 25, 1986.

*Subject:* TC2 Within Africa Expedited Resolution 072b.

*Proposed Effective Date:* December 1, 1986.

Phyllis T. Kaylor,

Chief, Documentary Services Division.

[FR Doc. 86-27468 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-62-M

**Applications for Certificates of Public Convenience and Necessity and Foreign Air Carrier Permits Filed During the Week Ended November 28, 1986**

The following applications for certificates of public convenience and necessity and foreign air carrier permits were filed under Subpart Q of the Department of Transportation's Procedural Regulations (See 14 CFR 302.1701 et. seq.). The due date for answers, conforming application, or motions to modify scope are set forth below for each application. Following the answer period DOT may process the application by expedited procedures. Such procedures may consist of the adoption of a show-cause order, a tentative order, or in appropriate cases a final order without further proceedings.

**Docket No. 44511**

*Date Filed:* November 25, 1986.

*Due Date for Answers, Conforming Applications, or Motion to Modify Scope:* December 23, 1986.

*Description:* Application of Saudi Arabian Airlines Corporation, pursuant to section 402 of the Act and Subpart Q of the Regulations, requests that it be issued a foreign air carrier permit authorizing it to engage in scheduled foreign air transportation of persons, property and mail between points in Saudi Arabia (either via a European intermediate point and on a non-stop routing) and two points in the United States (with co-terminal rights between the U.S. points without local traffic rights between, or stopovers at, the two U.S. points) and a foreign point beyond

the two U.S. points) and a foreign point beyond the United States.

**Docket No. 44519**

*Date Filed:* November 26, 1986.

*Due Date for Answers, Conforming Applications, or Motion to Modify Scope:* December 24, 1986.

*Description:* Application of Air Puerto Rico Airlines, Inc. pursuant to section 401 of the Act and Subpart Q of the Regulations requests an amendment of its certificate of public convenience and necessity to authorize Air Puerto Rico to provide scheduled foreign air transportation of persons, property and mail between a point or points in the United States and a point or points in the Dominican Republic.

**Docket No. 44521**

*Date Filed:* November 26, 1986.

*Due Date for Answers, Conforming Application, or Motions to Modify Scope:* December 24, 1986.

*Description:* Application of Emerald Air, Inc., pursuant to section 401 of the Act and Subpart Q of the Regulations, applies for authority to provide foreign scheduled air transportation of persons, property and mail between terminal points San Juan, Puerto Rico and Miami, Florida and points in the Dominican Republic and Haiti.

Phyllis T. Kaylor,

Chief, Documentary Services Division.

[FR Doc. 86-27469 Filed 12-5-86; 8:45 am]

BILLING CODE 4910-62-M

**UNITED STATES INFORMATION AGENCY**

**English-as-a-Foreign Language and English-as-a-Second Language Institute; Francophone/Lusophone African Countries**

The Bureau of Educational and Cultural Affairs of the United States Information Agency (USIA) plans to sponsor an English-as-a-Foreign Language (EFL)/English-as-a-Second Language (ESL) Summer Institute for twenty-five English teachers, teacher trainers, inspectors, and curriculum specialists from Francophone/Lusophone African countries. Participants will be drawn from schools and teacher training institutions. Minimum qualification will be a two-year teacher training diploma beyond secondary school. Very few (if any) participants will have studied in or have visited the United States. USIA is asking for detailed proposals from U.S. institutions of higher education which have an acknowledged reputation in the field of EFL/ESL and special expertise

in administering cross-cultural programs.

The general objective of the Institute is to support and encourage the upgrading of English teaching in Francophone/Lusophone countries. The program should be designed for secondary-level classroom teachers with responsibilities in course material development and curriculum planning, and teacher trainers with responsibilities in supervision and staff training, evaluating curriculum texts and materials for classroom teachers. Both groups have responsibility for assessing English language skills and proficiency.

**Time Frame and General Description**

The Institute should be programmed to last four and one-half weeks, beginning on or about July 7 and ending on or about August 10, 1987. Following the program at the university, participants will have a two-week professional/cultural tour of the U.S. which will be handled by a separate contract agency.

The applicant is asked to design a program with emphasis on methodology, supervision and teaching techniques in EFL/ESL which will meet special needs of secondary school teachers/teacher trainers, as well as needs of Francophone/Lusophone African countries. It should start with an orientation to the United States and the university community. The program should maintain a relative balance among discussion sessions, lectures, workshops, and practicums. Lengthy lectures should not be the usual format.

The academic program should be complemented by ample time for interaction with American students, faculty, and administrators, and the local community, to improve the participants' understanding of the United States.

In this regard, the Institute should incorporate cultural features such as community/cultural activities, educational tours, home visits, sports, civic events, or other opportunities for interacting with Americans.

**Program Objectives**

Some specific areas to address in the Institute are:

1. English-as-a-Foreign Language/English-as-a-Second Language training in theory and practice, methodology, and supervision; the role of psycholinguistics/sociolinguistics in teaching English to non-native English speakers.

2. Strengthening teaching skills in communication, pronunciation, syntax, writing, and reading.



3. Enhancement of pedagogical skills, curriculum development, development of teacher-made materials; development of curriculum materials (during the Institute) which can be used in home country.

4. Training teachers to handle individual and small group needs in classes with fifty or more students.

5. For teacher trainers: Enhancement of teacher training skills; evaluation and observation of classroom teachers; development of in-service training programs for teachers; designing and conducting workshops to train EFL/ESL teachers.

6. Visits to on-going EFL/ESL classes in local educational or community centers, providing participants with opportunities to practice EFL/ESL skills.

7. Involving participants in American culture through community/cultural activities. This must include interaction with a variety of ethnic groups.

8. Evaluation of various components of the Institute as well as the entire Institute.

A two-week professional/cultural tour of selected sites in the United States (beginning in Washington) will follow the Institute. A separate contract agency will be responsible for the post-Institute tour, and will handle all programming and logistics, management, and expenses of the tour. USIA will inform the Institute grantee of these arrangements at the time of the grant award. The university hosting the Institute will be expected to provide consultation and advice to the organization responsible for programming the post-Institute tour. (During the post-Institute tour participants will have diverse opportunities to interact with Americans; visit various EFL/ESL programs to supplement those of the Institute; discuss civic and local affairs with state and local officials; and tour state or national cultural and historical sites. The final two to three days will culminate with debriefing sessions at the port of departure.)

#### Requirements

All Institute programming and domestic travel logistics and on-site university arrangements will be the responsibility of the university, including enrolling participants in Teachers of English to Speakers of Other Languages (TESOL). USIA will be responsible for all communication to and from U.S. Embassies in Francophone/Lusophone African countries, and will provide the university with participants' biodata and itineraries, and offer any advice or guidance the university might find

useful. USIA will also handle travel arrangements from home countries to host institution. When participants arrive at the host institution they should be met by the university program staff.

If your university decides to submit a proposal, it should provide the following:

1. Narrative, total text not to exceed fifteen (15) double-spaced pages, including:

a. A brief (two-paged description of the participating university and participating department(s);

b. A detailed description of the proposed Institute program (in response to needs and priorities outlined above) including but not limited to: the name and qualifications of the designated project director; the roster of staff/instructors or representative sample of potential participants and their qualifications; a detailed, specific description of proposed activities, including a tentative day-by-day agenda.

2. A specific and detailed line item budget for both administrative and program costs. At a minimum, the following line items should be addressed:

a. Salaries, benefits, and services (or tuition), including support staff, for the program. Show for each individual what he/she will do (percentage of time on this project where appropriate, and how much he/she will be paid.)

b. Housing and board at the university, for example, faculty residences, graduate dormitories, home stays, or other if necessary.

c. Transportation costs for all travel during the course of the on-site University Institute (International travel arrangements will be made by USIA and or participating African posts, and domestic travel arrangements, i.e. reservations and purchasing tickets, for the post-Institute tour will be the responsibility of a separate programming agency);

d. Miscellaneous costs such as daily maintenance allowance (\$10.00 per participant), honoraria (including travel and per diem for consultants), film rental, certificates, cultural activities, support material, supplemental book allowance (\$150 per participant), and TESOL membership fees.

e. University contributions or cost-sharing and/or private sector contributions; and

f. Indirect costs which should be held to a minimum. Indirect costs may not be charged against program costs, i.e. participant travel and maintenance expenses.

(For your guidance, our experience with similar Institutes would indicate that the cost to the U.S. Government for this Institute should probably not exceed \$90,000. Based on the final number of participants, some modifications may be necessary following the grant award.

3. An Assurance of Compliance Form and an Application Cover Sheet which will be sent to you upon request.

4. Appendices, which should be kept to a minimum, must include:

a. Current *curricula vitae* of proposed faculty and consultants.

b. A brief summary of on-going EFL/ESL programs, active international educational programs.

c. A list of appropriate books, readings, or preparatory materials which should be sent to participants before their departure for the U.S., providing them with topics to be discussed, as well as practical suggestions for preparing them for their stay at the host university.

All applicants should draw imaginatively on the full range of resources offered by their universities but may involve outstanding professionals from other universities and organizations. The proposal must clearly demonstrate quality on-site management capabilities for the academic and cross-cultural components of the Institute. The overall quality and effectiveness of the Institute hinges upon good administrative and organizational capabilities to manage the interactions between foreign educators and Americans.

A panel of senior USIA officers experienced in EFL/ESL, the exchange of international educators, and African affairs will use the following criteria in evaluating proposals:

1. Quality, creative, imaginative design of the EFL/ESL Institute.

2. Clear evidence of the ability to deliver a substantive academic and pedagogical EFL/ESL program.

3. Demonstrated high quality EFL/ESL programs—experience with Francophone/Lusophone Africa is desirable.

4. Evidence of strong on-site administrative and managerial capabilities for international visitors with specific discussion of how managerial and logistical arrangements will be undertaken.

5. The experience of professionals and staff assigned to the Institute.

6. The ability to tap local and state resources for the orientation and Institute.

7. Access to EFL/ESL professionals and programs from various universities and organizations.



9. A quality evaluation at the conclusion of the institute.

10. *Cost-effectiveness.*

Applicants should submit one original and eleven (11) complete copies of their proposals by close of business January 30, 1987, to: Dr. Mark Blitz, Associate Director, Bureau of Educational and Cultural Affairs, Attn: E/AEA, U.S.

Information Agency, 301-4th street S.W., Room 849, Washington DC 20547.

USIA will provide the grantee with any other participant related information prior to the beginning of the program so adjustments can be made to suit participant needs. If you have any questions, please contact Dr. Winnie D. Emoungu, E/AEA, Bureau of

Educational and Cultural Affairs, USIA, 301 4th Street, Washington, DC 20547; or you may call her at (202)485-7355.

Dated: December 2, 1986.

**Mark Blitz,**  
*Associate Director, Bureau of Educational and Cultural Affairs.*

[FR Doc. 86-27467 Filed 12-5-86; 8:45 am]

BILLING CODE 8230-01-M



# Sunshine Act Meetings

Federal Register

Vol. 51, No. 235

Monday, December 8, 1986

This section of the FEDERAL REGISTER contains notices of meetings published under the "Government in the Sunshine Act" (Pub. L. 94-409) 5 U.S.C. 552b(e)(3).

## CONSUMER PRODUCT SAFETY COMMISSION

"FEDERAL REGISTER" ANNOUNCEMENT OF PREVIOUS CITATION: 51 FR 43492.

PREVIOUSLY ANNOUNCED TIME AND DATE OF MEETING: Dec. 2, 1986, 3:30 p.m.

CHANGES: Meeting Canceled.

Listed below is the Revised Agenda which was canceled.

DATE AND TIME: Tuesday, December 2, 1986, 3:30 p.m.

LOCATION: Room 456, Westwood Towers, 5401 Westbard Avenue, Bethesda, Md.

Open to the Public

### 1. General Policy Statement

The Commission will consider a proposed Statement of General Policy concerning the structure and workings of the Commission staff and the flow of information within the Agency.

### 2. FR '87 Operating Plan

The Commission will consider the 1987 Operating Plan.

Closed to the Public

### 3. Enforcement Matter OS #5168

The staff will continue to brief the Commission on Enforcement Matter OS #5168.

\*Agenda revised December 1, 1986 to change starting time to 3:30 p.m.

For a recorded message containing the latest agenda information, call: 301-492-5709.

### CONTACT PERSON FOR ADDITIONAL INFORMATION:

Sheldon D. Butts, Office of the Secretary, 5401 Westbard Ave., Bethesda, Md. 20207, 301-492-6800.

Sheldon D. Butts,

Deputy Secretary.

December 3, 1986.

[FR Doc. 86-27568 Filed 12-4-86; 11:07 am]

BILLING CODE 6355-04-M

## EQUAL EMPLOYMENT OPPORTUNITY COMMISSION

DATE AND TIME: 2:00 pm (Eastern Time)

Monday, December 15, 1986.

PLACE: Clarence M. Mitchell, Jr.,

Conference Room No. 200-C on the 2nd Floor of the Columbia Plaza Office Building, 2401 E Street, NW., Washington, DC 20507.

STATUS: Part will be open to the public and part will be closed to the public.

### MATTERS TO BE CONSIDERED:

#### Open

1. Announcement of Notation Vote(s)
2. A Report on Commission Operations (Optional)
3. Approval of Sole-Source Requirements for Library Subscription Source

#### Closed

1. Litigation Authorization; General Counsel Recommendations
2. Agency Adjudication and Determination on the Record of Federal Agency Discrimination Complaint Appeals

Note.—Any matter not discussed or concluded may be carried over to a later meeting. (In addition to publishing notices on EEOC Commission meetings in the *Federal Register*, the Commission also provides a recorded announcement a full week in advance on future Commission sessions. Please telephone (202) 634-6748 at all times for information on these meetings.)

### CONTACT PERSON FOR MORE INFORMATION:

Cynthia C. Matthews, Executive Officer at (202) 634-6748.

Dated and issued: December 3, 1986.

Cynthia C. Matthews,

Executive Officer, Executive Secretariat.

[FR Doc. 86-27537 Filed 12-3-86; 4:04 pm]

BILLING CODE 6750-06-M

## OVERSEAS PRIVATE INVESTMENT CORPORATION

(Meeting of the Board of Directors)

TIME AND DATE: 9:30 a.m. (closed portion), 10:30 a.m. (open portion) Thursday, December 18, 1986.

PLACE: Offices of the Corporation, fourth floor Board Room, 1615 M Street NW., Washington, DC.

STATUS: The first part of the meeting from 9:30 a.m. to 10:30 a.m. will be closed to the public. The open portion of the meeting will start at 10:30 a.m.

MATTERS TO BE CONSIDERED: (Closed to the public 9:30 a.m. to 10:30 a.m.):

1. OPIC Privatization Status.
2. Insurance Project in Near Eastern Country.

3. Insurance Project in Caribbean Country.
4. Facultative Reinsurance Pilot Program.
5. Claims Report.
6. Information Report: Finance.
7. Information Report: General.
8. China Projects: Status Report.
9. Insurance: Policy Term.

### FURTHER MATTERS TO BE CONSIDERED: (Open to the public 10:30 a.m.)

1. Approval of the Minutes of the Previous Board Meetings.
2. Approval of Proposed Regular Meeting of the Board.
3. Public Hearing.
4. Personnel Action.
5. Information Reports.

### CONTACT PERSON FOR INFORMATION:

Information with regard to the meeting may be obtained from the Secretary of the Corporation at (202) 457-7007.

Mildred A. Osowski,

Corporate Secretary.

December 4, 1986.

[FR Doc. 86-27583 Filed 12-4-86; 12:05 pm]

BILLING CODE 3210-01-M

## SECURITIES AND EXCHANGE COMMISSION

Notice is hereby given, pursuant to the provisions of the Government in the Sunshine Act, Pub. L. 94-409, that the Securities and Exchange Commission will hold the following meeting during the week of December 8, 1986:

A closed meeting will be held on Tuesday, December 9, 1986, at 2:30 p.m.

The Commissioners, Counsel to the Commissioners, the Secretary of the Commission, and recording secretaries will attend the closed meeting. Certain staff members who are responsible for the calendared matters may also be present.

The General Counsel of the Commission, or his designee, has certified that, in his opinion, one or more of the exemptions set forth in 5 U.S.C. 552(c)(4), (8), (9)(A) and (10) and 17 CFR 200.402(a)(4), (8), (9)(i) and (10), permit consideration of the scheduled matters at a closed meeting.

Commissioner Grundfest, as duty officer, voted to consider the items listed for the closed meeting in closed session.



The subject matter of the closed meeting scheduled for Tuesday, December 9, 1986, at 2:30 p.m., will be:

- Settlement of administrative proceeding of an enforcement nature.
- Litigation matters.
- Institution of injunctive action.
- Institution of administrative proceedings of an enforcement nature.
- Formal orders of investigation.

At times changes in Commission priorities require alterations in the scheduling of meeting items. For further information and to ascertain what, if any, matters have been added, deleted or postponed, please contact: Judith Axe at (202) 272-2092.

Jonathan G. Katz,  
Secretary.

December 4, 1986.

[FR Doc. 86-27627 Filed 12-4-86; 4:00 pm]

BILLING CODE 8010-01-M



# Corrections

Federal Register

Vol. 51, No. 235

Monday, December 8, 1986

This section of the FEDERAL REGISTER contains editorial corrections of previously published Rule, Proposed Rule, and Notice documents and volumes of the Code of Federal Regulations. These corrections are prepared by the Office of the Federal Register. Agency-prepared corrections are issued as signed documents and appear in the appropriate document categories elsewhere in the issue.

## SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-23837; File No. SR-PSE-86-23]

**Self-Regulatory Organizations; Proposed Rule Change by the Pacific Stock Exchange Inc. Relating to the Establishment of a Rule Allowing for the Utilizations of the SCOREX System for the Transmittal (Routing Only) of Market and Limit Orders in Local Issues Traded on the Pacific Stock Exchange Equity Trading Floors**

### Correction

In notice document 86-27129 beginning on page 43703 in the issue of Wednesday, December 3, 1986, make the following correction:

On page 43704, in the second column, in the twelfth line "25" should read "24".

BILLING CODE 1505-01-D

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Parts 71 and 73

[Airspace Docket No. 86-AGL-25]

**Proposed Relocation and Subdivision of Restricted Area R-5503 Wilmington, OH, into R-5503A and R-5503B**

### Correction

In proposed rule document 86-26345 beginning on page 42256 in the issue of Monday, November 24, 1986, make the following corrections:

1. On page 42256, in the first column, under **FOR FURTHER INFORMATION CONTACT**, the last line should read "267-9246".

#### § 73.55 [Corrected]

2. On page 42257, in the first column, in § 73.55—

a. In the heading **R-5503A Wilmington, OH, [Removed]** should read **[New]** and

b. Under the same heading, in the sixth line "82" should read "83".

BILLING CODE 1505-01-D

## VETERANS ADMINISTRATION

### 48 CFR Part 833

#### Acquisition Regulations Concerning Competition in Contracting

### Correction

In rule document 86-14334 beginning on page 23065 in the issue of Wednesday, June 25, 1986, make the following correction:

On page 23072, in § 833.212, in the third column, paragraphs (b)(2) through (b)(5) were omitted and should have read as follows:

#### § 833.212 [Corrected]

\* \* \* \* \*

(b) \* \* \*

(2) The contract, including specifications and pertinent amendments, plans and drawings;

(3) All correspondence between the parties pertinent to the appeal, including the letter or letters of claim in response to which the decision was issued;

(4) Transcripts of any testimony taken during the course of proceedings and affidavits or statements of any witnesses on the matter in dispute made prior to the filing of the notice of appeal with the VABC; and

(5) Any additional information considered pertinent.

BILLING CODE 1505-01-D



1984



# **Federal Register**

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**Monday  
December 8, 1986**

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## **Part II**

### **Department of Transportation**

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#### **Coast Guard**

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**46 CFR Part 150**

**Compatibility of Cargoes; Notice of  
Proposed Rulemaking**



## DEPARTMENT OF TRANSPORTATION

## Coast Guard

## 46 CFR Part 150

(CGD 86-100)

## Compatibility of Cargoes

AGENCY: Coast Guard, DOT.

ACTION: Notice of proposed rulemaking.

**SUMMARY:** This proposed rule amends the requirements for compatible stowage of bulk liquid hazardous materials on tank vessels by adding materials recently authorized by the Coast Guard for carriage and by making minor technical changes. This action would update the current regulations and better inform persons loading bulk liquid chemical cargoes of their compatibility.

**DATE:** Comments must be received on or before January 7, 1987.

**ADDRESSES:** Comments should be mailed to Commandant (G-CMC/21) (CGD 86-100), U.S. Coast Guard, Washington, DC 20593. Comments are available for examination and copying between 8 a.m. and 3 p.m., Monday through Friday, except holidays, at the Office of the Marine Safety Council, Room 2110, U.S. Coast Guard Headquarters, 2100 Second Street, SW., Washington, DC, (202) 267-1477. Comments may also be hand delivered to this office.

**FOR FURTHER INFORMATION CONTACT:** Dr. Michael C. Parnarouskis, Hazardous Materials Branch, Office of Marine Safety, Security and Environmental Protection, (202) 267-1577.

**SUPPLEMENTARY INFORMATION:** The public is invited to participate in this proposed rulemaking by submitting written views, data, or arguments. Each comment should include the name and address of the person submitting the comment, reference the docket number (CGD 86-100) and the specific section of the proposal to which each comment applies, and give the reason for the comment. Persons desiring acknowledgement that their comments have been received should enclose a stamped, addressed postcard or envelope.

The proposal may be changed in light of comments received. All comments received before the expiration of the comment period will be considered before final action is taken on this

proposal. No public hearing is planned, but one may be held if written requests for a hearing are received and it is determined that the opportunity to make oral presentations will aid the rulemaking process.

## Drafting Information

The principal persons involved in drafting this document are Dr. Michael C. Parnarouskis and Mr. Stephen H. Barber, Office of Chief Counsel.

## Discussion of Proposed Amendments

Coast Guard requirements for compatible stowage of bulk liquid hazardous materials on tank vessels are found in 46 CFR Part 150. This part contains a "Compatibility Chart" for use in determining whether any two classes of materials will react dangerously if accidentally mixed. This allows cargo handlers to stow incompatible materials so as to minimize the possibility of contact. Each year, the Compatibility Chart and its companion tables and appendices are revised by the Coast Guard to include new chemical cargoes authorized for carriage under other regulations within Title 46. The previous revision was published August 16, 1985 (50 FR 33037).

In this proposed revision, the Compatibility Chart would be amended to delete all footnotes which no longer apply. Tables I and II and Appendix I at the end of Part 150 would be amended to include chemical cargoes recently authorized for carriage by the Coast Guard and to correct various spelling errors. Items added or changed by this proposal, other than editorial corrections, are printed in boldface type in Table I and Appendix I and indicated by bullets (\*) in Table II to attract the reader's attention to the changes.

## Regulatory Evaluation

These proposed regulations are considered to be non-major under Executive Order 12291 and nonsignificant under the DOT regulatory policies and procedures (44 FR 11034; February 26, 1979).

Part 150 neither authorizes nor prohibits the carriage of a particular cargo. Cargoes are authorized for carriage under 46 CFR Parts 151, 153, 154, and 154a. The regulations in Part 150 identify those authorized cargoes which are not compatible and prescribe minimum standards for keeping incompatible cargoes separated while being carried. Therefore, the rules in this

part have only a minimal economic impact. The proposed amendments would add materials authorized since August 1985 and correct typographical errors. Because the economic impact of this proposal has been found to be so minimal, further evaluation is unnecessary.

## Regulatory Flexibility Act

Because the economic impact of this proposal is expected to be minimal for the reasons stated in the "Regulatory Evaluation" section of this preamble, the Coast Guard certifies in accordance with the Regulatory Flexibility Act (5 U.S.C. 605(b)), that this proposal will not have a significant economic impact on a substantial number of small entities.

## Paperwork Reduction Act

This proposed rulemaking contains no information collection or recordkeeping requirements.

## Environmental Assessment

The Coast Guard has considered the environmental impact of the proposed regulations and concluded that preparation of an environmental impact statement is not necessary. An environmental assessment with a finding of no significant impact has been prepared and is on file in the rulemaking docket.

## List of Subjects in 46 CFR Part 150

Hazardous materials transportation, Marine safety.

For the reasons set out in the preamble, Title 46, Chapter I, Part 150 of the Code of Federal Regulations is proposed to be amended as follows:

## PART 150—COMPATIBILITY OF CARGOES

1. The authority citation for Part 150 is revised to read as follows and all other authority citations are removed:

Authority: 46 U.S.C. 3703; 49 U.S.C. 1804; 49 CFR 1.46(b), (t), (u); § 150.105 issued under 44 U.S.C. 3507(f), 49 CFR 1.45(a)(2).

## § 150.140 [Amended]

2. By revising the telephone number in § 150.140 to read "(202) 267-1577".

3. In Figure 1—Compatibility Chart, by adding a headnote to read "[X indicates incompatible groups]" and by removing all footnotes.

4. By revising Tables I, II, and Appendix I to read as follows:



TABLE I - ALPHABETICAL LIST OF CARGOES

(Entries in **boldface** are new additions or changes)

| Chemical name                                                   | Group No.        | CHRIS code | Related CHRIS codes                |
|-----------------------------------------------------------------|------------------|------------|------------------------------------|
| Acetaldehyde.....                                               | 19               | AAD        |                                    |
| Acetic acid.....                                                | <sup>2</sup> 4   | AAC        |                                    |
| Acetic anhydride.....                                           | 11               | ACA        |                                    |
| Acetone.....                                                    | <sup>2</sup> 18  | ACT        |                                    |
| Acetonitrile.....                                               | 37               | ATN        |                                    |
| Acetophenone.....                                               | 18               | ACP        |                                    |
| Acetyl tributyl citrate.....                                    | 34               |            |                                    |
| Acrolein.....                                                   | <sup>2</sup> 19  | ARL        |                                    |
| Acrylamide solution.....                                        | 10               | AAM        |                                    |
| Acrylic acid.....                                               | <sup>2</sup> 4   | ACR        |                                    |
| Acrylonitrile.....                                              | <sup>2</sup> 15  | ACN        |                                    |
| Adiponitrile.....                                               | 37               | ADN        |                                    |
| Alcohols (mixed).....                                           | 20               |            |                                    |
| <b>Alkyl acrylate-Vinyl pyridine copolymer in Toluene</b> ..... | 32               | <b>AAP</b> |                                    |
| Alkyl benzene sulfonic acid.....                                | <sup>1,2</sup> 0 | ABS        |                                    |
| Alkyl phthalates.....                                           | 34               |            |                                    |
| Allyl alcohol.....                                              | <sup>2</sup> 15  | ALA        |                                    |
| Allyl chloride.....                                             | 15               | ALC        |                                    |
| <b>Aluminum sulfate solution</b> .....                          | <sup>2</sup> 43  | <b>ASX</b> | <b>ALM</b>                         |
| 2-(2-Aminoethoxy)ethanol.....                                   | 8                | AEX        |                                    |
| Aminoethyl ethanolamine.....                                    | 8                | AEE        |                                    |
| N-Aminoethylpiperazine.....                                     | 7                | AEP        |                                    |
| <b>2-Amino-2-hydroxymethyl-1,3-propanediol solution</b> .....   | 43               | <b>AHL</b> |                                    |
| 2-Amino-2-methyl-1-propanol.....                                | 8                | APR        |                                    |
| Ammonia, anhydrous.....                                         | 6                | AMA        |                                    |
| Ammonium bisulfite solution.....                                | <sup>2</sup> 43  | <b>ABX</b> | ASU                                |
| Ammonium hydroxide (28 pct. or less Ammonia).....               | 6                | AMH        |                                    |
| <b>Ammonium nitrate solution</b> .....                          | <sup>1</sup> 0   | <b>ANR</b> | <b>AMN</b>                         |
| Ammonium nitrate, Urea solution (containing Ammonia).....       | 6                | UAS        |                                    |
| Ammonium nitrate, Urea solution (not containing Ammonia).....   | 43               | ANU        |                                    |
| Ammonium polyphosphate solution.....                            | 43               |            |                                    |
| Ammonium sulfate solution.....                                  | 43               |            | AMS                                |
| Ammonium sulfide solution.....                                  | 5                | ASS        | ASF                                |
| <b>Ammonium thiosulfate solution</b> .....                      | 43               | <b>ATV</b> |                                    |
| Amyl acetate.....                                               | 34               |            | IAT/AML/AAS/<br>AYA/AEC<br>IAA/AAN |
| Amyl alcohol.....                                               | 20               |            |                                    |
| Amylene.....                                                    | 30               |            |                                    |
| Amyl methyl ketone.....                                         | 18               | AMK        |                                    |
| Amyl tallate.....                                               | 34               |            |                                    |
| Aniline.....                                                    | 9                | ANL        |                                    |
| <b>Anthracene oil (Coal tar fraction)</b> .....                 | 33               | <b>AHO</b> |                                    |
| Asphalt.....                                                    | 33               | ASP        |                                    |
| Asphalt blending stocks, roofers flux.....                      | 33               | ARF        |                                    |
| Asphalt blending stocks, straight run residue.....              | 33               | ASR        |                                    |
| Behenyl alcohol.....                                            | 20               |            |                                    |
| Benzene.....                                                    | 32               | BNZ        |                                    |
| Benzene, Hydrocarbon mixtures (10 pct. Benzene or more).....    | 32               | BHB        |                                    |
| Benzene, Toluene, Xylene mixtures.....                          | 32               | BTX        |                                    |
| Benzyl alcohol.....                                             | 21               | BAL        |                                    |
| Benzyl chloride.....                                            | 36               | BCL        |                                    |
| Butadiene.....                                                  | 30               | BDI        |                                    |
| Butadiene, Butene mixtures (cont. Acetylenes).....              | 30               | BBM        |                                    |
| Butane.....                                                     | 31               | BMX        | IBT/BUT                            |
| Butene.....                                                     | 30               | BTN        | IBL                                |
| Butyl acetate.....                                              | 34               |            | IBA/BCN/BTA/<br>BYA                |
| Butyl acrylate.....                                             | 14               | BAR        | BAI/BTC                            |
| Butyl alcohol.....                                              | <sup>2</sup> 20  |            | IAL/BAN/BAS/<br>BAT                |
| Butylamine.....                                                 | 7                | BTY        | IAM/BAM/BTL/<br>BUA                |
| <b>Butyl benzene</b> .....                                      | 32               | <b>BBE</b> |                                    |
| Butyl benzyl phthalate.....                                     | 34               | BPH        |                                    |
| Butylene.....                                                   | 30               |            | BTN/IBL                            |
| Butylene glycol.....                                            | <sup>2</sup> 20  |            |                                    |
| Butylene oxide.....                                             | 16               | BTO        |                                    |
| Butyl ether.....                                                | 41               | BTE        |                                    |
| Butyl formate.....                                              | 34               | BFN        | BFI                                |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in **boldface** are new additions or changes]

| Chemical name                                                                     | Group No. | CHRIS code | Related CHRIS codes |
|-----------------------------------------------------------------------------------|-----------|------------|---------------------|
| Iso-Butyl isobutyrate                                                             | 34        | <b>BIB</b> |                     |
| Butyl methacrylate                                                                | 14        | BMH        | BMI/BMM             |
| Butyl methacrylate, Decyl methacrylate, <b>Cetyl-Eicosyl methacrylate mixture</b> | 14        | DER        |                     |
| Butyraldehyde                                                                     | 19        | BAE        | BAD/BTR/BFA         |
| Butyric acid                                                                      | 4         | BRA        | IBR                 |
| Calcium bromide solution                                                          | 43        |            |                     |
| <b>Calcium bromide, Zinc bromide solution</b>                                     | 43        | <b>CZB</b> |                     |
| Calcium chloride solution                                                         | 43        |            | CLC                 |
| <b>Calcium naphthenate in Mineral oil</b>                                         | 34        | <b>CNM</b> |                     |
| Calcium sulfonate, Calcium carbonate, Hydrocarbon solvent mixture                 | 33        |            |                     |
| Camphor oil                                                                       | 18        | CPO        |                     |
| Caprolactam solution                                                              | 22        | CLS        |                     |
| Carbolic oil                                                                      | 21        | CBO        |                     |
| Carbon black base                                                                 | 33        |            |                     |
| Carbon disulfide                                                                  | 38        | CBB        |                     |
| Carbon tetrachloride                                                              | 36        | CBT        |                     |
| Cashew nut shell oil (untreated)                                                  | 4         | OCN        |                     |
| Caustic potash solution                                                           | 25        | CPS        |                     |
| Caustic soda solution                                                             | 25        | CSS        |                     |
| <b>Cetyl-Eicosyl methacrylate</b>                                                 | 14        | CEM        |                     |
| Chlorine                                                                          | 10        | CLX        |                     |
| Chloroacetic acid solution                                                        | 4         | CHM        | CHL/MCA             |
| Chlorobenzene                                                                     | 36        | CRB        |                     |
| Chlorodifluoromethane                                                             | 36        | MCF        |                     |
| Chloroform                                                                        | 36        | CRF        |                     |
| <b>Chlorohydrins</b>                                                              | 17        | <b>CHD</b> |                     |
| Chloronitrobenzene, see o-Nitrochlorobenzene                                      |           |            |                     |
| <b>Chloropropionic acid</b>                                                       | 4         | <b>CPM</b> | CNO/CNP             |
| Chlorosulfonic acid                                                               | 10        | CSA        | <b>CLA/CLP</b>      |
| Chlorotoluene                                                                     | 36        | CHI        | CTM/CTO/CRN         |
| Choline chloride solutions                                                        | 20        |            |                     |
| <b>Coal tar pitch</b>                                                             | 33        | <b>CTP</b> |                     |
| Corn syrup                                                                        | 43        | CSY        |                     |
| Creosote                                                                          | 21        | CCT        | CCW/CWD             |
| Cresols                                                                           | 21        | CRS        | CRL/CRO/CSO         |
| Cresylate spent caustic                                                           | 5         | CSC        |                     |
| Cresylic acid                                                                     | 21        | CRY        |                     |
| Crotonaldehyde                                                                    | 19        | CTA        |                     |
| Cumene                                                                            | 32        | CUM        |                     |
| Cycloaliphatic resins                                                             | 31        |            |                     |
| Cyclohexane                                                                       | 31        | CHX        |                     |
| Cyclohexane oxidation product acid water                                          | 4         |            |                     |
| Cyclohexanol                                                                      | 20        | CHN        |                     |
| Cyclohexanone                                                                     | 18        | CCH        |                     |
| Cyclohexanone, Cyclohexanol mixtures                                              | 18        | CYX        |                     |
| Cyclohexylamine                                                                   | 7         | CHA        |                     |
| Cyclopentadiene polymers                                                          | 30        |            |                     |
| Cyclopentadiene, Styrene, Benzene mixtures                                        | 30        | CSB        |                     |
| Cymene                                                                            | 32        | CMP        |                     |
| Decaldehyde                                                                       | 19        |            | IDA/DAL             |
| Decane                                                                            | 31        | DDC        |                     |
| Decene                                                                            | 30        | DCE        |                     |
| Decyl acrylate                                                                    | 14        | DAT        | IAI/DAR             |
| Decyl alcohol                                                                     | 20        | <b>DAX</b> | ISA/DAN             |
| Decyl benzene                                                                     | 32        | DBZ        |                     |
| Dextrose solution                                                                 | 43        | DTS        |                     |
| Diacetone alcohol                                                                 | 20        | DAA        |                     |
| Diammonium salt of Zinc EDTA solution                                             | 43        | DSZ        |                     |
| Dibutylamine                                                                      | 7         | DBA        |                     |
| Dibutyl phthalate                                                                 | 34        | DPA        |                     |
| Dichlorobenzene                                                                   | 36        |            | DBM/DBO/DBP         |
| Dichlorodifluoromethane                                                           | 36        | DCF        |                     |
| 1,1-Dichloroethane                                                                | 36        | DCH        |                     |
| 2,2'-Dichloroethyl ether                                                          | 41        | DEE        |                     |
| 2,2'-Dichloroisopropyl ether                                                      | 36        | DCI        |                     |
| Dichloromethane (Methylene chloride)                                              | 36        | DCM        |                     |
| 2,4-Dichlorophenol                                                                | 21        | DCP        |                     |
| 2,4-Dichlorophenoxyacetic acid, Dimethylamine salt                                | 10        |            | DDA/DSX             |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in **boldface** are new additions or changes]

| Chemical name                                                           | Group No. | CHRIS code | Related CHRIS codes            |
|-------------------------------------------------------------------------|-----------|------------|--------------------------------|
| Dichloropropane.....                                                    | 36        | DPX        | DPB/DPP/<br>DPC/DPL<br>DPF/DPU |
| 1,3-Dichloropropene.....                                                | 15        | DPS        |                                |
| Dichloropropene, Dichloropropane mixtures.....                          | 15        | DMX        |                                |
| 2,2-Dichloropropionic acid.....                                         | 4         | DCN        |                                |
| Dicyclopentadiene.....                                                  | 30        | DPT        |                                |
| Diethanolamine.....                                                     | 8         | DEA        |                                |
| Diethylamine.....                                                       | 7         | DEN        |                                |
| Diethylaminoethanol.....                                                | 8         |            | DAE                            |
| Diethylbenzene.....                                                     | 32        | DEB        |                                |
| Diethylene glycol.....                                                  | 40        | DEG        |                                |
| Diethylene glycol monobutyl ether.....                                  | 40        | DME        |                                |
| Diethylene glycol monobutyl ether acetate.....                          | 34        | DEM        |                                |
| Diethylene glycol monoethyl ether.....                                  | 40        | DGE        |                                |
| Diethylene glycol monomethyl ether.....                                 | 40        | DGM        |                                |
| Diethylene glycol monophenyl ether.....                                 | 40        |            |                                |
| Diethylenetriamine.....                                                 | 27        | DET        |                                |
| Diethylethanolamine.....                                                | 8         | DAE        |                                |
| Di-(2-ethylhexyl)phosphoric acid.....                                   | 1         | DEP        |                                |
| Di-(ethylhexyl)phthalate.....                                           | 34        |            | DIO/DOP                        |
| <b>Diethyl phthalate</b> .....                                          | <b>34</b> | <b>DPH</b> |                                |
| Diethyl sulfate.....                                                    | 34        | DSU        |                                |
| Diglycidyl ether of Bisphenol A.....                                    | 41        | BDE        | BPA                            |
| Diheptyl phthalate.....                                                 | 34        | DHP        |                                |
| Di-n-hexyl adipate.....                                                 | 34        |            |                                |
| Diisobutylamine.....                                                    | 7         | DBU        |                                |
| Diisobutyl carbinol.....                                                | 20        | DBC        |                                |
| Diisobutylene.....                                                      | 30        | DBL        |                                |
| Diisobutyl ketone.....                                                  | 18        | DIK        |                                |
| Diisodecyl phthalate.....                                               | 34        | DID        |                                |
| Diisononyl adipate.....                                                 | 34        |            |                                |
| Diisononyl phthalate.....                                               | 34        | DIN        |                                |
| Diisooctyl phthalate.....                                               | 34        | DIO        |                                |
| Diisopropanolamine.....                                                 | 8         | DIP        |                                |
| Diisopropylamine.....                                                   | 7         | DIA        |                                |
| Diisopropyl benzene.....                                                | 32        | DIX        |                                |
| Diisopropyl naphthalene.....                                            | 32        | DII        |                                |
| Dimethyl acetamide.....                                                 | 10        | DAC        |                                |
| Dimethyl adipate.....                                                   | 34        |            |                                |
| Dimethylamine.....                                                      | 7         | DMA        | DMC/DMG/<br>DMY                |
| <b>Dimethylamine solution</b> .....                                     | <b>7</b>  |            | <b>DMC/DMG/<br/>DMY</b>        |
| Dimethylamine salt of 4-Chloro-2-methylphenoxyacetic acid solution..... | 9         | DSY        |                                |
| Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid solution.....      | 1,20      | DDA        | DSX                            |
| Dimethylcyclosiloxane hydrolyzate.....                                  | 34        |            |                                |
| N,N-Dimethylcyclohexylamine.....                                        | 7         | DXN        |                                |
| Dimethylethanolamine.....                                               | 8         | DMB        |                                |
| Dimethylformamide.....                                                  | 10        | DMF        |                                |
| Dimethyl furan.....                                                     | 41        |            |                                |
| Dimethyl glutarate.....                                                 | 34        |            |                                |
| Dimethyl hydrogen phosphite.....                                        | 234       | DPI        |                                |
| 2,2-Dimethyloctanoic acid.....                                          | 4         | DMO        |                                |
| Dimethyl phthalate.....                                                 | 34        | DTL        |                                |
| Dimethyl polysiloxane.....                                              | 34        | DMP        |                                |
| 2,2-Dimethylpropane-1,3-diol.....                                       | 20        |            |                                |
| Dimethyl succinate.....                                                 | 34        |            |                                |
| Dinonyl phthalate.....                                                  | 34        |            |                                |
| <b>Dinitrotoluene</b> .....                                             | <b>42</b> | <b>DNM</b> |                                |
| Diocetyl phthalate.....                                                 | 34        | DOP        |                                |
| 1,4-Dioxane.....                                                        | 41        | DOX        |                                |
| Dipentene.....                                                          | 30        | DPN        |                                |
| <b>Diphenyl</b> .....                                                   | <b>32</b> | <b>DIL</b> |                                |
| Diphenyl, Diphenyl oxide.....                                           | 33        | DDO        | DTH                            |
| <b>Diphenyl ether</b> .....                                             | <b>41</b> | <b>DPE</b> |                                |
| Diphenylmethane diisocyanate.....                                       | 12        | DPM        |                                |
| <b>Diphenylol propane-Epichlorohydrin resins</b> .....                  | <b>10</b> | <b>DPR</b> |                                |
| Diphenyl oxide, Diphenyl phenyl ether mixture.....                      | 41        | DOB        |                                |
| Di-n-Propylamine.....                                                   | 7         | DNA        |                                |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in **boldface** are new additions or changes]

| Chemical name                                             | Group No. | CHRIS code | Related CHRIS codes         |
|-----------------------------------------------------------|-----------|------------|-----------------------------|
| Dipropylene glycol.....                                   | 40        | DPG        |                             |
| Dipropylene glycol dibenzoate.....                        | 34        |            |                             |
| Distillates, flashed feed stocks.....                     | 33        | DFE        |                             |
| Distillates, straight run.....                            | 33        | DSR        |                             |
| Diundecyl phthalate.....                                  | 34        | DUP        |                             |
| Dodecane.....                                             | 31        |            |                             |
| Dodecanol.....                                            | 20        | DDN        | LAL                         |
| Dodecene.....                                             | 30        | <b>DOZ</b> | DDC/DOD                     |
| Dodecylamine, Tetradecylamine mixture.....                | 27        | DTA        |                             |
| Dodecylbenzene.....                                       | 32        | DDB        |                             |
| Dodecyl diphenyl oxide disulfonate solution.....          | 43        | DOS        |                             |
| Dodecyl methacrylate.....                                 | 14        | DDM        |                             |
| <b>Dodecyl-Pentadecyl methacrylate</b> .....              | 14        | DDP        |                             |
| Dodecyl phenol.....                                       | 21        | DOL        |                             |
| Epichlorohydrin.....                                      | 17        | EPC        |                             |
| Epoxy resin.....                                          | 18        |            |                             |
| Ethane.....                                               | 31        | ETH        |                             |
| Ethanolamine.....                                         | 8         | MEA        |                             |
| <b>2-Ethoxyethyl acetate</b> .....                        | 34        | <b>EEA</b> |                             |
| Ethoxylated alcohols, C11-C15.....                        | 20        |            | EOD/ENP/<br>EOP/EOT/<br>ETD |
| Ethoxy triglycol.....                                     | 40        | ETG        |                             |
| Ethyl acetate.....                                        | 34        | ETA        |                             |
| Ethyl acetoacetate.....                                   | 34        | EAA        |                             |
| Ethyl acrylate.....                                       | 14        | EAC        |                             |
| Ethyl alcohol.....                                        | 20        | EAL        |                             |
| Ethylamine.....                                           | 27        | EAM        |                             |
| Ethylamine solution.....                                  | 7         | EAN        |                             |
| Ethyl benzene.....                                        | 32        | ETB        |                             |
| Ethyl butanol.....                                        | 20        | EBT        |                             |
| N-Ethyl-n-butylamine.....                                 | 7         | EBA        |                             |
| Ethyl butyrate.....                                       | 34        | EBR        |                             |
| Ethyl chloride.....                                       | 36        | ECL        |                             |
| N-Ethyl cyclohexylamine.....                              | 7         | ECC        |                             |
| Ethylene.....                                             | 30        | ETL        |                             |
| Ethylene chlorohydrin.....                                | 20        | ECH        |                             |
| Ethylene cyanohydrin.....                                 | 20        | ETC        |                             |
| Ethylenediamine.....                                      | 27        | EDA        | EMX                         |
| Ethylene dibromide.....                                   | 36        | EDB        |                             |
| Ethylene dichloride.....                                  | 36        | EDC        |                             |
| <b>Ethyl-2-ethoxypropionate</b> .....                     | 34        |            |                             |
| Ethylene glycol.....                                      | 20        | EGL        |                             |
| <b>Ethylene glycol diacetate</b> .....                    | 34        | <b>EGY</b> |                             |
| Ethylene glycol monobutyl ether.....                      | 40        | EGM        |                             |
| Ethylene glycol monobutyl ether acetate.....              | 34        | EMA        |                             |
| Ethylene glycol monoethyl ether.....                      | 40        | EGE        |                             |
| Ethylene glycol monoethyl ether acetate.....              | 34        | EGA        |                             |
| Ethylene glycol monoisopropyl ether.....                  | 40        |            |                             |
| Ethylene glycol monomethyl ether.....                     | 40        | EME        |                             |
| Ethylene glycol phenyl ether.....                         | 40        |            |                             |
| Ethylene oxide.....                                       | 10        | EOX        |                             |
| Ethylene oxide, Propylene oxide mixture.....              | 16        | EPM        |                             |
| Ethylene-Vinyl acetate copolymer emulsion.....            | 43        |            |                             |
| Ethyl ether.....                                          | 41        | EET        |                             |
| Ethylhexaldehyde.....                                     | 19        | EHA        |                             |
| 2-Ethylhexanol.....                                       | 20        | EHX        |                             |
| 2-Ethylhexanoic acid.....                                 | 4         |            |                             |
| 2-Ethylhexyl acrylate.....                                | 14        | EAI        |                             |
| 2-Ethyl hexylamine.....                                   | 7         | EHM        |                             |
| <b>Ethyl hexyl phthalate</b> .....                        | 34        | <b>EHE</b> |                             |
| Ethyl hexyl tallate.....                                  | 34        | EHT        |                             |
| Ethylidene norbornene.....                                | 30        | ENB        |                             |
| Ethyl methacrylate.....                                   | 14        | ETM        |                             |
| 2-Ethyl-6-methyl-N-(1'-methyl-2-methoxyethyl)aniline..... | 9         | EEM        |                             |
| <b>o-Ethyl phenol</b> .....                               | 21        | <b>EPL</b> |                             |
| Ethyl propionate.....                                     | 34        | EPR        |                             |
| 2-Ethyl-3-propylacrolein.....                             | 19        | EPA        |                             |
| <b>Ethyl toluene</b> .....                                | 32        | <b>ETE</b> |                             |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in boldface are new additions or changes]

| Chemical name                                                                        | Group No.       | CHRIS code | Related CHRIS codes |
|--------------------------------------------------------------------------------------|-----------------|------------|---------------------|
| Fatty acid amides.....                                                               | 33              |            |                     |
| <b>Fatty alcohols</b> .....                                                          | <b>20</b>       | <b>FAT</b> |                     |
| Formaldehyde, Methanol mixtures.....                                                 | <sup>2</sup> 19 | MTM        |                     |
| Formaldehyde solution.....                                                           | <sup>2</sup> 19 | FMS        |                     |
| Formamide.....                                                                       | 10              | FAM        |                     |
| Formic acid.....                                                                     | <sup>2</sup> 4  | FMA        |                     |
| <b>Fumaric adduct of Rosin, water dispersion</b> .....                               | <b>43</b>       | <b>FAR</b> |                     |
| Furfural.....                                                                        | 19              | FFA        |                     |
| Furfuryl alcohol.....                                                                | <sup>2</sup> 20 | FAL        |                     |
| Gas oil, cracked.....                                                                | 33              | GOC        |                     |
| Gasoline blending stock, alkylates.....                                              | 33              | GAK        |                     |
| Gasoline blending stock, reformates.....                                             | 33              | GRF        |                     |
| Gasolines:                                                                           |                 |            |                     |
| Automotive (not over 4.23 grams lead per gal.).....                                  | 33              | GAT        |                     |
| Aviation (not over 4.86 grams lead per gal.).....                                    | 33              | GAV        |                     |
| Casinghead (natural).....                                                            | 33              | GCS        |                     |
| Polymer.....                                                                         | 33              | GPL        |                     |
| Straight run.....                                                                    | 33              | GSR        |                     |
| Glutaraldehyde solution.....                                                         | 19              | GTA        |                     |
| Glycerine.....                                                                       | <sup>2</sup> 20 | GCR        |                     |
| Glyceryl triacetate.....                                                             | 34              |            |                     |
| Glycidyl ester of Versatic acid.....                                                 | 34              |            |                     |
| Glycol diacetate.....                                                                | 34              |            |                     |
| Glycols, Resins, and Solvents mixture.....                                           | 33              |            |                     |
| Glyoxal solutions.....                                                               | 19              | GOS        |                     |
| Heptane.....                                                                         | 31              | HPT        |                     |
| n-Heptanoic acid.....                                                                | 4               | HEP        |                     |
| Heptanol.....                                                                        | 20              | HTN        |                     |
| 1-Heptene.....                                                                       | 30              | HTE        |                     |
| <b>Heptyl acetate</b> .....                                                          | <b>34</b>       | <b>HPE</b> |                     |
| Herbicide (C15-H22-NO2-Cl).....                                                      | 33              |            |                     |
| Hexamethylenediamine solution.....                                                   | 7               | HMC        | HMD                 |
| Hexamethylenetetramine.....                                                          | 7               | HMT        |                     |
| Hexamethylenimine.....                                                               | 7               | HMI        |                     |
| Hexane.....                                                                          | <sup>2</sup> 31 | HXA        | IHA                 |
| Hexanol.....                                                                         | 20              | HXN        |                     |
| Hexene.....                                                                          | 30              | HXE        |                     |
| <b>Hexyl acetate</b> .....                                                           | <b>34</b>       | <b>HAE</b> |                     |
| Hexylene glycol.....                                                                 | 20              | HXG        |                     |
| Hydrochloric acid.....                                                               | 1               | HCL        |                     |
| Hydrochloric acid, spent.....                                                        | 1               | HCS        |                     |
| Hydrofluoric acid.....                                                               | 1               | HFA        |                     |
| Hydrofluorosilicic acid.....                                                         | 1               | HFS        |                     |
| Hydrogen peroxide solutions.....                                                     | 10              |            | HPN/HPS/HPO         |
| Industrial waste (containing Dimethyldisulfide, Methyl mercaptan, and Methomyl)..... | 32              | INW        |                     |
| Isophorone.....                                                                      | <sup>2</sup> 18 | IPH        |                     |
| <b>Isophorone diamine</b> .....                                                      | <b>7</b>        | <b>IPI</b> |                     |
| <b>Isophorone diisocyanate</b> .....                                                 | <b>12</b>       | <b>IPD</b> |                     |
| Isoprene.....                                                                        | 30              | IPR        |                     |
| Jet fuels:                                                                           |                 |            |                     |
| JP-1.....                                                                            | 33              | JPO        |                     |
| JP-3.....                                                                            | 33              | JPT        |                     |
| JP-4.....                                                                            | 33              | JPF        |                     |
| JP-5.....                                                                            | 33              | JPV        |                     |
| Kaolin clay slurry.....                                                              | 43              |            |                     |
| Kerosene.....                                                                        | 33              | KRS        |                     |
| Ketone residue.....                                                                  | 18              |            |                     |
| Kraft black liquor.....                                                              | 5               |            |                     |
| <b>Lactonitrile solution</b> .....                                                   | <b>37</b>       | <b>LNI</b> |                     |
| Latex, liquid synthetic.....                                                         | 43              | LLS        |                     |
| Lignin liquor.....                                                                   | 43              |            |                     |
| Magnesium nonyl phenol sulfide.....                                                  | 33              |            |                     |
| <b>Magnesium sulfonate</b> .....                                                     | <b>34</b>       | <b>MSE</b> |                     |
| Maleic anhydride.....                                                                | 11              | MLA        |                     |
| Maleic anhydride copolymer.....                                                      | 33              |            |                     |
| Mesityl oxide.....                                                                   | <sup>2</sup> 18 | MSO        |                     |
| Methacrylic acid.....                                                                | 4               | MAD        |                     |
| Methacrylonitrile.....                                                               | 15              | MET        |                     |
| Methane.....                                                                         | 31              | MTH        |                     |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in boldface are new additions or changes]

| Chemical name                                                                                              | Group No.            | CHRIS code | Related CHRIS codes |
|------------------------------------------------------------------------------------------------------------|----------------------|------------|---------------------|
| Methoxy triglycol.....                                                                                     | 40                   | MTG        |                     |
| Methyl acetate.....                                                                                        | 34                   | MTT        |                     |
| Methyl acetoacetate.....                                                                                   | 34                   |            |                     |
| Methyl acetylene, Propadiene mixture.....                                                                  | 30                   | MAP        |                     |
| Methyl acrylate.....                                                                                       | 14                   | MAM        |                     |
| Methyl alcohol.....                                                                                        | <sup>2</sup> 20      | MAL        |                     |
| Methylamine.....                                                                                           | 7                    | MTA        |                     |
| Methylamine solutions.....                                                                                 | 7                    | MSZ        |                     |
| Methyl amyl acetate.....                                                                                   | 34                   | MAC        |                     |
| Methyl amyl alcohol.....                                                                                   | 20                   | MAA        |                     |
| Methyl amyl ketone.....                                                                                    | 18                   | MAK        |                     |
| Methyl bromide.....                                                                                        | 36                   | MTB        |                     |
| <b>Methyl butyl ketone</b> .....                                                                           | <b>18</b>            | <b>MBK</b> |                     |
| Methyl tert-butyl ether.....                                                                               | <sup>2</sup> 41      | MBF        |                     |
| 3-Methyl butyraldehyde.....                                                                                | 19                   |            |                     |
| Methyl butyrate.....                                                                                       | 34                   | MBU        |                     |
| Methyl chloride.....                                                                                       | 36                   | MTC        |                     |
| <b>Methyl diethanolamine</b> .....                                                                         | <b>8</b>             | <b>MDE</b> |                     |
| 4,4'-Methylene dianiline (43 pct. or less), Polymethylene polyphenylamine, o-Dichlorobenzene mixtures..... | 9                    | MDB        |                     |
| 2-Methyl-6-ethyl aniline.....                                                                              | 9                    | MEN        |                     |
| Methyl ethyl ketone.....                                                                                   | <sup>2</sup> 18      | MEK        |                     |
| 2-Methyl-5-ethyl pyridine.....                                                                             | 9                    | MEP        |                     |
| Methyl formal.....                                                                                         | 41                   | MTF        |                     |
| Methyl formate.....                                                                                        | 34                   | MFM        |                     |
| Methyl heptyl ketone.....                                                                                  | 18                   | MHK        |                     |
| 2-Methyl-2-hydroxy-3-butyne.....                                                                           | 20                   | MHB        |                     |
| Methyl isoamyl ketone.....                                                                                 | 18                   |            | MAK                 |
| Methyl isobutyl carbinol.....                                                                              | 20                   | MIC        |                     |
| Methyl isobutyl ketone.....                                                                                | <sup>2</sup> 18      | MIK        |                     |
| Methyl methacrylate.....                                                                                   | 14                   | MMM        |                     |
| Methyl naphthalene.....                                                                                    | 32                   | MNA        |                     |
| Methylolureas.....                                                                                         | 19                   | MUS        |                     |
| <b>2-Methyl-1-pentene</b> .....                                                                            | <b>30</b>            | <b>MPE</b> |                     |
| Methyl pyridine.....                                                                                       | 9                    |            | MPN/MPF/MPR         |
| N-Methyl pyrrolidone.....                                                                                  | 9                    | MPY        |                     |
| <b>Methyl salicylate</b> .....                                                                             | <b>34</b>            | <b>MES</b> |                     |
| alpha-Methyl styrene.....                                                                                  | 30                   | MSR        |                     |
| Mineral spirits.....                                                                                       | 33                   | MNS        |                     |
| Molasses.....                                                                                              | 20                   |            |                     |
| Monochlorodifluoromethane.....                                                                             | 36                   | MCF        |                     |
| Morpholine.....                                                                                            | <sup>2</sup> 7       | MPL        |                     |
| Motor fuel antiknock compounds containing lead alkyls.....                                                 | <sup>1</sup> 0       | MFA        |                     |
| Naphtha:                                                                                                   |                      |            |                     |
| Coal tar.....                                                                                              | 33                   | NCT        |                     |
| Cracking fraction.....                                                                                     | <sup>2</sup> 33      |            |                     |
| Petroleum.....                                                                                             | 33                   | PTN        |                     |
| Solvent.....                                                                                               | 33                   | NSV        |                     |
| Stoddard solvent.....                                                                                      | 33                   | NSS        |                     |
| Varnish Makers' and Painters'.....                                                                         | 33                   | NVM        |                     |
| Naphthalene.....                                                                                           | 32                   | NTM        |                     |
| Naphthenic acid.....                                                                                       | 4                    | NTI        |                     |
| <b>Neodecanoic acid</b> .....                                                                              | <b>4</b>             | <b>NEA</b> |                     |
| <b>Nitrating acid (mixture of Sulfuric acid and Nitric acid)</b> .....                                     | <b><sup>1</sup>0</b> | <b>NIA</b> |                     |
| Nitric acid (70 pct. or less).....                                                                         | 3                    | NCD        |                     |
| Nitric acid (greater than 70 pct.).....                                                                    | <sup>1</sup> 0       |            | NAC                 |
| Nitrobenzene.....                                                                                          | 42                   | NTB        |                     |
| o-Nitrochlorobenzene.....                                                                                  | 42                   | CNO        | CNP                 |
| Nitropropane.....                                                                                          | 42                   | NPM        | NPN/NPP             |
| Nitropropane, Nitroethane mixture.....                                                                     | 42                   | NNM        |                     |
| Nitrotoluene.....                                                                                          | 42                   | NIT        | NIE/NTT/NTR         |
| Nonane.....                                                                                                | 31                   | NAN        |                     |
| Nonene.....                                                                                                | 30                   | NON        | NNE                 |
| Nonyl alcohol.....                                                                                         | <sup>2</sup> 20      | NNN        |                     |
| Nonyl phenol.....                                                                                          | 21                   | NNP        |                     |
| Nonyl phenol (ethoxylated).....                                                                            | 40                   |            |                     |
| Nonyl phenol sulfide solution.....                                                                         | 33                   |            | NPS                 |
| 1-Octadecene.....                                                                                          | 30                   |            |                     |
| Octadecenoamide.....                                                                                       | 10                   |            |                     |
| Octane.....                                                                                                | 31                   | OAN        | IOO                 |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in **boldface** are new additions or changes]

| Chemical name                          | Group No.       | CHRIS code | Related CHRIS codes |
|----------------------------------------|-----------------|------------|---------------------|
| Octene.....                            | 30              | OTX        | OTE                 |
| Octyl alcohol.....                     | <sup>2</sup> 20 | OCX        | IOA/OTA             |
| Octyl epoxystallate.....               | 34              | OET        |                     |
| Octyl nitrate.....                     | <sup>2</sup> 34 | ONE        |                     |
| Octyl phenol.....                      | 21              |            |                     |
| Oils:                                  |                 |            |                     |
| Clarified.....                         | 33              | OCF        |                     |
| Coal.....                              | 33              |            |                     |
| Crude.....                             | 33              | OIL        |                     |
| Diesel.....                            | 33              | ODS        |                     |
| Residual.....                          | 33              |            |                     |
| Road.....                              | 33              | ORD        |                     |
| Transformer.....                       | 33              | OTF        |                     |
| Edible oils, including:                |                 |            |                     |
| Babassu.....                           | 34              |            |                     |
| Castor.....                            | 34              | OCA        |                     |
| Coconut.....                           | <sup>2</sup> 34 | OCB        |                     |
| Coconut, methyl ester.....             | 34              |            |                     |
| Corn.....                              | 34              |            |                     |
| Cotton seed.....                       | 34              | OCS        |                     |
| Cotton seed, fatty acid.....           | 34              |            |                     |
| Fish.....                              | <sup>2</sup> 34 | OFS        |                     |
| Lard.....                              | 34              | OLD        |                     |
| Olive.....                             | 34              | OOL        |                     |
| Palm.....                              | <sup>2</sup> 34 | OPM        |                     |
| Peanut.....                            | 34              | OPN        |                     |
| Rapeseed.....                          | 34              |            |                     |
| Rice bran.....                         | 34              |            |                     |
| Safflower.....                         | 34              | OSF        |                     |
| Soya bean.....                         | 34              | OSB        |                     |
| Soybean (epoxidized).....              | 40              |            | EVO                 |
| Sunflower seed.....                    | 34              |            |                     |
| Tucum.....                             | 34              | OTC        |                     |
| Vegetable.....                         | 34              | OVG        |                     |
| Fuel oils:                             |                 |            |                     |
| No. 1.....                             | 33              | OON        |                     |
| No. 1-D.....                           | 33              | OOD        |                     |
| No. 2.....                             | 33              | OTW        |                     |
| No. 2-D.....                           | 33              | OTD        |                     |
| No. 4.....                             | 33              | OFR        |                     |
| No. 5.....                             | 33              | OFV        |                     |
| No. 6.....                             | 33              | OSX        |                     |
| Miscellaneous oils, including:         |                 |            |                     |
| Absorption.....                        | 33              | OAS        |                     |
| Aliphatic.....                         | 33              |            |                     |
| Aromatic (5 pct. or less Benzene)..... | 33              |            |                     |
| Coal tar.....                          | 33              | OCT        |                     |
| Heartcut distillate.....               | 33              |            |                     |
| Linseed.....                           | 33              | OLS        |                     |
| Lubricating.....                       | 33              | OLB        |                     |
| Mineral.....                           | 33              | OMN        |                     |
| Mineral seal.....                      | 33              | OMS        |                     |
| Motor.....                             | 33              | OMT        |                     |
| Neatsfoot.....                         | 33              | ONF        |                     |
| Oiticica.....                          | 34              |            |                     |
| Penetrating.....                       | 33              | OPT        |                     |
| Pine.....                              | 34              | OPI        |                     |
| Range.....                             | 33              | ORG        |                     |
| Resin.....                             | 33              | ORS        |                     |
| Resinous petroleum.....                | 33              |            |                     |
| Rosin.....                             | 33              | ORN        |                     |
| Seal.....                              | 34              |            |                     |
| Soapstock.....                         | 34              |            |                     |
| Sperm.....                             | 33              | OSP        |                     |
| Spindle.....                           | 33              | OSD        |                     |
| Spray.....                             | 33              | OSY        |                     |
| Tall.....                              | 34              | OTL        |                     |
| Tall, fatty acid.....                  | <sup>2</sup> 34 | TOF        |                     |
| Tanner's.....                          | 33              | OTN        |                     |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in **boldface** are new additions or changes]

| Chemical name                                               | Group No. | CHRIS code | Related CHRIS codes |
|-------------------------------------------------------------|-----------|------------|---------------------|
| Tung.....                                                   | 34        |            |                     |
| Turbine.....                                                | 33        | OTB        |                     |
| White (mineral).....                                        | 33        |            |                     |
| Oleic acid.....                                             | 4         | OLA        |                     |
| Oleum.....                                                  | 1,2 0     | OLM        |                     |
| Oxyalkylated alkyl phenol formaldehyde.....                 | 33        |            |                     |
| <b>Paraldehyde</b> .....                                    | 19        | <b>PDH</b> |                     |
| Pentachloroethane.....                                      | 36        | PCE        |                     |
| Pentadecanol.....                                           | 20        | PDC        |                     |
| 1,3-Pentadiene.....                                         | 30        | PDI        | PDN                 |
| Pentaethylenhexamine, Tetraethylenepentamine mixture.....   | 7         | PEP        |                     |
| Pentane.....                                                | 31        |            |                     |
| 1-Pentene.....                                              | 30        | PTE        |                     |
| Pentene, Miscellaneous hydrocarbon mixture.....             | 2 30      |            |                     |
| 3-Pentenitrile.....                                         | 37        | PNT        |                     |
| Pentyl aldehyde.....                                        | 19        |            |                     |
| Perchloroethylene.....                                      | 36        | PER        |                     |
| Petrolatum.....                                             | 33        | PTL        |                     |
| Phenol.....                                                 | 21        | PHN        |                     |
| <b>1-Phenyl-1-xylyl ethane</b> .....                        | 32        | <b>PXE</b> |                     |
| Phosphoric acid.....                                        | 1         | PAC        |                     |
| Phosphorus.....                                             | 2 0       |            | PPW/PPR/PPB         |
| Phthalic anhydride.....                                     | 11        | PAN        |                     |
| Pinene.....                                                 | 30        |            |                     |
| Polyalkenyl succinic anhydride amine.....                   | 33        |            |                     |
| Polybutadiene, hydroxyl terminated.....                     | 20        |            |                     |
| Polybutene.....                                             | 30        | PLB        |                     |
| Polydimethylsiloxane.....                                   | 34        |            |                     |
| Polyethylene glycols.....                                   | 40        |            |                     |
| Polyethylene polyamines.....                                | 2 7       | PEB        |                     |
| Polymethylene polyphenyl isocyanate.....                    | 12        | PPI        |                     |
| Polymethylsiloxane.....                                     | 34        |            |                     |
| Polypropylene.....                                          | 30        | PLP        |                     |
| Polypropylene glycol.....                                   | 40        | PGC        |                     |
| Polypropylene glycol methyl ether.....                      | 40        | PGM        |                     |
| Polyvinylbenzyltrimethyl ammonium chloride solution.....    | 43        | PVB        |                     |
| Propane.....                                                | 31        | PRP        |                     |
| Propanolamine.....                                          | 8         |            | MPA/PLA/PRM         |
| Propionaldehyde.....                                        | 19        | PAD        |                     |
| Propionic acid.....                                         | 4         | PNA        |                     |
| Propionic anhydride.....                                    | 11        | PAH        |                     |
| Propionitrile.....                                          | 37        | PCN        |                     |
| Propyl acetate.....                                         | 34        |            | IAC/PAT             |
| Propyl alcohol.....                                         | 2 20      |            | IPA/PAL             |
| Propylamine.....                                            | 7         |            | IPO/IPP/PRA         |
| Propylene.....                                              | 30        | PPL        |                     |
| Propylene butylene polymer.....                             | 30        | PBP        |                     |
| <b>Propylene dimer</b> .....                                | 30        | <b>PDR</b> |                     |
| Propylene glycol.....                                       | 2 20      | PPG        |                     |
| Propylene oxide.....                                        | 16        | POX        |                     |
| Propylene tetramer.....                                     | 30        | PTT        |                     |
| <b>Propylene trimer</b> .....                               | 30        | <b>PTR</b> |                     |
| Propyl ether.....                                           | 41        | PMM        | IPE                 |
| Pseudocumene.....                                           | 32        |            | TME                 |
| Pyridine.....                                               | 9         | PRD        |                     |
| Pyridine bases.....                                         | 9         | PRB        |                     |
| <b>Rosin soap (disproportionated) solution</b> .....        | 43        | <b>RSP</b> |                     |
| Rum.....                                                    | 20        |            |                     |
| Salicylaldehyde.....                                        | 19        | SAL        |                     |
| Sewage sludge.....                                          | 43        |            |                     |
| <b>Sodium alkyl sulfonate solution</b> .....                | 43        | <b>SSU</b> |                     |
| Sodium borohydride, Sodium hydroxide solution.....          | 5         | SBX        | SBH/SBI             |
| Sodium carbonate solutions.....                             | 5         |            |                     |
| Sodium cyanide solution.....                                | 5         | SCS        | SCN                 |
| Sodium dimethyl naphthalene sulfonate solution.....         | 2 34      |            |                     |
| <b>Sodium hydrogen sulfite solution</b> .....               | 43        | <b>SHX</b> |                     |
| Sodium hydrosulfide solution.....                           | 5         | SHR        |                     |
| <b>Sodium hydrosulfide, Ammonium sulfide solution</b> ..... | 5         | <b>SSA</b> |                     |
| Sodium hypochlorite solution.....                           | 5         | SHP        | SHC                 |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in **boldface** are new additions or changes]

| Chemical name                                                             | Group No.              | CHRIS code | Related CHRIS codes |
|---------------------------------------------------------------------------|------------------------|------------|---------------------|
| Sodium 2-mercaptobenzothiazol solution                                    | 5                      | SMB        |                     |
| <b>Sodium naphthalene sulfonate solution</b>                              | <b>34</b>              | <b>SNS</b> |                     |
| Sodium polyacrylate solution                                              | <sup>2</sup> 43        |            |                     |
| Sodium salt of Ferric hydroxyethylethylenediamine triacetic acid solution | 43                     | STA        |                     |
| Sodium silicate solution                                                  | <sup>2</sup> 43        | SSC        |                     |
| Sodium sulfide, Hydrosulfide solution                                     | <sup>1</sup> 0         |            | SSH/SSI/SSJ<br>SBT  |
| Sorbitol solutions                                                        | 20                     |            |                     |
| Stearic acid                                                              | 4                      | SRA        |                     |
| Styrene                                                                   | 30                     | STY        |                     |
| Sulfolane                                                                 | 39                     | SFL        |                     |
| Sulfur                                                                    | <sup>1</sup> 0         | SXX        |                     |
| Sulfuric acid                                                             | <sup>2</sup> 2         | SFA        |                     |
| Sulfuric acid, spent                                                      | 2                      | SAC        |                     |
| <b>Tall oil soap (disproportionated) solution</b>                         | <b>43</b>              | <b>TOS</b> |                     |
| Tallow                                                                    | <sup>2</sup> 34        | TLO        |                     |
| Tallow fatty acid                                                         | <sup>2</sup> 34        |            |                     |
| Tallow fatty alcohol                                                      | 20                     | TFA        |                     |
| Tallow nitrile                                                            | 37                     |            |                     |
| 1,1,2,2-Tetrachloroethane                                                 | 36                     | TEC        |                     |
| Tetradecanol                                                              | 20                     | TTN        |                     |
| Tetradecene                                                               | 30                     | TTD        |                     |
| Tetradecylbenzene                                                         | 32                     | TDB        |                     |
| Tetraethylene glycol                                                      | 40                     | TTG        |                     |
| Tetraethylenepentamine                                                    | 7                      | TTP        |                     |
| Tetrahydrofuran                                                           | 41                     | THF        |                     |
| Tetrahydronaphthalene                                                     | 32                     | THN        |                     |
| Tetrasodium salt of EDTA solution                                         | 43                     |            |                     |
| Titanium tetrachloride                                                    | 2                      | TTT        |                     |
| Toluene                                                                   | 32                     | TOL        |                     |
| Toluenediamine                                                            | 9                      | TDA        |                     |
| Toluene diisocyanate                                                      | 12                     | TDI        |                     |
| o-Toluidine                                                               | 9                      | TLI        |                     |
| Triarylphosphate                                                          | 34                     |            |                     |
| Tributyl phosphate                                                        | 34                     | TBP        |                     |
| 1,2,4-Trichlorobenzene                                                    | 36                     | TCB        |                     |
| 1,1,1-Trichloroethane                                                     | <sup>2</sup> 36        | TCE        |                     |
| 1,1,2-Trichloroethane                                                     | 36                     | TCM        |                     |
| Trichloroethylene                                                         | <sup>2</sup> 36        | TCL        |                     |
| 1,2,3-Trichloropropane                                                    | 36                     | TCN        |                     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane                                     | 36                     | TTF        |                     |
| <b>Tricresyl (Tritolyl) phosphate</b>                                     | <b>34</b>              |            | TCO/TCP             |
| Tridecane                                                                 | 34                     |            |                     |
| Tridecanol                                                                | 20                     | TDN        |                     |
| Tridecene                                                                 | 30                     | TDC        |                     |
| Triethanolamine                                                           | <sup>2</sup> 8         | TEA        |                     |
| Triethylamine                                                             | 7                      | TEN        |                     |
| Triethyl benzene                                                          | 32                     | TEB        |                     |
| Triethylene glycol                                                        | 40                     | TEG        |                     |
| Triethylene glycol butyl ether mixture                                    | 40                     |            |                     |
| Triethylene glycol ether mixture                                          | 40                     |            |                     |
| Triethylenetetramine                                                      | <sup>2</sup> 7         | TET        |                     |
| Triethyl phosphate                                                        | 34                     |            |                     |
| Triethyl phosphite                                                        | <sup>2</sup> 34        | TPI        |                     |
| <b>Triisobutylene</b>                                                     | <b>30</b>              | <b>TIB</b> |                     |
| Triisooctyl trimellitate                                                  | 34                     |            |                     |
| Triisopropanolamine                                                       | 8                      | TIP        |                     |
| <b>Trimethylacetic acid</b>                                               | <b>4</b>               | <b>TAA</b> |                     |
| Trimethyl benzene                                                         | 32                     |            | TMD/TME/<br>TMB.    |
| Trimethylhexamethylene diamine (2,2,4- and 2,4,4-)                        | 7                      | THA        |                     |
| Trimethylhexamethylene diisocyanate (2,2,4- and 2,4,4-)                   | 12                     | THI        |                     |
| 2,2,4-Trimethyl pentanediol-1,3-diisobutyrate                             | 34                     |            |                     |
| 2,2,4-Trimethyl-1,3-pentanediol-1-isobutyrate                             | 34                     | TMP        |                     |
| 2,2,4-Trimethyl-3-pentanol-1-isobutyrate                                  | 34                     |            |                     |
| <b>Trimethyl phosphite</b>                                                | <b><sup>2</sup> 34</b> | <b>TPP</b> |                     |
| Tripropylene                                                              | 30                     |            |                     |
| Tripropylene glycol                                                       | 40                     | TGC        |                     |
| Tripropylene glycol monomethyl ether                                      | 40                     |            |                     |
| Trisodium nitrilotriacetate                                               | 34                     |            |                     |



TABLE I - ALPHABETICAL LIST OF CARGOES—Continued

[Entries in **boldface** are new additions or changes]

| Chemical name                                            | Group No. | CHRIS code | Related CHRIS codes |
|----------------------------------------------------------|-----------|------------|---------------------|
| Trixylenyl phosphate                                     | 34        | TRP        |                     |
| Turpentine                                               | 30        | TPT        |                     |
| Undecanol                                                | 20        | UND        |                     |
| Undecene                                                 | 30        | UDC        |                     |
| Undecylbenzene                                           | 32        | UDB        |                     |
| Urea, Ammonium nitrate solution (containing Ammonia)     | 6         | UAS        |                     |
| Urea, Ammonium nitrate solution (not containing Ammonia) | 43        | ANU        |                     |
| Valeraldehyde                                            | 19        | VAK        | IVA/VAL             |
| Vanillin black liquor                                    | 5         | VLB        |                     |
| Vinyl acetate                                            | 13        | VAM        |                     |
| Vinyl acetate-Fumarate copolymer                         | 34        |            |                     |
| Vinyl chloride                                           | 35        | VCM        |                     |
| Vinyl ethyl ether                                        | 13        | VEE        |                     |
| Vinylidene chloride                                      | 35        | VCI        |                     |
| Vinyl neodecanate                                        | 13        | VND        |                     |
| Vinyl toluene                                            | 13        | VNT        |                     |
| Waxes:                                                   |           |            |                     |
| Carnauba                                                 | 34        | WCA        |                     |
| Paraffin                                                 | 31        | WPF        |                     |
| Xylene                                                   | 32        | XLX        | XLM/XLO/XLP         |
| <b>Xylenols</b>                                          | 21        | XYL        |                     |
| Zinc bromide, Calcium bromide solution                   | 43        | CZB        |                     |

<sup>1</sup> Because of very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commandant (G-MTH), U.S. Coast Guard, 2100 Second Street, SW., Washington, D.C. 20593-0001. Telephone (202) 267-1577.

<sup>2</sup> See Appendix I - Exceptions to the Chart.

Table II - Grouping of Cargoes

[[\*] New addition to 46 CFR Part 150]

## 0. Unassigned Cargoes

- Alkyl benzene sulfonic acid <sup>1,2</sup>
- Ammonium nitrate solution <sup>1</sup>
- Chlorine <sup>1</sup>
- Chlorosulfonic acid <sup>1</sup>
- Diphenylol propane-Epichlorohydrin resins <sup>1</sup>
- Ethylene oxide <sup>1</sup>
- Motor fuel antiknock compounds containing Lead alkyls <sup>1</sup>
- Nitrating acid (mixture of Sulfuric acid and Nitric acid) <sup>1</sup>
- Nitric acid (greater than 70 pct.) <sup>1</sup>
- Oleum <sup>1,2</sup>
- Phosphorus <sup>1</sup>
- Sodium sulfide, Hydrosulfide solution <sup>1</sup>
- Sulfur <sup>1</sup>

## 1. Non-Oxidizing Mineral Acids

- Di-(2-ethylhexyl)phosphoric acid
- Hydrochloric acid
- Hydrochloric acid, spent
- Hydrofluoric acid
- Hydrofluorosilicic acid
- Phosphoric acid

## 2. Sulfuric Acids

- Sulfuric acid <sup>2</sup>
- Sulfuric acid, spent
- Titanium tetrachloride

## 3. Nitric Acid

- Nitric acid (70 pct. or less)

## 4. Organic Acids

- Acetic acid <sup>2</sup>
- Acrylic acid <sup>2</sup>
- Butyric acid

- Cashew nut shell oil (untreated)
- Chloroacetic acid solution
- Chloropropionic acid
- Cyclohexane oxidation product acid water
- 2,2-Dichloropropionic acid
- 2,2-Dimethyloctanoic acid
- 2-Ethylhexanoic acid
- Formic acid <sup>2</sup>
- n-Heptanoic acid
- Methacrylic acid
- Naphthenic acid
- Neodecanoic acid
- Nonanoic acid
- Oleic acid
- Propionic acid
- Stearic acid
- Trimethylacetic acid

## 5. Caustics

- Ammonium sulfide solution
- Calcium hypochlorite solution
- Caustic potash solution <sup>2</sup>
- Caustic soda solution <sup>2</sup>
- Cresylate spent caustic
- Kraft black liquor
- Potassium hydroxide solution
- Sodium borohydride, Sodium hydroxide solution
- Sodium carbonate solutions
- Sodium cyanide solution
- Sodium hydrosulfide solution
- Sodium hydrosulfide, Ammonium sulfide solution
- Sodium hydroxide solution
- Sodium hypochlorite solution
- Sodium 2-mercaptobenzothiazol solution
- Vanillin black liquor

## 6. Ammonia

- Ammonia, anhydrous

- Ammonium hydroxide (28 pct. or less Ammonia)
- Ammonium nitrate, Urea solution (containing Ammonia)
- Urea, Ammonium nitrate solution (containing Ammonia)

## 7. Aliphatic Amines

- N-Aminoethylpiperazine
- Butylamine
- Cyclohexylamine
- Dibutylamine
- Diethylamine <sup>2</sup>
- Diethylenetriamine
- Diisobutylamine
- Diisopropylamine
- Dimethylamine
- Dimethylamine solution
- N,N-Dimethylcyclohexylamine
- Di-n-propylamine
- Dodecylamine, Tetradecylamine mixture <sup>2</sup>
- Ethylamine <sup>2</sup>
- Ethylamine solution
- N-Ethyl-n-butylamine
- N-Ethyl cyclohexylamine
- Ethylenediamine <sup>2</sup>
- 2-Ethyl hexylamine
- Hexamethylenediamine solution
- Hexamethylenetetramine
- Hexamethylenimine
- Isophorone diamine
- Methylamine
- Methylamine solutions
- Morpholine <sup>2</sup>
- Pentaethylenhexamine,
- Tetraethylenepentamine mixture
- Polyethylene polyamines <sup>2</sup>
- Propylamine
- Tetraethylenepentamine
- Triethylamine
- Triethylenetetramine <sup>2</sup>



- \*Trimethylhexamethylene diamine (2,2,4- and 2,4,4-)

#### 8. Alkanolamines

- 2-(2-Aminoethoxy)ethanol
- Aminoethylethanolamine
- 2-Amino-2-methyl-1-propanol
- Diethanolamine
- Diethylaminoethanol
- Diethylethanolamine
- Diisopropanolamine
- Dimethylethanolamine
- Ethanolamine
- Propanolamine
- Triethanolamine<sup>2</sup>
- Triisopropanolamine

#### 9. Aromatic Amines

- Aniline
- \*Dimethylamine salt of 4-Chloro-2-methylphenoxyacetic acid solution
- 2-Ethyl-6-methyl-N-(1-methyl-2-methoxyethyl)aniline
- 4,4'-Methylene dianiline (43 pct. or less), Polymethylene polyphenylamine, o-Dichlorobenzene mixtures
- 2-Methyl-6-ethyl aniline
- 2-Methyl-5-ethyl pyridine
- Methyl pyridine
- N-Methyl pyrrolidone
- Pyridine
- Pyridine bases
- Toluenediamine
- p-Toluidine

#### 10. Amides

- Acrylamide solution
- Dimethyl acetamide
- Dimethylformamide
- Formamide
- Octadecenoamide

#### 11. Organic Anhydrides

- Acetic anhydride
- Maleic anhydride
- Phthalic anhydride
- Propionic anhydride

#### 12. Isocyanates

- Diphenylmethane diisocyanate
- \*Isophorone diisocyanate
- Polymethylene polyphenyl isocyanate
- Toluene diisocyanate
- \*Trimethylhexamethylene diisocyanate (2,2,4- and 2,4,4-)

#### 13. Vinyl Acetate

- Vinyl acetate
- Vinyl ethyl ether
- Vinyl neodecanate
- Vinyl toluene

#### 14. Acrylates

- Butyl acrylate
- Butyl methacrylate
- \*Butyl methacrylate, Decyl methacrylate, Cetyl-Eicosyl methacrylate mixture
- \*Cetyl-Eicosyl methacrylate
- Decyl acrylate
- Dodecyl methacrylate
- \*Dodecyl-Pentadecyl methacrylate
- Ethyl acrylate
- 2-Ethylhexyl acrylate
- Ethyl methacrylate
- Methyl acrylate
- Methyl methacrylate

#### 15. Substituted Alkyls

- Acrylonitrile<sup>2</sup>
- Allyl alcohol<sup>2</sup>
- Allyl chloride
- 1,3-Dichloropropene
- Dichloropropene, Dichloropropane mixtures
- Methacrylonitrile

#### 16. Alkylene Oxides

- Butylene oxide
- Ethylene oxide, Propylene oxide mixtures
- Propylene oxide

#### 17. Epichlorohydrin

- \*Chlorohydrins
- Epichlorohydrin

#### 18. Ketones

- Acetone<sup>2</sup>
- Acetophenone
- Amyl methyl ketone
- Butyl heptyl ketone
- Camphor oil
- Cyclohexanone
- Cyclohexanone, Cyclohexanol mixtures<sup>2</sup>
- Diisobutyl ketone
- Epoxy resin
- Ketone residue
- Isophorone<sup>2</sup>
- Mesityl oxide<sup>2</sup>
- Methyl amyl ketone
- Methyl butyl ketone
- \*Methyl diethanolamine
- Methyl ethyl ketone<sup>2</sup>
- Methyl heptyl ketone
- Methyl isoamyl ketone
- Methyl isobutyl ketone<sup>2</sup>

#### 19. Aldehydes

- Acetaldehyde
- Acrolein<sup>2</sup>
- Butyraldehyde
- Crotonaldehyde<sup>2</sup>
- Decaldehyde
- Ethylhexaldehyde
- 2-Ethyl-3-propylacrolein<sup>2</sup>
- Formaldehyde, Methanol mixtures<sup>2</sup>
- Formaldehyde solution<sup>2</sup>
- Furfural
- Glutaraldehyde solution
- Glyoxal solutions
- 3-Methyl butyraldehyde
- Methylolureas
- Octyl aldehyde
- \*Paraldehyde
- Pentyl aldehyde
- Propionaldehyde
- Salicylaldehyde
- Valeraldehyde

#### 20. Alcohols, Glycols

- Alcohols (mixed)
- Amyl alcohol
- Behenyl alcohol
- Butyl alcohol<sup>2</sup>
- Butylene glycol<sup>2</sup>
- Choline chloride solutions
- Cyclohexanol
- Decyl alcohol<sup>2</sup>
- Diacetone alcohol<sup>2</sup>
- Diisobutyl carbinol
- 2,2-Dimethylpropane-1,3-diol
- Dodecanol
- Ethoxylated alcohols, C11-C15
- Ethyl alcohol<sup>2</sup>

- Ethyl butanol
- Ethylene chlorohydrin
- Ethylene cyanohydrin
- Ethylene glycol<sup>2</sup>
- 2-Ethylhexanol
- \*Fatty alcohols
- Furfuryl alcohol<sup>2</sup>
- Glycerine<sup>2</sup>
- Heptanol
- Hexanol
- Hexylene glycol
- Methyl alcohol<sup>2</sup>
- Methyl amyl alcohol
- 2-Methyl-2-hydroxy-3-butyne
- Methyl isobutyl carbinol
- Molasses
- Nonyl alcohol<sup>2</sup>
- Octyl alcohol<sup>2</sup>
- Pentadecanol
- Polybutadiene, hydroxyl terminated
- Propyl alcohol<sup>2</sup>
- Propylene glycol<sup>2</sup>
- Rum
- Sorbitol solutions
- Tallow fatty alcohol
- Tetradecanol
- Tridecanol
- Undecanol

#### 21. Phenols, Cresols

- Benzyl alcohol
- Carbolic oil
- Creosote<sup>2</sup>
- Cresols
- Cresylic acid
- 2,4-Dichlorophenol
- \*o-Ethylphenol
- Nonyl phenol
- Octyl phenol
- Phenol
- \*Xylenols

#### 22. Caprolactam Solutions

- Caprolactam solution

#### 23-29. Unassigned

#### 30. Olefins

- Amylene
- Butadiene
- Butadiene, Butene mixtures (cont. Acetylenes)
- Butene
- Butylene
- Cyclopentadiene polymers
- Cyclopentadiene, Styrene, Benzene mixture
- Decene
- Dicyclopentadiene
- Diisobutylene
- Dipentene
- Dodecene
- Ethylene
- Ethylidene norbornene<sup>2</sup>
- 1-Heptene
- Hexene
- Isoprene
- Methyl acetylene, Propadiene mixture
- \*2-Methyl-1-pentene
- alpha-Methyl styrene
- Nonene
- 1-Octadecene
- Octene
- 1,3-Pentadiene
- 1-Pentene
- Pentene, Miscellaneous hydrocarbon mixture<sup>2</sup>



Pinene  
Polybutene  
Polypropylene  
Propylene  
Propylene butylene polymer  
•Propylene dimer  
Propylene tetramer  
•Propylene trimer  
Styrene  
Tetradecene  
Tridecene  
•Triisobutylene  
Tripropylene  
Turpentine  
Undecene

**31. Paraffins**

Butane  
Cycloaliphatic resins  
Cyclohexane  
Decane  
Dodecane  
Ethane  
Heptane  
Hexane <sup>2</sup>  
Methane  
Nonane  
Octane  
Pentane  
Propane  
Waxes:  
Paraffin

**32. Aromatic Hydrocarbons**

•Alkyl acrylate-Vinyl pyridine copolymer in Toluene  
Benzene  
Benzene, Hydrocarbon mixtures (10 pct. Benzene or more)  
Benzene, Toluene, Xylene mixtures  
•Butyl benzene  
Cumene  
Cymene  
Decyl benzene  
Diethylbenzene  
Diisopropyl benzene  
Diisopropyl naphthalene  
•Diphenyl  
Dodecylbenzene  
Ethyl benzene  
•Ethyl toluene  
Industrial waste (containing Dimethyldisulfide, Methyl mercaptan, and Methomyl)  
iso-Propyl benzene  
Methyl naphthalene  
Naphthalene  
•1-Phenyl-1-xylyl ethane  
Pseudocumene  
Tetradecylbenzene  
Tetrahydronaphthalene  
Toluene  
Tridecylbenzene  
Triethyl benzene  
Trimethyl benzene  
Undecylbenzene  
Xylene

**33. Miscellaneous Hydrocarbon Mixtures**

Asphalt blending stocks, roofers flux  
Asphalt blending stocks, straight run residue  
Calcium sulfonate, Calcium carbonate, Hydrocarbon solvent mixture  
Carbon black base  
•Coal tar pitch  
Diphenyl, Diphenyl oxide

Distillates, flashed feed stocks  
Distillates, straight run  
Fatty acid amides  
Fuel oils:  
No. 1  
No. 1-D  
No. 2  
No. 2-D  
No. 4  
No. 5  
No. 6  
Gas oil, cracked  
Gasoline blending stock, alkylates  
Gasoline blending stock, reformates  
Gasolines:

Automotive (not over 4.23 grams lead per gal.)  
Aviation (not over 4.86 grams lead per gal.)  
Casinghead (natural)  
Polymer  
Straight run  
Glycols, Resins, and Solvents mixture  
Herbicide (C15-H22-NO2-Cl)  
Jet Fuels:  
JP-1  
JP-3  
JP-4  
JP-5

Kerosene  
Magnesium nonyl phenol sulfide  
Maleic anhydride copolymer  
Mineral spirits

**Miscellaneous oils, including:**

Absorption  
Aliphatic  
Aromatic (5 pct. or less Benzene)  
Coal Tar  
Heartcut distillate  
Linseed  
Lubricating  
Mineral  
Mineral seal  
Motor  
Neatsfoot  
Penetrating  
Range  
Resin  
Resinous petroleum  
Rosin  
Sperm  
Spindle  
Spray  
Tanner's  
Turbine  
White (mineral)  
Naphtha:  
Coal tar  
Cracking fraction <sup>2</sup>  
Petroleum  
Solvent  
Stoddard solvent  
Varnish Makers' and Painters'  
Nonyl phenol sulfide solution  
Oxyalkylated alkyl phenol formaldehyde

**Oils:**

Clarified  
Coal  
Crude  
Diesel  
Residual  
Road  
Transformer  
Petrolatum  
Polyalkenyl succinic anhydride amine

**34. Esters**

Acetyl tributyl citrate  
Alkyl phthalates  
Amyl acetate  
Amyl tallate  
Butyl acetate  
Butyl benzyl phthalate  
Butyl formate  
•Calcium naphthenate in Mineral oil  
Dibutyl phthalate  
Diethylene glycol monobutyl ether acetate  
Di-(ethylhexyl)phthalate  
•Diethyl phthalate  
Diethyl sulfate  
Diheptyl phthalate  
Di-n-hexyl adipate  
Diisodecyl phthalate  
Diisononyl adipate  
Diisononyl phthalate  
Diisooctyl phthalate  
Dimethyl adipate  
Dimethylcyclosiloxane hydrolyzate  
Dimethyl glutarate  
Dimethyl hydrogen phosphite <sup>2</sup>  
Dimethyl phthalate  
Dimethyl polysiloxane  
Dimethyl succinate  
Dinonyl phthalate  
Dioctyl phthalate  
Dipropylene glycol dibenzoate  
Diundecyl phthalate  
Edible oils, including:  
Babassu  
Castor  
Coconut <sup>2</sup>  
Coconut, methyl ester  
Corn  
Cotton seed  
Cotton seed, fatty acid  
Fish <sup>2</sup>  
Lard  
Olive  
Palm <sup>2</sup>  
Peanut  
Rapeseed  
Rice bran  
Safflower  
Soya bean  
Sunflower seed  
Tucum  
Vegetable  
•2-Ethoxyethyl acetate  
Ethyl acetate  
Ethyl acetoacetate  
Ethyl butyrate  
•Ethylene glycol diacetate  
Ethylene glycol monobutyl ether acetate  
Ethylene glycol monoethyl ether acetate  
•Ethyl-2-ethoxypropionate  
•Ethyl hexyl phthalate  
Ethyl hexyl tallate  
Ethyl propionate  
Glyceryl triacetate  
Glycidyl ester of Versatic acid  
Glycol diacetate  
•Heptyl acetate  
•Hexyl acetate  
•iso-Butyl isobutyrate  
•Magnesium sulfonate  
Methyl acetate  
Methyl acetoacetate  
Methyl amyl acetate  
Methyl butyrate  
Methyl formate  
•Methyl salicylate



- Miscellaneous oils, including:
- Soapstock
  - Tall
  - Tall, fatty acid <sup>2</sup>
  - Tung
  - Octyl epoxystallate
  - Octyl nitrate <sup>2</sup>
  - Polydimethylsiloxane
  - Polymethylsiloxane
  - Propyl acetate
  - Sodium dimethyl naphthalene sulfonate solution <sup>2</sup>
  - Sodium naphthalene sulfonate solution
  - Tallow <sup>2</sup>
  - Tallow fatty acid <sup>2</sup>
  - Triarylphosphate
  - Tributyl phosphate
  - Tricresyl (Tritolyl) phosphate
  - Tridecane
  - Triethyl phosphate
  - Triethyl phosphite <sup>2</sup>
  - Triisooctyl trimellitate <sup>2</sup>
  - 2,2,4-Trimethyl pentanediol-1,3-diisobutyrate
  - 2,2,4-Trimethyl-1,3-pentanediol-1-isobutyrate
  - 2,2,4-Trimethyl-3-pentanol-1-isobutyrate
  - Trimethyl phosphite <sup>2</sup>
  - Trisodium nitrilotriacetate
  - Trixylenyl phosphate
  - Vinyl acetate-Fumarate copolymer
  - Waxes:
  - Carnauba

## 35. Vinyl Halides

- Vinyl chloride
- Vinylidene chloride

## 36. Halogenated Hydrocarbons

- Benzyl chloride
- Carbon tetrachloride
- Chlorobenzene
- Chlorodifluoromethane
- Chloroform
- Chlorotoluene
- Dichlorobenzene
- Dichlorodifluoromethane
- 1,1-Dichloroethane
- 2,2'-Dichloroisopropyl ether
- Dichloromethane (Methylene chloride)
- Dichloropropane
- Ethyl chloride
- Ethylene dibromide
- Ethylene dichloride <sup>2</sup>
- Methyl bromide
- Methyl chloride
- Monochlorodifluoromethane
- Pentachloroethane
- Perchloroethylene
- 1,1,2,2-Tetrachloroethane
- 1,2,4-Trichlorobenzene
- 1,1,1-Trichloroethane <sup>2</sup>
- 1,1,2-Trichloroethane
- Trichloroethylene <sup>2</sup>
- 1,2,3-Trichloropropane
- 1,1,2-Trichloro-1,2,2-trifluoroethane

## 37. Nitriles

- Acetonitrile
- Adiponitrile
- Lactonitrile solution
- 3-Pentenitrile
- Propionitrile
- Tallow nitrile

## 38. Carbon Disulfide

- Carbon disulfide

## 39. Sulfolane

- Sulfolane

## 40. Glycol Ethers

- Diethylene glycol
- Diethylene glycol monobutyl ether
- Diethylene glycol monoethyl ether
- Diethylene glycol monomethyl ether
- Diethylene glycol monophenyl ether
- Dipropylene glycol
- Edible oils Soybean (epoxidized)
- Ethoxy triglycol
- Ethylene glycol monobutyl ether
- Ethylene glycol monoethyl ether
- Ethylene glycol monoisopropyl ether
- Ethylene glycol monomethyl ether
- Ethylene glycol phenyl ether
- Methoxy triglycol
- Nonyl phenol (ethoxylated)
- Polyethylene glycols
- Polypropylene glycol methyl ether
- Polypropylene glycols
- Tetraethylene glycol
- Triethylene glycol
- Triethylene glycol butyl ether mixture
- Triethylene glycol ether mixture
- Tripropylene glycol
- Tripropylene glycol mono-methyl ether

## 41. Ethers

- Butyl ether
- 2,2'-Dichloroethyl ether
- Diglycidyl ether of Bisphenol A
- Dimethyl furan
- 1,4-Dioxane
- Diphenyl ether
- Diphenyl oxide, Diphenyl phenyl ether mixture
- Ethyl ether
- Methyl-tert-butyl ether <sup>2</sup>
- Methyl formal
- Propyl ether
- Tetrahydrofuran

## 42. Nitrocompounds

- Chloronitrobenzene, see o-Nitrochlorobenzene
- Dinitrotoluene
- Nitrobenzene
- o-Nitrochlorobenzene
- Nitroethane
- Nitropropane
- Nitropropane, Nitroethane mixture
- Nitrotoluene

## 43. Miscellaneous Water Solutions

- Aluminum sulfate solution <sup>2</sup>
- 2-Amino-2-hydroxymethyl-1,3-propanediol solution
- Ammonium bisulfite solution <sup>2</sup>
- Ammonium nitrate, Urea solution (not containing Ammonia)
- Ammonium polyphosphate solution
- Ammonium sulfate solution
- Ammonium thiosulfate solution
- Calcium bromide solution
- Calcium bromide, Zinc bromide solution
- Calcium chloride solution
- Corn syrup
- Dextrose solution
- Diammonium salt of Zinc EDTA solution
- Dodecyl diphenyl oxide disulfonate solution
- Ethylene-Vinyl acetate copolymer emulsion
- Fumaric adduct of Rosin, water dispersion
- Kaolin clay slurry

- Latex, liquid synthetic
- Lignin liquor
- Polyvinylbenzyltrimethyl ammonium chloride solution
- Rosin soap (disproportionated) solution
- Sewage sludge
- Sodium alkyl sulfonate solution
- Sodium hydrogen sulfite solution
- Sodium polyacrylate solution <sup>2</sup>
- Sodium salt of Ferric hydroxyethylethylenediamine triacetic acid solution
- Sodium silicate solution <sup>2</sup>
- Tall oil soap (disproportionated) solution
- Tetrasodium salt of EDTA solution
- Urea, Ammonium nitrate solution (not containing Ammonia)
- Zinc bromide, Calcium bromide solution

## Footnotes to Table II

<sup>1</sup> Because of very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commandant (G-MTH), U.S. Coast Guard, 2100 Second Street, SW., Washington, D.C. 20593-0001. Telephone (202) 267-1577.

<sup>2</sup> See Appendix I - Exceptions to the Chart.

## Appendix I - Exceptions to the Chart

(Entries in **boldface** are newly authorized exceptions to 46 CFR Part 150)

(a). The binary combinations listed below have been tested as prescribed in Appendix III and found not to be dangerously reactive. These combinations are exceptions to the Compatibility Chart (Figure 1) and may be stowed in adjacent tanks.

| Member of reactive group             | Compatible with                                 |
|--------------------------------------|-------------------------------------------------|
| <b>Acetone (18)</b> .....            | <b>Diethylenetriamine (7)</b>                   |
| Acetone cyanohydrin (0).             | Acetic acid (4)                                 |
| Acrylonitrile (15).....              | Triethanolamine (8)                             |
| 1,3-Butylene glycol (20).            | Morpholine (7)                                  |
| <b>1,4-Butylene glycol (20).</b>     | <b>Ethylamine (7)</b>                           |
| Caustic potash, 50 pct. or less (5). | <b>Triethanolamine (8)</b>                      |
|                                      | Ethyl alcohol (20)                              |
|                                      | Methyl alcohol (20)                             |
|                                      | iso-Octyl alcohol (20)                          |
| Caustic soda, 50 pct. or less (5).   | Butyl alcohol (20)                              |
|                                      | tert-Butyl alcohol,                             |
|                                      | Methanol mixtures                               |
|                                      | Decyl alcohol (20)                              |
|                                      | Diacetone alcohol (20)                          |
|                                      | Diethylene glycol (40)                          |
|                                      | Ethyl alcohol (20)                              |
|                                      | <b>Ethyl alcohol (40%, whiskey) (20)</b>        |
|                                      | Ethylene glycol (20)                            |
|                                      | Ethylene glycol, Diethylene glycol mixture (20) |



| Member of reactive group                 | Compatible with                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dodecyl and Tetradecylamine mixture (7). | Ethyl hexanol (Octyl alcohol) (20)<br>Methyl alcohol (20)<br>Nonyl alcohol (20)<br>Propyl alcohol (20)<br>Propylene glycol (20)<br>Sodium chlorate (0)<br>Tall oil, fatty acid (34)                                                                                                                                                                                                        | Acetone cyanohydrin (0) is not compatible with Groups 1-12, 16, 17 and 22.<br>Acrolein (19) is not compatible with Group 1, Non-Oxidizing Mineral Acids.<br>Acrylic acid (4) is not compatible with Group 9, Aromatic Amines.<br>Alkyl benzene sulfonic acid (0) is not compatible with Groups 1-3, 5-9, 15, 16, 18, 19, 30, 34, 37, and strong oxidizers.<br>Allyl alcohol (15) is not compatible with Group 12, Isocyanates.<br>Aluminum sulfate solution (43) is not compatible with Groups 5-11.<br>Ammonium bisulfite solution (43) is not compatible with Groups 1, 3, 4, and 5.<br>Benzenesulfonyl chloride (0) is not compatible with Groups 5-7, and 43.<br>gamma-Butyrolactone (0) is not compatible with Groups 1-9.<br>Crotonaldehyde (19) is not compatible with Group 1, Non-Oxidizing Mineral Acids.<br>Cyclohexanone, Cyclohexanol mixture (18) is not compatible with Group 12, Isocyanates.<br>Dimethylene salt of 2,4-Dichlorophenoxyacetic acid solution (0) is not compatible with Groups 1-5, 11, 12, and 16.<br>Dimethyl hydrogen phosphite (34) is not compatible with Groups 1 and 4.<br>Dodecylbenzenesulfonic acid (0) is not compatible with oxidizing agents and Groups 1, 2, 3, 5, 6, 7, 8, 9, 15, 16, 18, 19, 30, 34, and 37.<br>Ethyl chlorothioformate (0) is not compatible with Groups 5, 6, 7, 8, and 9.<br>Ethylenediamine (7) is not compatible with Ethylene dichloride (36).<br>Ethylene dichloride (36) is not compatible with Ethylenediamine (7).<br>Ethylidene norbornene (30) is not compatible with Groups 1-3 and 5-8.<br>2-Ethyl-3-propylacrolein (19) is not compatible with Group 1, Non-Oxidizing Mineral Acids.<br>Fish oil (34) is not compatible with Sulfuric acid (2).<br>Formaldehyde (over 50%) in Methyl alcohol (over 30%) (19) is not compatible with Group 12, Isocyanates.<br>Formic acid (4) is not compatible with Furfural alcohol (20).<br>Furfuryl alcohol (20) is not compatible with Group 1, Non-Oxidizing Mineral Acids and Formic acid (4).<br>2-Hydroxyethyl acrylate is not compatible with Groups 2, 3, 5-8 and 12. | Isophorone (18) is not compatible with Group 8, Alkanolamines.<br>Magnesium chloride solution (0) is not compatible with Groups 2, 3, 5, 6 and 12.<br>Mesityl oxide (18) is not compatible with Group 8, Alkanolamines.<br>Methyl tert-butyl ether (41) is not compatible with Group 1, Non-oxidizing Mineral Acids.<br>Naphtha, cracking fraction (33) is not compatible with strong acids, caustics or oxidizing agents.<br>o-Nitrophenol (0) is not compatible with Groups 2, 3, and 5-10.<br>Octyl nitrates (all isomers) (34) is not compatible with Group 1, Non-oxidizing Mineral Acids.<br>Oleum (0) is not compatible with Sulfuric acid (2) and 1,1,1-Trichloroethane (36).<br>Pentene, Miscellaneous hydrocarbon mixtures (30) are not compatible with strong acids or oxidizing agents.<br>Sodium chlorate solution (50% or less) (0) is not compatible with Groups 1-3, 5, 7, 8, 10, 12, 13, 17 and 20.<br>Sodium dichromate solution (70% or less) (0) is not compatible with Groups 1-3, 5, 7, 8, 10, 12, 13, 17 and 20.<br>Sodium dimethyl naphthalene sulfonate solution (34), is not compatible with Group 12, Formaldehyde and strong oxidizing agents.<br>Sodium polyacrylate solution (43) is not compatible with Group 3, Nitric Acid.<br>Sodium silicate solution (43) is not compatible with Group 3, Nitric Acid.<br>Sodium thiocyanate (56% or less) (0) is not compatible with Groups 1-4.<br>Sulfuric acid (2) is not compatible with Fish oil (34), or Oleum (0).<br>Tallow fatty acid (34) is not compatible with Group 5, Caustics.<br>1,1,1-Trichloroethane (36) is not compatible with Oleum (0).<br>Trichloroethylene (36) is not compatible with Group 5, Caustics.<br>Triethyl phosphite (34) is not compatible with Groups 1, and 4.<br>Trimethyl phosphite (34) is not compatible with Groups 1 and 4.<br>Dated: December 3, 1986.<br>J.W. Kime,<br>Rear Admiral, U.S. Coast Guard, Chief, Office of Marine Safety, Security and Environmental Protection.<br>[FR Doc. 86-27502 Filed 12-5-86; 8:45 am]<br>BILLING CODE 4910-14-M |
| Ethylenediamine (7) .....                | Butyl alcohol (20)<br>tert-Butyl alcohol (20)<br>Butylene glycol (20)<br>Creosote (21)<br>Diethylene glycol (40)<br>Ethyl alcohol (20)<br>Ethylene glycol (20)<br>Ethyl hexanol (20)<br>Glycerine (20)<br>Isononyl alcohol (20)<br>Isophorone (18)<br>Methyl butyl ketone (18)<br>Methyl iso-butyl ketone (18)<br>Methyl ethyl ketone (18)<br>Propyl alcohol (20)<br>Propylene glycol (20) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Oleum (0).....                           | Hexane (31)<br>Dichloromethane (Methylene chloride) (36)<br>Perchloroethylene (36)                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1,2-Propylene glycol (20).               | Diethylenetriamine (7)<br>Polyethylene polyamines (7)<br>Triethylenetetramine (7)                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sulfuric acid (2).....                   | Coconut oil (34)<br>Coconut oil acid (34)<br>Palm oil (34)<br>Tallow (34)                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sulfuric acid, 98 pct. or less (2).      | Choice white grease tallow (34)                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

(b). The binary combinations listed below have been determined to be dangerously reactive, based on either data obtained in the literature or on laboratory testing which has been carried out in accordance with procedures prescribed in Appendix III. These combinations are exceptions to the Compatibility Chart (Figure 1) and may not be stowed in adjacent tanks.



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Monday  
December 8, 1986

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**Part III**

**Department of  
Housing and Urban  
Development**

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**Office of the Assistant Secretary for  
Housing—Federal Housing Commissioner**

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**24 CFR Part 888**

**Section 8 Housing Assistance Payments  
Program; Fair Market Rent Schedules for  
Use in the Existing Housing Certificate  
Loan Management and Property  
Disposition, Moderate Rehabilitation, and  
Housing Voucher Programs; Proposed  
Notice**



# DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Office of the Assistant Secretary for Housing—Federal Housing Commissioner

## 24 CFR Part 888

[Docket No. N-86-1644; FR-2292]

### Section 8 Housing Assistance Payments Program: Fair Market Rent Schedules for Use in the Existing Housing Certificate Program, Loan Management and Property Disposition Programs, Moderate Rehabilitation Program and Housing Voucher Program

**AGENCY:** Office of the Assistant Secretary for Housing—Federal Housing Commissioner, HUD.

**ACTION:** Proposed notice.

**SUMMARY:** Section 8(c)(1) of the United States Housing Act of 1937 requires the Secretary to publish Fair Market Rents periodically, but not less frequently than annually. The Department's regulations at 24 CFR Part 888 provide for a notice and comment process for developing Fair Market Rents, and today's document proposes new Fair Market Rents. The proposal would amend Fair Market Rent schedules for the Section 8 Existing Housing Certificate Program and Moderate Rehabilitation Program (Part 882), including space rentals by owners of manufactured homes under the Section 8 Existing Housing Certificate Program (Part 882, Subpart F) and for Section 8 existing housing assisted under Part 886, Subparts A and C. In addition, FMRs are used to determine the Initial Payment Standard and subsequent payment standard schedules in the Housing Voucher Program.

**DATE:** Comments are due: February 6, 1987.

**ADDRESSES:** Interested persons are invited to submit comments to the Rules Docket Clerk, Office of General Counsel, Room 10276, Department of Housing and Urban Development, 451 Seventh Street SW., Washington, DC, 20410-0500. Each comment should include the commenter's name and address and must refer to the docket number indicated in the heading of this notice. Each commenter should simultaneously submit a copy of its comments to the Economic and Market Analysis Staff in the appropriate HUD Field Office. A copy of each comment submitted to the Rules Docket Clerk will be available for public inspection during regular business hours at the above address.

**FOR FURTHER INFORMATION CONTACT:** Cecelia D. Livingston, Housing Voucher Division, Office of Elderly and Assisted Housing, telephone (202) 755-8477. For technical information on the development of schedules for specific areas or the method used for the rent calculations, contact Michael R. Allard, Economic and Market Analysis Division, Office of Economic Affairs, telephone (202) 755-5577. (These are not toll-free numbers).

#### SUPPLEMENTARY INFORMATION:

##### Background

Section 8 of the United States Housing Act of 1937 (the Act) (42 U.S.C. 1437f) authorizes a housing assistance program to aid lower income families in renting decent, safe, and sanitary housing. Assistance payments are limited by Fair Market Rents (FMRs) (or payment standards based on FMRs in the Housing Voucher Program) established by HUD for different areas.

In general, the FMR for an area is the amount that would be needed to rent privately owned, decent, safe, and sanitary rental housing of a modest (non-luxury) nature with suitable amenities. Section 8(c) of the Act requires the Secretary of HUD to publish FMRs periodically, but not less frequently than annually. The Department's regulations provide for a three-step process of developing FMRs—publishing proposed FMRs for public comment, analysis of the public comment and reestimating rents based on comments, and publication of final FMRs. (See 24 CFR 888.115.)

The Department most recently published Fair Market Rents for Section 8 Existing Housing Programs in the *Federal Register* on August 29, 1986 (51 FR 31014), effective August 29, 1986.

##### Applicability of FMRs

These FMRs are used for a variety of programs. They apply to the Section 8 Existing Certificate Program under Part 882, (Subparts A and B), including space rentals by owners of manufactured homes (Subpart F), the Moderate Rehabilitation Program under Part 882 (Subparts D and E), the Assistance Program for Projects with HUD-insured or HUD-held Mortgages under Part 886 (Subpart A), as well as for existing housing under the Section 8 Housing Assistance Program for the Disposition without Substantial Rehabilitation of HUD-owned projects under Part 886 (Subpart C).

In addition, FMRs are used to establish payment standards for the Housing Voucher Program. (See the Notice of Funding Availability (NOFA) in the March 31, 1986 issue of the

*Federal Register*, 51 FR 10933.) In the Housing Voucher Program, the amount of the housing assistance payment for the family is determined by subtracting 30 percent of the family's monthly adjusted income from the appropriate payment standard. The applicable standards are developed by the PHA consistent with the terms of the NOFA and are based on the FMRs.

##### Fair Market Rent Schedules

This document proposes revised Fair Market Rents, which reflect estimated rent levels as of April 1, 1987. Schedules at the end of this document list the FMR levels for Existing Housing (Schedule B) and Manufactured Home Spaces in the Section 8 Certificate Program (Schedule D). FMRs for the Moderate Rehabilitation Program are 120 percent of the Schedule B Existing Housing Fair Market Rents (see 24 CFR 882.408(a) and 888.113(e)(1)). The FMR for a Single Room Occupancy (SRO) unit in the Existing Housing Certificate program is 75 percent of the zero-bedroom FMR listed in Schedule B. The FMR limitation for an SRO unit in the Moderate Rehabilitation program is 75 percent of the Moderate Rehabilitation FMR for a zero-bedroom unit. For an SRO in the Housing Voucher Program, the PHA may request HUD approval of an applicable standard for SRO units within the range of 75 and 100 percent of the zero-bedroom FMR listed in Schedule B or the HUD approved exception rent.

##### Method Used to Develop FMRs

The elements used by HUD in developing the FMRs are: (1) The 45th percentile rent (that is, the rent below which 45 percent of the standard quality rental housing units are distributed); (2) Rents based on units occupied by recent movers (households who moved within two years before the date of the survey data used in these calculations); and (3) Exclusion from the data base of public housing units and recently completed housing (units built within two years of the survey dates). (See 24 CFR 888.113.)

Last year, the Department completely revised the FMRs for all areas using 1980 Census data and post-1980 American Housing Survey (AHS) data which were available for the first time. In response to the proposed rents, the Department received comments covering 386 FMR areas, of which 224 areas had modifications approved. This year's FMRs build upon this recently completed process by adding the most current available CPI data to arrive at this year's estimates.

These proposed FMRs have been updated to April 1, 1987, based on the



use of area specific and regional CPI data for rents and utilities for the 20-month period from October 1984 to June 1986 (which replaces the 5.2 percent annual rate of increase used as the projection last year). A new forecast of 4.0 percent (based on the most recent National CPI data) has been added for the 10-month period from June 1986 to April 1987. The rents are calculated for each Primary Metropolitan Statistical Area (PMSA), Metropolitan Statistical Area (MSA), and nonmetropolitan county.

Using the method just described, the Department proposes FMRs with modest increases for most market areas, with increases generally ranging from two to five percent. The following metropolitan areas are being proposed for no increase: Boulder-Longmont, CO PMSA; Denver, CO PMSA; Brazoria, TX PMSA; Galveston-Texas City, TX PMSA; Houston, TX PMSA; Miami-Hialeah, FL PMSA; Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA; Anchorage, AK; Puerto Rico; and Virgin Islands.

In developing proposed Alaska rents this year, the Department determined that the most recent CPI data for the Anchorage area more accurately represented Alaska market conditions than CPI data from the West Coast region. The proposed rents reflect no change from last year.

In developing proposed Puerto Rico and Virgin Islands rents, the Department needed to request data from the HUD Caribbean Field Office, since there were no CPI data available with which to evaluate rent levels. Based on the data from the Field Office, the proposed rents reflect no change from last year.

Seeking this type of data for the Alaska, Puerto Rico and Virgin Islands market areas is consistent with the Department's efforts to "use the most accurate data available" and to describe the data used when the Department proposed the rents. (See 24 CFR 888.113(b).)

This year's proposed FMRs for manufactured home space were calculated by updating last year's FMRs to April 1, 1987, using the CPI residential rent index (with units with heating costs included in the rent factored out) for the four Census Regions and 72 metropolitan areas for the period from June 1985 to June 1986. The FMRs for 23 nonmetropolitan counties were held at last year's levels as a result of previous definitional changes of metropolitan areas.

#### Request For Comments

The Department seeks public comment on FMR levels for specific areas. Comments on FMR levels should

include sufficient information (including a full description of local data and methodology used) to justify any proposed changes. Changes may be proposed in all or any of the unit sizes on the schedule. Recommendations and supporting data must reflect the rent levels that exist within the entire market area (Metropolitan Statistical Area, Primary Metropolitan Statistical Area, or nonmetropolitan county).

Local housing market studies, rental market surveys or other comprehensive rental market data may be submitted to show the 45th percentile rent levels for standard quality rental housing units. To be representative, the local data must exclude units built within the last two years of the PHSS' survey, should not be drawn solely from vacant units, and should approximate the same proportion or units by structure type (for example, highrise or single family detached) and date of construction as exists in the total local inventory. A weighted sample may be used to obtain appropriate coverage. Since the Department's data base includes only recent movers, where possible commenters may wish to submit surveys based only on recent movers.

Local rental market surveys may be conducted to cover all bedroom sizes, or only selected bedroom sizes. Surveys that cover only two-bedroom units are acceptable if rent proposals for other size units are consistent with established HUD differentials by bedroom size, or if other pertinent data is supplied to support the proposals for other size units. When three- and four-bedroom units are surveyed, the following procedure must be used to determine appropriate FMR proposals: (1) Determine the 45th percentile rents for the three- and four-bedroom units surveyed, (2) multiply the 45th percentile three-bedroom rent by 1.087 to determine the three-bedroom FMR, and (3) multiply the four-bedroom rent by 1.077 to determine the four-bedroom FMR. The use of these factors will produce the same upward adjustments in the rent differentials by bedroom size as those applied to the standard rent differentials for three- and four-bedroom units in the HUD methodology.

For areas where gross rents have increased significantly as a result of taxes or the costs of fuel and utilities applicable to a major portion of the FMR area, data relating to these increased cost may be submitted to justify revision of the FMRs. Data must be adequately described to facilitate evaluation and comparison with tax, fuel and utility costs data used in the Department's FMR calculations, and must be representative of the rental inventory.

#### Other Matters

A Finding of No Significant Impact with respect to the environment required by the National Environmental Policy Act (42 U.S.C. 4321-4374) is unnecessary, since the Section 8 Existing Housing program is categorically excluded from the Department's National Environment Policy Act procedures under 24 CFR 50.20(d).

Under 5 U.S.C. 605(b) (the Regulatory Flexibility Act), the Undersigned hereby certifies that this Notice does not have a significant economic impact on a substantial number of small entities because FMRs reflect the rents for similar quality units in the area. Therefore, FMRs do not change the rent from that which would be charged if the project were not in the Section 8 program.

This document does not constitute a "major rule" as that term is defined in section 1(b) of Executive Order 12291 on Federal Regulation issued on February 17, 1981. Analysis of the document indicates that it does not (1) have an annual effect on the economy of \$100 million or more; (2) cause a major increase in costs or prices for consumers, individual industries, Federal, State or local government agencies, or geographic regions; or (3) have a significant adverse effect on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

The Catalog of Federal Domestic Assistance program number is 14.156, Lower-Income Housing Assistance Program (Section 8).

Accordingly, the Fair Market Rent Schedules are proposed to be amended as follows:

Dated: November 17, 1986.

Thomas T. Demery,

Assistant Secretary for Housing—Federal Housing Commissioner.

**Section 8 Fair Market Rent Schedules for Use in the Existing Housing Certificate Program, Loan Management and Property Disposition Programs, Moderate Rehabilitation Program and Housing Voucher Program; Schedules B & D—General Explanatory Notes**

#### 1. Geographic Coverage

a. FMRs for Existing Housing (Schedule B) are established for all Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), nonmetropolitan counties, and county equivalents in the United States,



District of Columbia, Puerto Rico, the Virgin Islands, and Guam. FMRs also are established for nonmetropolitan parts of counties in the New England States.

b. FMRs for Manufactured Home spaces in the Section 8 Certificate Program (Schedule D) are established for all MSAs, PMSAs, selected nonmetropolitan counties, and the residual nonmetropolitan portion of each State.

c. The current 338 MSAs and PMSAs are those established by the Office of

Management and Budget effective June 30, 1985.

*2. Arrangement of FMR Areas and Identification of Constituent Parts*

a. The FMR areas in Schedules B and D are listed alphabetically by MSA-PMSA and nonmetropolitan county within each State.

b. The constituent counties (and New England towns and cities) included in each MSA and PMSA are listed immediately following the MSA-PMSA names in each State listed in Schedule B. All of the constituent parts of an MSA

that are in more than one State can be identified by consulting the listings for each applicable State.

c. Two nonmetropolitan counties are listed alphabetically on each line of the nonmetropolitan county listings.

d. The New England towns and cities included in a nonmetropolitan part of a county are listed immediately following the county name.

e. The FMRs are listed by dollar amount on the first line beginning with the FMR area name.

BILLING CODE 4210-27-M











| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 190786 |            |           |            |            |
|-------------------------------------------------------------------------------------------------------------------------|------------|-----------|------------|------------|
| FINAL FMRS                                                                                                              |            |           |            |            |
| STATE: CALIFORNIA                                                                                                       |            |           |            |            |
|                                                                                                                         | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS |
| ANAHEIM-SANTA ANA, CA PMSA                                                                                              | 498        | 604       | 711        | 889        |
| COUNTY(IES): ORANGE                                                                                                     |            |           |            |            |
| BAKERSFIELD, CA MSA                                                                                                     | 350        | 425       | 500        | 625        |
| COUNTY(IES): KERN                                                                                                       |            |           |            |            |
| CHICO, CA MSA                                                                                                           | 307        | 373       | 439        | 549        |
| COUNTY(IES): BUTTE                                                                                                      |            |           |            |            |
| FRESNO, CA MSA                                                                                                          | 319        | 388       | 457        | 571        |
| COUNTY(IES): FRESNO                                                                                                     |            |           |            |            |
| LOS ANGELES-LONG BEACH, CA PMSA                                                                                         | 443        | 530       | 616        | 789        |
| COUNTY(IES): LOS ANGELES                                                                                                |            |           |            |            |
| MERCED, CA MSA                                                                                                          | 301        | 365       | 430        | 553        |
| COUNTY(IES): MERCED                                                                                                     |            |           |            |            |
| MODESTO, CA MSA                                                                                                         | 336        | 408       | 481        | 601        |
| COUNTY(IES): STANISLAUS                                                                                                 |            |           |            |            |
| OAKLAND, CA PMSA                                                                                                        | 487        | 591       | 696        | 870        |
| COUNTY(IES): ALAMEDA, CONTRA COSTA                                                                                      |            |           |            |            |
| QXWARD-VENTURA, CA PMSA                                                                                                 | 426        | 517       | 608        | 760        |
| COUNTY(IES): VENTURA                                                                                                    |            |           |            |            |
| REDDING, CA MSA                                                                                                         | 319        | 388       | 457        | 571        |
| COUNTY(IES): SHASTA                                                                                                     |            |           |            |            |
| RIVERSIDE-SAN BERNARDINO, CA PMSA                                                                                       | 362        | 427       | 497        | 643        |
| COUNTY(IES): RIVERSIDE, SAN BERNARDINO                                                                                  |            |           |            |            |
| SACRAMENTO, CA MSA                                                                                                      | 338        | 402       | 481        | 698        |
| COUNTY(IES): EL DORADO, PLACER, SACRAMENTO, YOLO                                                                        |            |           |            |            |
| SALINAS-SEASIDE-MONTEREY, CA MSA                                                                                        | 383        | 465       | 546        | 766        |
| COUNTY(IES): MONTEREY                                                                                                   |            |           |            |            |
| SAN DIEGO, CA MSA                                                                                                       | 409        | 502       | 589        | 736        |
| COUNTY(IES): SAN DIEGO                                                                                                  |            |           |            |            |
| SAN FRANCISCO, CA PMSA                                                                                                  | 533        | 646       | 765        | 953        |
| COUNTY(IES): MARIN, SAN FRANCISCO, SAN MATEO                                                                            |            |           |            |            |
| SAN JOSE, CA PMSA                                                                                                       | 523        | 592       | 691        | 901        |
| COUNTY(IES): SANTA CLARA                                                                                                |            |           |            |            |
| SANTA BARBARA-SANTA MARIA-LOMPOC, CA MSA                                                                                | 432        | 525       | 618        | 774        |
| COUNTY(IES): SANTA BARBARA                                                                                              |            |           |            |            |
| SANTA CRUZ, CA PMSA                                                                                                     | 477        | 579       | 682        | 852        |
| COUNTY(IES): SANTA CRUZ                                                                                                 |            |           |            |            |
| SANTA ROSA-PETALUMA, CA PMSA                                                                                            | 420        | 509       | 600        | 750        |
| COUNTY(IES): SONOMA                                                                                                     |            |           |            |            |
| STOCKTON, CA MSA                                                                                                        | 297        | 358       | 422        | 539        |
| COUNTY(IES): SAN JACUIN                                                                                                 |            |           |            |            |
| VALLEJO-FAIRFIELD-NAPA, CA PMSA                                                                                         | 391        | 445       | 523        | 755        |
| COUNTY(IES): NAPA, SOLANO                                                                                               |            |           |            |            |
| VISALIA-TULARE-PORTERVILLE, CA MSA                                                                                      | 298        | 363       | 427        | 617        |
| COUNTY(IES): TULARE                                                                                                     |            |           |            |            |
| YUBA CITY, CA MSA                                                                                                       | 264        | 321       | 377        | 496        |
| COUNTY(IES): SUTTER, YUBA                                                                                               |            |           |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |            |           |            |            |
|                                                                                                                         | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS |
| ALPINE                                                                                                                  | 350        | 425       | 500        | 625        |
| CALAVERAS                                                                                                               | 350        | 425       | 500        | 625        |
| DEL NORTE                                                                                                               | 319        | 388       | 457        | 571        |
| HUMBOLDT                                                                                                                | 329        | 400       | 470        | 588        |
| INYO                                                                                                                    | 350        | 425       | 500        | 625        |
| LAKE                                                                                                                    | 319        | 388       | 457        | 571        |
| MADERA                                                                                                                  | 289        | 351       | 412        | 518        |
| MENDOCINO                                                                                                               | 319        | 388       | 457        | 571        |
| MONO                                                                                                                    | 350        | 425       | 500        | 625        |
| PLUMAS                                                                                                                  | 293        | 355       | 418        | 522        |
| SAN JUAN                                                                                                                | 296        | 358       | 422        | 536        |
| SISKIYOU                                                                                                                | 293        | 355       | 418        | 522        |
| TRINITY                                                                                                                 | 319        | 388       | 457        | 571        |

| AMADOR    |            |           |            |            |
|-----------|------------|-----------|------------|------------|
|           | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS |
| AMADOR    | 350        | 425       | 500        | 625        |
| COLUSA    | 265        | 322       | 379        | 475        |
| GLENN     | 265        | 322       | 379        | 475        |
| IMPERIAL  | 332        | 403       | 474        | 592        |
| KINGS     | 289        | 351       | 412        | 516        |
| LASSEN    | 293        | 355       | 418        | 522        |
| MARIPOSA  | 293        | 355       | 418        | 522        |
| MODOC     | 350        | 425       | 500        | 625        |
| NEVADA    | 350        | 425       | 500        | 625        |
| SEBASTIAN | 350        | 425       | 500        | 625        |
| SIERRA    | 350        | 425       | 500        | 625        |
| TEHAMA    | 293        | 355       | 418        | 522        |
| TUOLUMNE  | 350        | 425       | 500        | 625        |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

## FINAL FMRS

## STATE: COLORADO

|                                                          |     |     |     |     |     |
|----------------------------------------------------------|-----|-----|-----|-----|-----|
| BOULDER-LONGMONT, CO PMSA                                | 373 | 454 | 534 | 667 | 747 |
| COUNTY(IES): BOULDER                                     |     |     |     |     |     |
| COLORADO SPRINGS, CO MSA                                 | 286 | 347 | 409 | 511 | 572 |
| COUNTY(IES): EL PASO                                     |     |     |     |     |     |
| DENVER, CO PMSA                                          | 355 | 420 | 495 | 615 | 690 |
| COUNTY(IES): ADAMS, ARAPAHOE, DENVER, DOUGLAS, JEFFERSON |     |     |     |     |     |
| FORT COLLINS-LOVELAND, CO MSA                            | 329 | 400 | 470 | 588 | 659 |
| COUNTY(IES): LARIMER                                     |     |     |     |     |     |
| GREELEY, CO MSA                                          | 285 | 346 | 407 | 509 | 570 |
| COUNTY(IES): WELD                                        |     |     |     |     |     |
| PUEBLO, CO MSA                                           | 284 | 344 | 405 | 507 | 568 |
| COUNTY(IES): PUEBLO                                      |     |     |     |     |     |

## NONMETROPOLITAN COUNTIES

|             | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|-------------|------------|-----------|------------|------------|------------|
| ALAMOSA     | 284        | 344       | 405        | 507        | 568        |
| BACA        | 248        | 299       | 347        | 434        | 487        |
| CHAFFEE     | 315        | 382       | 449        | 562        | 629        |
| CLEAR CREEK | 284        | 344       | 405        | 507        | 568        |
| COSTILLA    | 315        | 382       | 449        | 562        | 629        |
| CUSTER      | 284        | 344       | 405        | 507        | 568        |
| DELOROS     | 284        | 344       | 405        | 507        | 568        |
| ELBERT      | 284        | 344       | 405        | 507        | 568        |
| GARFIELD    | 284        | 344       | 405        | 507        | 568        |
| GRAND       | 284        | 344       | 405        | 507        | 568        |
| HINSDALE    | 284        | 344       | 405        | 507        | 568        |
| JACKSON     | 284        | 344       | 405        | 507        | 568        |
| KIT CARSON  | 284        | 344       | 405        | 507        | 568        |
| LA PLATA    | 284        | 344       | 405        | 507        | 568        |
| LINCOLN     | 284        | 344       | 405        | 507        | 568        |
| MESA        | 284        | 344       | 405        | 507        | 568        |
| MOFFAT      | 284        | 344       | 405        | 507        | 568        |
| MONTROSE    | 284        | 344       | 405        | 507        | 568        |
| OTERO       | 284        | 344       | 405        | 507        | 568        |
| PARK        | 284        | 344       | 405        | 507        | 568        |
| PITKIN      | 284        | 344       | 405        | 507        | 568        |
| RIO BLANCO  | 284        | 344       | 405        | 507        | 568        |
| ROUTT       | 284        | 344       | 405        | 507        | 568        |
| SAN JUAN    | 284        | 344       | 405        | 507        | 568        |
| SAGUACHE    | 284        | 344       | 405        | 507        | 568        |
| SAN MIGUEL  | 284        | 344       | 405        | 507        | 568        |
| SUMMIT      | 284        | 344       | 405        | 507        | 568        |
| TELLER      | 284        | 344       | 405        | 507        | 568        |
| YUMA        | 284        | 344       | 405        | 507        | 568        |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMRS FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMRS FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMRS, AND THE CALCULATION OF THE FMRS FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMRS, ETC.



| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786 |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|----------|-----|----------|-----|----------|
| FINAL FMRS                                                                                                              |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| S T A T E : CONNECTICUT                                                                                                 |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| BRIDGEPORT-MILFORD, CT PMSA                                                                                             |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | FAIRFIELD                                                                                                  | TOWNS OF BRIDGEPORT, EASTON, FAIRFIELD, MONROE, SHELTON, STRATFORD, TRUMBULL                                                                                                                                                                                           | 381     | 462 | 545      | 680 | 763      |     |          |
| COUNTY:                                                                                                                 | NEW HAVEN                                                                                                  | TOWNS OF ANSONIA, BEACON FALLS, DERBY, MILFORD, SEYMOUR                                                                                                                                                                                                                | 323     | 392 | 461      | 577 | 646      |     |          |
| BRISTOL, CT PMSA                                                                                                        |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | HARTFORD                                                                                                   | TOWNS OF BRISTOL, BURLINGTON                                                                                                                                                                                                                                           |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | LITCHFIELD                                                                                                 | TOWNS OF PLYMOUTH                                                                                                                                                                                                                                                      |         |     |          |     |          |     |          |
| DANBURY, CT PMSA                                                                                                        |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | FAIRFIELD                                                                                                  | TOWNS OF BETHEL, BROOKFIELD, DANBURY, NEW FAIRFIELD, NEWTOWN, REDDING, RIDGEFIELD, SHERMAN                                                                                                                                                                             | 412     | 501 | 590      | 737 | 826      |     |          |
| COUNTY:                                                                                                                 | LITCHFIELD                                                                                                 | TOWNS OF BRIDGEWATER, NEW MILFORD                                                                                                                                                                                                                                      |         |     |          |     |          |     |          |
| HARTFORD, CT PMSA                                                                                                       |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | HARTFORD                                                                                                   | TOWNS OF AVON, BLOOMFIELD, CANTON, EAST GRANBY, EAST HARTFORD, EAST WINDSOR, ENFIELD, FARMINGTON, GLASTONBURY, GRANBY, HARTFORD, MANCHESTER, MARLBOROUGH, NEWINGTON, ROCKY HILL, SIMSBURY, SOUTH WINDSOR, SUFFIELD, WEST HARTFORD, WETHERSFIELD, WINDSOR, WINDSOR LOCK | 388     | 473 | 553      | 696 | 776      |     |          |
| COUNTY:                                                                                                                 | LITCHFIELD                                                                                                 | TOWNS OF BARKHAMSTED, NEW HARTFORD                                                                                                                                                                                                                                     |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | MIDDLESEX                                                                                                  | TOWNS OF EAST HADDAM                                                                                                                                                                                                                                                   |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | NEW LONDON                                                                                                 | TOWNS OF COLCHESTER                                                                                                                                                                                                                                                    |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | TOLLAND                                                                                                    | TOWNS OF ANDOVER, BOLTON, COLUMBIA, COVENTRY, ELLINGTON, HEBRON, SOMERS, STAFFORD, TOLLAND, VERNON, WILLINGTON                                                                                                                                                         | 327     | 398 | 468      | 586 | 656      |     |          |
| MIDDLETOWN, CT PMSA                                                                                                     |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | MIDDLESEX                                                                                                  | TOWNS OF CROMWELL, DURHAM, EAST HAMPTON, HADDAM, MIDDLEFIELD, MIDDLETOWN, PORTLAND                                                                                                                                                                                     | 327     | 398 | 468      | 586 | 656      |     |          |
| COUNTY:                                                                                                                 | NEW BRITAIN                                                                                                | TOWNS OF BERLIN, NEW BRITAIN, PLAINVILLE, SOUTHWINGTON                                                                                                                                                                                                                 | 335     | 407 | 479      | 600 | 671      |     |          |
| NEW HAVEN-MERIDEN, CT PMSA                                                                                              |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | HARTFORD                                                                                                   | TOWNS OF CLINTON, KILLINGWORTH                                                                                                                                                                                                                                         | 357     | 434 | 511      | 639 | 715      |     |          |
| COUNTY:                                                                                                                 | MIDDLESEX                                                                                                  | TOWNS OF BETHANY, BRANFORD, CHESHIRE, EAST HAVEN, GUILFORD, HAMDEN, MADISON, MERIDEN, NEW HAVEN, NEW LONDON-NORWICH, CT PMSA                                                                                                                                           |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | NEW LONDON                                                                                                 | TOWNS OF BOZRAH, EAST LYME, FRANKLIN, GRISSWOLD, GROTON, LEDYARD, LISBON, MONTVILLE, NEW LONDON, NORTH STONING, NORWICH, OLD LYME, PRESTON, SALEM, SPRAGUE, STONINGTON, WATERFORD                                                                                      | 372     | 452 | 531      | 664 | 744      |     |          |
| COUNTY:                                                                                                                 | WINDHAM                                                                                                    | TOWNS OF CANTERBURY                                                                                                                                                                                                                                                    |         |     |          |     |          |     |          |
| NORWALK, CT PMSA                                                                                                        |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | FAIRFIELD                                                                                                  | TOWNS OF NORWALK, WESTON, WESTPORT, WILTON                                                                                                                                                                                                                             | 438     | 533 | 627      | 783 | 877      |     |          |
| STAMFORD, CT PMSA                                                                                                       |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | FAIRFIELD                                                                                                  | TOWNS OF DARIEN, GREENWICH, NEW CANAAN, STAMFORD                                                                                                                                                                                                                       | 458     | 557 | 656      | 819 | 917      |     |          |
| WATERBURY, CT PMSA                                                                                                      |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | LITCHFIELD                                                                                                 | TOWNS OF BETHLEHEM, THOMASTON, WATERTOWN, WOODBURY                                                                                                                                                                                                                     | 323     | 392 | 461      | 577 | 646      |     |          |
| COUNTY:                                                                                                                 | NEW HAVEN                                                                                                  | TOWNS OF MIDDLEBURY, NAUGATUCK, PROSPECT, SOUTHBURY, WATERBURY, WOLCOIT                                                                                                                                                                                                |         |     |          |     |          |     |          |
| NONMETROPOLITAN COUNTIES OR PARTS OF COUNTIES                                                                           |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| HARTFORD                                                                                                                | COUNTY                                                                                                     | TOWNS OF HARTLAND                                                                                                                                                                                                                                                      | 0       | 0   | 0        | 0   | 0        | 0   | 0        |
| LITCHFIELD                                                                                                              | COUNTY                                                                                                     | TOWNS OF CANAAN, COLEBROOK, CORNWALL, GOSHEN                                                                                                                                                                                                                           | 323     | 392 | 461      | 577 | 646      | 714 |          |
|                                                                                                                         | HARWINTON, KENT, LITCHFIELD, MORRIS, NORFOLK, NORTH CANAAN, ROXBURY, SALISBURY, SHARON, TORRINGTON, WARREN |                                                                                                                                                                                                                                                                        | 357     | 434 | 510      | 638 | 714      |     |          |
| MIDDLESEX                                                                                                               |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | WINDHAM                                                                                                    | TOWNS OF CHESTER, DEEP RIVER, ESSEX, OLD SAYBROOK                                                                                                                                                                                                                      | 400     | 485 | 571      | 713 | 799      |     |          |
| NEW LONDON                                                                                                              |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY:                                                                                                                 | WINDHAM                                                                                                    | TOWNS OF LEBANON, LYME, VOLUNTOWN                                                                                                                                                                                                                                      | 287     | 349 | 410      | 513 | 575      |     |          |
| TOLLAND                                                                                                                 | COUNTY                                                                                                     | TOWNS OF MANSFIELD, UNION                                                                                                                                                                                                                                              | 387     | 470 | 553      | 691 | 775      |     |          |
| WINDHAM                                                                                                                 | COUNTY                                                                                                     | TOWNS OF ASHFORD, BROOKLYN, CHAPLIN, EASTFORD, HAMPTON                                                                                                                                                                                                                 | 342     | 416 | 489      | 611 | 686      |     |          |
|                                                                                                                         | KILLINGLY, PLAINFIELD, POMFRET, PUTNAM, SCOTLAND, STERLING, THOMPSON, WINDHAM, WOODSTOCK                   |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| S T A T E : DELAWARE                                                                                                    |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| WILMINGTON, DE-ND-MD PMSA                                                                                               |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY(IES):                                                                                                            | NEW CASTLE                                                                                                 |                                                                                                                                                                                                                                                                        | 355     | 425 | 505      | 630 | 750      |     |          |
| NONMETROPOLITAN COUNTIES                                                                                                |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| 0                                                                                                                       | BEDROOMS                                                                                                   | 1                                                                                                                                                                                                                                                                      | BEDROOM | 2   | BEDROOMS | 3   | BEDROOMS | 4   | BEDROOMS |
| KENT                                                                                                                    | 262                                                                                                        | 318                                                                                                                                                                                                                                                                    | 374     | 472 | 523      | 623 | 723      | 823 | 923      |
| S T A T E : DIST. OF COLUMBIA                                                                                           |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| WASHINGTON, DC-MD-VA MSA                                                                                                |                                                                                                            |                                                                                                                                                                                                                                                                        |         |     |          |     |          |     |          |
| COUNTY(IES):                                                                                                            | WASHINGTON                                                                                                 |                                                                                                                                                                                                                                                                        | 393     | 478 | 563      | 707 | 792      |     |          |

NOTE: THE FMRs FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786  
FINAL FMRs  
STATE: FLORIDA

|                                                      | 0 BEDROOMS | 1 BEDROOM  | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|------------------------------------------------------|------------|------------|------------|------------|------------|
| BRADENTON, FL MSA                                    |            |            |            |            |            |
| COUNTY(IES): MANATEE                                 |            |            |            |            |            |
| DAYTONA BEACH, FL MSA                                |            |            |            |            |            |
| COUNTY(IES): VOLUSIA                                 | 326        | 396        | 467        | 583        | 653        |
| FORT LAUDERDALE-HOLLYWOOD-POMPANO BEACH, FL PMSA     | 316        | 382        | 450        | 563        | 631        |
| COUNTY(IES): BROWARD                                 | 365        | 443        | 521        | 651        | 729        |
| FORT MYERS-CAPE CORAL, FL MSA                        | 335        | 407        | 479        | 599        | 671        |
| COUNTY(IES): LEE                                     | 335        | 407        | 479        | 599        | 671        |
| FORT PIERCE, FL MSA                                  | 335        | 407        | 479        | 599        | 671        |
| COUNTY(IES): MARTIN, ST LUCIE                        | 224        | 272        | 320        | 400        | 448        |
| FORT WALTON BEACH, FL MSA                            | 284        | 345        | 406        | 508        | 568        |
| COUNTY(IES): OKALOOSA                                | 297        | 361        | 425        | 531        | 595        |
| GAINESVILLE, FL MSA                                  | 268        | 326        | 383        | 480        | 538        |
| COUNTY(IES): ALACHUA, BRADFORD                       | 307        | 368        | 433        | 542        | 607        |
| JACKSONVILLE, FL MSA                                 | 372        | 445        | 520        | 655        | 730        |
| COUNTY(IES): CLAY, DUVAL, NASSAU, ST JOHNS           | 344        | 417        | 491        | 615        | 689        |
| LAKELAND-WINTER HAVEN, FL MSA                        | 248        | 302        | 354        | 442        | 495        |
| COUNTY(IES): POLK                                    | 328        | 399        | 469        | 571        | 637        |
| MELBOURNE-TITUSVILLE-PALM BAY, FL MSA                | 238        | 290        | 341        | 427        | 477        |
| COUNTY(IES): BREVARD                                 | 266        | 324        | 380        | 476        | 533        |
| MIAMI-HIALEAH, FL PMSA                               | 353        | 429        | 505        | 630        | 706        |
| COUNTY(IES): DADE                                    | 280        | 339        | 400        | 500        | 559        |
| NAPLES, FL MSA                                       | 294        | 357        | 420        | 525        | 589        |
| COUNTY(IES): COLLIER                                 | 342        | 409        | 476        | 581        | 640        |
| OCALA, FL MSA                                        |            |            |            |            |            |
| COUNTY(IES): MARION                                  |            |            |            |            |            |
| ORLANDO, FL MSA                                      |            |            |            |            |            |
| COUNTY(IES): ORANGE, OSCEOLA, SEMINOLE               |            |            |            |            |            |
| PANAMA CITY, FL MSA                                  |            |            |            |            |            |
| COUNTY(IES): BAY                                     |            |            |            |            |            |
| PENSACOLA, FL MSA                                    |            |            |            |            |            |
| COUNTY(IES): ESCAMBIA, SANTA ROSA                    |            |            |            |            |            |
| SARASOTA, FL MSA                                     |            |            |            |            |            |
| COUNTY(IES): SARASOTA                                |            |            |            |            |            |
| TALLAHASSEE, FL MSA                                  |            |            |            |            |            |
| COUNTY(IES): GADSDEN, LEON                           |            |            |            |            |            |
| TAMPA-ST. PETERSBURG-CLEARWATER, FL MSA              |            |            |            |            |            |
| COUNTY(IES): HERNANDO, HILLSBOROUGH, PASCO, PINELLAS |            |            |            |            |            |
| WEST PALM BEACH-BOCA RATON-DELRAY BEACH, FL MSA      |            |            |            |            |            |
| COUNTY(IES): PALM BEACH                              |            |            |            |            |            |
| NONMETROPOLITAN COUNTIES                             |            |            |            |            |            |
| 0 BEDROOMS                                           | 1 BEDROOM  | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |            |
| BAKER                                                | 262        | 308        | 385        | 432        | 366        |
| CHARLOTTE                                            | 394        | 484        | 579        | 649        | 495        |
| COLUMBIA                                             | 243        | 286        | 357        | 400        | 366        |
| DIXIE                                                | 243        | 286        | 357        | 400        | 366        |
| FRANKLIN                                             | 243        | 286        | 357        | 400        | 366        |
| GLADES                                               | 243        | 286        | 357        | 400        | 366        |
| GLADYS                                               | 243        | 286        | 357        | 400        | 366        |
| HAMILTON                                             | 243        | 286        | 357        | 400        | 366        |
| HENDRY                                               | 243        | 286        | 357        | 400        | 366        |
| HOLMES                                               | 243        | 286        | 357        | 400        | 366        |
| JACKSON                                              | 243        | 286        | 357        | 400        | 366        |
| LAFAYETTE                                            | 243        | 286        | 357        | 400        | 366        |
| LEVY                                                 | 243        | 286        | 357        | 400        | 366        |
| MADISON                                              | 243        | 286        | 357        | 400        | 366        |
| OKEECHOBEE                                           | 243        | 286        | 357        | 400        | 366        |
| SUMTER                                               | 243        | 286        | 357        | 400        | 366        |
| TAYLOR                                               | 243        | 286        | 357        | 400        | 366        |
| WAKULLA                                              | 243        | 286        | 357        | 400        | 366        |
| WASHINGTON                                           | 243        | 286        | 357        | 400        | 366        |

NOTE: THE FMRs FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786  
FINAL FMRS  
STATE: GEORGIA

|                                                                                                                          | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|--------------------------------------------------------------------------------------------------------------------------|------------|-----------|------------|------------|------------|
| ALBANY, GA MSA                                                                                                           |            |           |            |            |            |
| COUNTY(IES): DOUGHERTY, LEE                                                                                              |            |           |            |            |            |
| ATHENS, GA MSA                                                                                                           |            |           |            |            |            |
| COUNTY(IES): CLARKE, JACKSON, MADISON, OCONEE                                                                            |            |           |            |            |            |
| ATLANTA, GA MSA                                                                                                          |            |           |            |            |            |
| COUNTY(IES): BARROW, BUTTS, CHEROKEE, CLAYTON, COBB, COWETA, DE KALB, DOUGLAS, FAYETTE, FORSYTH, FULTON, GWINNETT, HENRY |            |           |            |            |            |
| COUNTY(IES): NEWTON, PAULDING, ROCKDALE, SPALDING, WALTON                                                                |            |           |            |            |            |
| AUGUSTA, GA-SC MSA                                                                                                       |            |           |            |            |            |
| COUNTY(IES): COLUMBIA, MCDUFFIE, RICHMOND                                                                                |            |           |            |            |            |
| CHATTANOOGA, GA MSA                                                                                                      |            |           |            |            |            |
| COUNTY(IES): CATOOSA, DADE, WALKER                                                                                       |            |           |            |            |            |
| COLUMBUS, GA-AL MSA                                                                                                      |            |           |            |            |            |
| COUNTY(IES): CHATTAHOOCHEE, COLUMBUS                                                                                     |            |           |            |            |            |
| MACON-WARNER ROBINS, GA MSA                                                                                              |            |           |            |            |            |
| COUNTY(IES): BIBB, HOUSTON, JONES, PEACH                                                                                 |            |           |            |            |            |
| SAVANNAH, GA MSA                                                                                                         |            |           |            |            |            |
| COUNTY(IES): CHATHAM, EFFINGHAM                                                                                          |            |           |            |            |            |

|            | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|------------|------------|-----------|------------|------------|------------|
| ATKINSON   | 200        | 243       | 286        | 358        | 401        |
| BAKER      | 208        | 253       | 294        | 368        | 412        |
| BANKS      | 192        | 234       | 275        | 343        | 384        |
| BEN HILL   | 211        | 256       | 301        | 377        | 422        |
| BLECKLEY   | 208        | 253       | 294        | 368        | 407        |
| BROOKS     | 211        | 256       | 301        | 377        | 422        |
| BULLOCH    | 213        | 259       | 305        | 381        | 427        |
| CALHOUN    | 208        | 253       | 294        | 368        | 412        |
| CANDLER    | 213        | 259       | 305        | 381        | 427        |
| CHARLTON   | 208        | 253       | 294        | 368        | 412        |
| CLAY       | 208        | 253       | 294        | 368        | 412        |
| COFFEE     | 200        | 243       | 286        | 358        | 401        |
| COOK       | 211        | 256       | 301        | 377        | 422        |
| CRISP      | 206        | 250       | 294        | 368        | 412        |
| DECATUR    | 208        | 253       | 294        | 368        | 412        |
| DOOLY      | 208        | 253       | 294        | 368        | 412        |
| ECOLLS     | 201        | 245       | 289        | 362        | 405        |
| EMANUEL    | 201        | 245       | 289        | 362        | 405        |
| FRANKLIN   | 192        | 234       | 275        | 343        | 384        |
| GLASCOCK   | 204        | 248       | 292        | 366        | 409        |
| GORDON     | 216        | 260       | 308        | 381        | 427        |
| GREENE     | 195        | 237       | 277        | 347        | 388        |
| HALL       | 277        | 333       | 395        | 472        | 554        |
| HARALSON   | 216        | 260       | 308        | 381        | 427        |
| HART       | 192        | 234       | 275        | 343        | 384        |
| IRWIN      | 211        | 256       | 301        | 377        | 422        |
| JEFF DAVIS | 213        | 259       | 305        | 381        | 427        |
| JENKINS    | 204        | 248       | 292        | 366        | 409        |
| LAMAR      | 191        | 232       | 273        | 341        | 381        |
| LAURENS    | 203        | 247       | 291        | 364        | 407        |
| LINCOLN    | 204        | 248       | 292        | 366        | 409        |
| LOWNDES    | 211        | 256       | 301        | 377        | 422        |
| MCINTOSH   | 236        | 286       | 337        | 421        | 472        |
| MARION     | 210        | 256       | 297        | 369        | 412        |
| MILLER     | 208        | 253       | 294        | 368        | 412        |
| MONROE     | 173        | 210       | 247        | 309        | 345        |
| MORGAN     | 195        | 236       | 278        | 347        | 388        |
| OGLETHORPE | 200        | 243       | 286        | 358        | 401        |
| PIERCE     | 216        | 260       | 308        | 381        | 427        |
| POLK       | 208        | 253       | 294        | 368        | 412        |
| PUTNAM     | 208        | 253       | 294        | 368        | 412        |
| RABUN      | 195        | 236       | 278        | 347        | 388        |
| SCHLEY     | 210        | 256       | 297        | 369        | 412        |
| SEMINOLE   | 208        | 253       | 294        | 368        | 412        |
| TIENOWAT   | 208        | 253       | 294        | 368        | 412        |
| TALBOTT    | 213        | 259       | 305        | 381        | 427        |
| TELFORD    | 208        | 253       | 294        | 368        | 412        |
| THOMAS     | 213        | 259       | 305        | 381        | 427        |
| TOOMBS     | 213        | 259       | 305        | 381        | 427        |
| TREULEN    | 208        | 253       | 294        | 368        | 412        |
| TURNER     | 211        | 256       | 297        | 369        | 412        |
| UNION      | 195        | 236       | 278        | 347        | 388        |
| WARE       | 200        | 243       | 286        | 358        | 401        |
| WASHINGTON | 208        | 253       | 294        | 368        | 412        |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.







## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

| S T A T E : I L L I N O I S                             |  |  |  |  |  |
|---------------------------------------------------------|--|--|--|--|--|
| AURORA-ELGIN, IL PMSA                                   |  |  |  |  |  |
| COUNTY(IES): KANE, KENDALL                              |  |  |  |  |  |
| BLOOMINGTON-NORMAL, IL MSA                              |  |  |  |  |  |
| COUNTY(IES): MCLEAN                                     |  |  |  |  |  |
| CHAMPAIGN-URBANA-RANTOUL, IL MSA                        |  |  |  |  |  |
| COUNTY(IES): CHAMPAIGN                                  |  |  |  |  |  |
| CHICAGO, IL PMSA                                        |  |  |  |  |  |
| COUNTY(IES): COOK, DU PAGE, MCHEMERY                    |  |  |  |  |  |
| DAVENPORT-ROCK ISLAND-MOLINE, IA-IL MSA                 |  |  |  |  |  |
| COUNTY(IES): HENRY, ROCK ISLAND                         |  |  |  |  |  |
| DECATUR, IL MSA                                         |  |  |  |  |  |
| COUNTY(IES): MACON                                      |  |  |  |  |  |
| JOLIET, IL PMSA                                         |  |  |  |  |  |
| COUNTY(IES): GRUNDY, WILL                               |  |  |  |  |  |
| KANKAKEE, IL MSA                                        |  |  |  |  |  |
| COUNTY(IES): KANKAKEE                                   |  |  |  |  |  |
| LAKE COUNTY, IL PMSA                                    |  |  |  |  |  |
| COUNTY(IES): LAKE                                       |  |  |  |  |  |
| PEORIA, IL MSA                                          |  |  |  |  |  |
| COUNTY(IES): PEORIA, TAZEWELL, WOODFORD                 |  |  |  |  |  |
| ROCKFORD, IL MSA                                        |  |  |  |  |  |
| COUNTY(IES): BOONE, WINNEBAGO                           |  |  |  |  |  |
| ST. LOUIS, MO-IL MSA                                    |  |  |  |  |  |
| COUNTY(IES): CLINTON, JERSEY, MADISON, MONROE, ST CLAIR |  |  |  |  |  |
| SPRINGFIELD, IL MSA                                     |  |  |  |  |  |
| COUNTY(IES): MENARD, SANGAMON                           |  |  |  |  |  |

| NONMETROPOLITAN COUNTIES |           |            |            |            |     |
|--------------------------|-----------|------------|------------|------------|-----|
| 0 BEDROOMS               | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |     |
| ADAMS                    | 220       | 267        | 314        | 393        | 440 |
| BOND                     | 242       | 295        | 346        | 433        | 485 |
| BUREAU                   | 268       | 326        | 384        | 480        | 537 |
| CARROLL                  | 249       | 302        | 356        | 445        | 498 |
| CHRISTIAN                | 254       | 309        | 363        | 454        | 509 |
| CLAY                     | 227       | 276        | 325        | 406        | 455 |
| CRANFORD                 | 227       | 276        | 325        | 406        | 455 |
| DE KALB                  | 290       | 352        | 414        | 518        | 580 |
| DOUGLAS                  | 242       | 295        | 346        | 433        | 485 |
| EDWARDS                  | 220       | 267        | 314        | 393        | 440 |
| FRANKLIN                 | 227       | 276        | 325        | 406        | 455 |
| GALLATIN                 | 254       | 309        | 363        | 454        | 509 |
| HAMILTON                 | 220       | 267        | 314        | 393        | 440 |
| HARDIN                   | 227       | 276        | 325        | 406        | 455 |
| IRROQUOIS                | 227       | 276        | 325        | 406        | 455 |
| JASPER                   | 227       | 276        | 325        | 406        | 455 |
| JO DAVIES                | 249       | 302        | 356        | 445        | 498 |
| KNOX                     | 261       | 316        | 372        | 466        | 522 |
| LAWRENCE                 | 227       | 276        | 325        | 406        | 455 |
| LIVINGSTON               | 252       | 306        | 360        | 454        | 508 |
| MCDONOUGH                | 242       | 294        | 343        | 428        | 482 |
| MARION                   | 227       | 276        | 325        | 406        | 455 |
| MASON                    | 252       | 303        | 358        | 442        | 492 |
| MERCER                   | 236       | 286        | 337        | 422        | 472 |
| MORGAN                   | 252       | 303        | 358        | 442        | 492 |
| OGLE                     | 249       | 302        | 356        | 445        | 498 |
| PIATT                    | 242       | 295        | 346        | 433        | 485 |
| POPE                     | 204       | 247        | 292        | 364        | 407 |
| PUTNAM                   | 268       | 326        | 384        | 480        | 537 |
| RICHLAND                 | 227       | 276        | 325        | 406        | 455 |
| SCHUYLER                 | 220       | 267        | 314        | 393        | 440 |
| SHELBY                   | 254       | 309        | 363        | 454        | 509 |
| STEPHENSON               | 249       | 302        | 356        | 445        | 498 |
| VERMILION                | 252       | 306        | 360        | 454        | 508 |
| WARREN                   | 242       | 294        | 343        | 428        | 482 |
| WAYNE                    | 220       | 267        | 314        | 393        | 440 |
| WHITESIDE                | 304       | 369        | 434        | 543        | 608 |

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## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

## S T A T E : INDIANA

|                                                                                   | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|-----------------------------------------------------------------------------------|------------|-----------|------------|------------|------------|
| ANDERSON, IN MSA                                                                  | 242        | 295       | 346        | 433        | 486        |
| COUNTY(IES): MADISON                                                              |            |           |            |            |            |
| BLOOMINGTON, IN MSA                                                               | 262        | 318       | 374        | 468        | 524        |
| COUNTY(IES): MONROE                                                               |            |           |            |            |            |
| CINCINNATI, OH-KY-IN PMSA                                                         | 254        | 310       | 366        | 458        | 509        |
| COUNTY(IES): DEARBORN                                                             |            |           |            |            |            |
| ELKHART-GOSHEN, IN MSA                                                            | 256        | 310       | 365        | 457        | 511        |
| COUNTY(IES): ELKHART                                                              |            |           |            |            |            |
| EVANSVILLE, IN-KY MSA                                                             | 270        | 320       | 375        | 470        | 526        |
| COUNTY(IES): POSEY, VANDERBURGH, WARRICK                                          |            |           |            |            |            |
| FORT WAYNE, IN MSA                                                                | 270        | 324       | 378        | 474        | 526        |
| COUNTY(IES): ALLEN, DE KALB, WHITLEY                                              |            |           |            |            |            |
| GARY-HAMMOND, IN PMSA                                                             | 310        | 376       | 442        | 553        | 620        |
| COUNTY(IES): LAKE, PORTER                                                         |            |           |            |            |            |
| INDIANAPOLIS, IN MSA                                                              | 263        | 320       | 376        | 469        | 526        |
| COUNTY(IES): BOONE, HAMILTON, HANCOCK, HENDRICKS, JOHNSON, MARION, MORGAN, SHELBY | 267        | 325       | 381        | 477        | 535        |
| KOKOMO, IN MSA                                                                    | 282        | 343       | 403        | 504        | 565        |
| COUNTY(IES): HOWARD, TIPTON                                                       |            |           |            |            |            |
| LAFAYETTE-WEST LAFAYETTE, IN MSA                                                  | 247        | 300       | 351        | 438        | 490        |
| COUNTY(IES): TIPPECANOE                                                           |            |           |            |            |            |
| LOUISVILLE, KY-IN MSA                                                             | 233        | 280       | 329        | 408        | 457        |
| COUNTY(IES): CLARK, FLOYD, HARRISON                                               |            |           |            |            |            |
| MUNCIE, IN MSA                                                                    | 264        | 319       | 372        | 462        | 513        |
| COUNTY(IES): DELAWARE                                                             |            |           |            |            |            |
| SOUTH BEND-MISHAWAKA, IN MSA                                                      | 239        | 291       | 340        | 422        | 468        |
| COUNTY(IES): ST JOSEPH                                                            |            |           |            |            |            |
| TERRE HAUTE, IN MSA                                                               |            |           |            |            |            |
| COUNTY(IES): CLAY, VIGO                                                           |            |           |            |            |            |

## NONMETROPOLITAN COUNTIES

|            | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|------------|------------|-----------|------------|------------|------------|
| ADAMS      | 238        | 289       | 336        | 420        | 470        |
| BENTON     | 228        | 277       | 327        | 408        | 457        |
| BROWN      | 269        | 327       | 385        | 481        | 539        |
| CASS       | 221        | 268       | 315        | 395        | 442        |
| DRAWFORD   | 269        | 327       | 385        | 481        | 539        |
| DECATUR    | 232        | 279       | 327        | 408        | 457        |
| FRANKLIN   | 262        | 310       | 357        | 444        | 491        |
| GIBSON     | 222        | 269       | 318        | 397        | 444        |
| GREENE     | 235        | 282       | 330        | 414        | 461        |
| HUNTINGTON | 235        | 282       | 330        | 414        | 461        |
| JACKSON    | 215        | 262       | 308        | 385        | 431        |
| JASPER     | 235        | 282       | 330        | 414        | 461        |
| KNOX       | 228        | 277       | 327        | 408        | 457        |
| LAGRANGE   | 244        | 295       | 346        | 433        | 486        |
| LAWRENCE   | 247        | 299       | 350        | 438        | 490        |
| MARTIN     | 222        | 269       | 318        | 397        | 444        |
| MONTCOMERY | 228        | 277       | 327        | 408        | 457        |
| NOBLE      | 243        | 295       | 346        | 433        | 486        |
| ORANGE     | 197        | 239       | 281        | 357        | 408        |
| PARKE      | 228        | 277       | 327        | 408        | 457        |
| PIKE       | 256        | 310       | 365        | 457        | 511        |
| PUTNAM     | 236        | 287       | 337        | 422        | 472        |
| RIPLEY     | 256        | 310       | 365        | 457        | 511        |
| SCOTT      | 244        | 297       | 350        | 437        | 490        |
| STARKE     | 228        | 279       | 327        | 408        | 457        |
| SULLIVAN   | 228        | 279       | 327        | 408        | 457        |
| UNION      | 221        | 268       | 315        | 395        | 442        |
| WABASH     | 221        | 268       | 315        | 395        | 442        |
| WASHINGTON | 264        | 319       | 372        | 462        | 513        |
| WELLS      | 240        | 291       | 340        | 422        | 468        |

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| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786 |            |            |            |            |            |
|-------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|------------|------------|
| FINAL FMRS                                                                                                              |            |            |            |            |            |
| STATE: IOWA                                                                                                             |            |            |            |            |            |
|                                                                                                                         | 0 BEDROOMS | 1 BEDROOM  | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
| CEDAR RAPIDS, IA MSA                                                                                                    | 300        | 364        | 428        | 536        | 601        |
| COUNTY(IES): LINN                                                                                                       |            |            |            |            |            |
| DAVENPORT-ROCKY ISLAND-MOLINE, IA-IL MSA                                                                                | 309        | 375        | 441        | 551        | 617        |
| COUNTY(IES): SCOTT                                                                                                      |            |            |            |            |            |
| DES MOINES COUNTY(IES): DALLAS, POLK, WARREN                                                                            | 299        | 363        | 427        | 535        | 599        |
| DUBUQUE, IA MSA                                                                                                         | 278        | 336        | 396        | 495        | 555        |
| COUNTY(IES): DUBUQUE                                                                                                    |            |            |            |            |            |
| IOWA CITY COUNTY(IES): JOHNSON                                                                                          | 315        | 383        | 450        | 563        | 631        |
| COUNTY(IES): JOHNSON                                                                                                    |            |            |            |            |            |
| OMAHA, NE-IA MSA                                                                                                        | 273        | 331        | 390        | 488        | 547        |
| COUNTY(IES): POTTAWATTAMI                                                                                               |            |            |            |            |            |
| SIoux CITY, IA-NE MSA                                                                                                   | 270        | 329        | 387        | 484        | 542        |
| COUNTY(IES): WOODBURY                                                                                                   |            |            |            |            |            |
| WATERLOO-CEDAR FALLS, IA MSA                                                                                            | 301        | 365        | 430        | 538        | 603        |
| COUNTY(IES): BLACK HAWK, BREMER                                                                                         |            |            |            |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |            |            |            |            |            |
| 0 BEDROOMS                                                                                                              | 1 BEDROOM  | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |            |
| ADAIR                                                                                                                   | 228        | 277        | 326        | 408        | 456        |
| ALLAMAKEE                                                                                                               | 240        | 292        | 344        | 430        | 482        |
| AUDUBON                                                                                                                 | 241        | 294        | 346        | 430        | 484        |
| BOONE                                                                                                                   | 275        | 333        | 392        | 490        | 549        |
| BUENA VISTA                                                                                                             | 236        | 287        | 337        | 422        | 474        |
| CALHOUN                                                                                                                 | 241        | 294        | 346        | 432        | 484        |
| CASS                                                                                                                    | 248        | 300        | 353        | 442        | 495        |
| CERRO GORDO                                                                                                             | 238        | 290        | 341        | 426        | 478        |
| CHICKASAW                                                                                                               | 240        | 292        | 344        | 430        | 482        |
| CLAY                                                                                                                    | 268        | 326        | 384        | 480        | 538        |
| CLINTON                                                                                                                 | 236        | 287        | 337        | 422        | 474        |
| DAVIS                                                                                                                   | 268        | 326        | 384        | 480        | 538        |
| DELAWARE                                                                                                                | 236        | 287        | 337        | 422        | 474        |
| DICKINSON                                                                                                               | 240        | 292        | 344        | 430        | 482        |
| FAYETTE                                                                                                                 | 238        | 290        | 341        | 426        | 478        |
| FRANKLIN                                                                                                                | 241        | 294        | 346        | 430        | 484        |
| GREENE                                                                                                                  | 241        | 294        | 346        | 430        | 484        |
| GUTHRIE                                                                                                                 | 241        | 294        | 346        | 430        | 484        |
| HARISON                                                                                                                 | 241        | 294        | 346        | 430        | 484        |
| HOWARD                                                                                                                  | 241        | 294        | 346        | 430        | 484        |
| IDA                                                                                                                     | 241        | 294        | 346        | 430        | 484        |
| JACKSON                                                                                                                 | 252        | 305        | 359        | 456        | 510        |
| JEFFERSON                                                                                                               | 252        | 305        | 359        | 456        | 510        |
| KEOKUK                                                                                                                  | 252        | 305        | 359        | 456        | 510        |
| LEE                                                                                                                     | 252        | 305        | 359        | 456        | 510        |
| LUCAS                                                                                                                   | 252        | 305        | 359        | 456        | 510        |
| MADISON                                                                                                                 | 252        | 305        | 359        | 456        | 510        |
| MARION                                                                                                                  | 252        | 305        | 359        | 456        | 510        |
| MILLS                                                                                                                   | 252        | 305        | 359        | 456        | 510        |
| MONONA                                                                                                                  | 252        | 305        | 359        | 456        | 510        |
| MONTGOMERY                                                                                                              | 252        | 305        | 359        | 456        | 510        |
| O BRIEN                                                                                                                 | 252        | 305        | 359        | 456        | 510        |
| PAGE                                                                                                                    | 252        | 305        | 359        | 456        | 510        |
| PLYMOUTH                                                                                                                | 252        | 305        | 359        | 456        | 510        |
| POWESHIEK                                                                                                               | 252        | 305        | 359        | 456        | 510        |
| SAC                                                                                                                     | 252        | 305        | 359        | 456        | 510        |
| SIoux                                                                                                                   | 252        | 305        | 359        | 456        | 510        |
| TAMA                                                                                                                    | 252        | 305        | 359        | 456        | 510        |
| UNION                                                                                                                   | 252        | 305        | 359        | 456        | 510        |
| WAPELLO                                                                                                                 | 252        | 305        | 359        | 456        | 510        |
| WAYNE                                                                                                                   | 252        | 305        | 359        | 456        | 510        |
| WINNEBAGO                                                                                                               | 252        | 305        | 359        | 456        | 510        |
| WORTH                                                                                                                   | 252        | 305        | 359        | 456        | 510        |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMRS FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMRS FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMRS, AND THE CALCULATION OF THE FMRS FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMRS, ETC.







| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786 |           |            |            |            |                |           |            |            |            |
|-------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|------------|----------------|-----------|------------|------------|------------|
| S T A T E : KENTUCKY                                                                                                    |           |            |            |            |                |           |            |            |            |
| CINCINNATI, OH-KY-IN PMSA                                                                                               |           |            |            |            |                |           |            |            |            |
| COUNTIES: BOONE, CAMPELLE, KENTON                                                                                       |           |            |            |            |                |           |            |            |            |
| CLARKSVILLE-HOPKINSVILLE, TN-KY MSA                                                                                     |           |            |            |            |                |           |            |            |            |
| COUNTIES: CHRISTIAN                                                                                                     |           |            |            |            |                |           |            |            |            |
| EVANSVILLE, IN-KY MSA                                                                                                   |           |            |            |            |                |           |            |            |            |
| COUNTIES: HENDERSON                                                                                                     |           |            |            |            |                |           |            |            |            |
| HUNTINGTON, WV-KY-OH MSA                                                                                                |           |            |            |            |                |           |            |            |            |
| COUNTIES: BOYD, CARTER, GREENUP                                                                                         |           |            |            |            |                |           |            |            |            |
| LEXINGTON, KY MSA                                                                                                       |           |            |            |            |                |           |            |            |            |
| COUNTIES: BOURBON, CLARK, FAYETTE, JESSAMINE, SCOTT, WOODFORD                                                           |           |            |            |            |                |           |            |            |            |
| LOUISVILLE, KY-IN MSA                                                                                                   |           |            |            |            |                |           |            |            |            |
| COUNTIES: BULLITT, JEFFERSON, OLDHAM, SHELBY                                                                            |           |            |            |            |                |           |            |            |            |
| OWENSBORO, KY MSA                                                                                                       |           |            |            |            |                |           |            |            |            |
| COUNTIES: DAVIESS                                                                                                       |           |            |            |            |                |           |            |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |           |            |            |            |                |           |            |            |            |
| 0 BEDROOMS                                                                                                              | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS | 0 BEDROOMS     | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
| ADAIR 211                                                                                                               | 257       | 300        | 370        | 414        | ALLEN 218      | 216       | 254        | 317        | 356        |
| ANDERSON 211                                                                                                            | 321       | 377        | 471        | 527        | BALLARD 219    | 256       | 308        | 385        | 432        |
| BARREN 225                                                                                                              | 273       | 322        | 401        | 451        | BATH 219       | 256       | 308        | 378        | 423        |
| BELL 229                                                                                                                | 279       | 328        | 410        | 459        | BOYDE 217      | 256       | 308        | 378        | 423        |
| BRECKINRIDGE 211                                                                                                        | 256       | 302        | 378        | 423        | BREATHITT 217  | 256       | 308        | 378        | 423        |
| BRECKINRIDGE 208                                                                                                        | 275       | 327        | 406        | 454        | BUTLER 217     | 256       | 308        | 378        | 423        |
| CALDWELL 226                                                                                                            | 275       | 327        | 406        | 454        | CALLOWAY 217   | 256       | 308        | 378        | 423        |
| CARLISLE 216                                                                                                            | 262       | 308        | 385        | 432        | CARROLL 217    | 256       | 308        | 378        | 423        |
| CASEY 207                                                                                                               | 251       | 296        | 370        | 414        | CLAY 217       | 256       | 308        | 378        | 423        |
| CLINTON 211                                                                                                             | 257       | 300        | 370        | 414        | CRITTENDON 217 | 256       | 308        | 378        | 423        |
| CUMBERLAND 211                                                                                                          | 257       | 300        | 370        | 414        | EDMONSON 178   | 226       | 275        | 346        | 399        |
| ELLIOTT 211                                                                                                             | 257       | 300        | 370        | 414        | ESTILL 217     | 256       | 308        | 378        | 423        |
| FLEMING 211                                                                                                             | 256       | 302        | 378        | 423        | FLOYD 217      | 256       | 308        | 378        | 423        |
| FRANKLIN 211                                                                                                            | 256       | 302        | 378        | 423        | FULTON 217     | 256       | 308        | 378        | 423        |
| GALLATIN 217                                                                                                            | 264       | 310        | 388        | 434        | GARRARD 216    | 256       | 308        | 378        | 423        |
| GRANT 217                                                                                                               | 264       | 310        | 388        | 434        | GRAVES 216     | 256       | 308        | 378        | 423        |
| GRAYSON 208                                                                                                             | 253       | 297        | 372        | 416        | GREEN 216      | 256       | 308        | 378        | 423        |
| HANCOCK 219                                                                                                             | 266       | 313        | 392        | 438        | HARDIN 216     | 256       | 308        | 378        | 423        |
| HARLAN 219                                                                                                              | 279       | 328        | 410        | 459        | HARRISON 216   | 256       | 308        | 378        | 423        |
| HART 178                                                                                                                | 216       | 254        | 317        | 356        | HENRY 194      | 236       | 273        | 342        | 383        |
| HICKMAN 216                                                                                                             | 262       | 308        | 385        | 432        | HOPKINS 226    | 275       | 325        | 396        | 445        |
| JACKSON 195                                                                                                             | 237       | 278        | 347        | 389        | HOPKINS 226    | 275       | 325        | 396        | 445        |
| KNOTT 217                                                                                                               | 263       | 310        | 387        | 434        | JOHNSON 230    | 280       | 329        | 401        | 450        |
| LARUE 208                                                                                                               | 253       | 297        | 372        | 416        | KNOX 201       | 244       | 287        | 373        | 423        |
| LAWRENCE 195                                                                                                            | 253       | 297        | 372        | 416        | LAUREL 195     | 237       | 278        | 347        | 389        |
| LESLIE 211                                                                                                              | 263       | 310        | 387        | 434        | LEE 217        | 263       | 310        | 387        | 434        |
| LIVINGSTON 196                                                                                                          | 256       | 302        | 378        | 423        | LETCHER 217    | 263       | 310        | 387        | 434        |
| LYON 196                                                                                                                | 256       | 302        | 378        | 423        | LINCOLN 217    | 263       | 310        | 387        | 434        |
| LYON 196                                                                                                                | 256       | 302        | 378        | 423        | LOGAN 217      | 263       | 310        | 387        | 434        |
| MCCREARY 211                                                                                                            | 257       | 302        | 378        | 423        | MCCracken 226  | 265       | 312        | 385        | 432        |
| MADISON 211                                                                                                             | 257       | 302        | 378        | 423        | MCLEAN 219     | 265       | 312        | 385        | 432        |
| MARTIN 211                                                                                                              | 257       | 302        | 378        | 423        | MAGOFFIN 230   | 280       | 329        | 401        | 450        |
| MARTIN 211                                                                                                              | 257       | 302        | 378        | 423        | MARSHALL 211   | 256       | 308        | 378        | 423        |
| MEADE 216                                                                                                               | 263       | 310        | 387        | 434        | MASON 211      | 256       | 308        | 378        | 423        |
| MERCER 216                                                                                                              | 263       | 310        | 387        | 434        | MENIFFE 211    | 256       | 308        | 378        | 423        |
| MORGAN 178                                                                                                              | 211       | 254        | 317        | 356        | MEIGALFE 178   | 216       | 254        | 317        | 356        |
| MORGAN 178                                                                                                              | 211       | 254        | 317        | 356        | MONTGOMERY 211 | 256       | 308        | 378        | 423        |
| NELSON 208                                                                                                              | 257       | 302        | 378        | 423        | MUHLBERG 211   | 256       | 308        | 378        | 423        |
| NELSON 208                                                                                                              | 257       | 302        | 378        | 423        | MUCHOLAS 211   | 256       | 308        | 378        | 423        |
| OHIO 219                                                                                                                | 266       | 313        | 392        | 438        | MUCHOLAS 211   | 256       | 308        | 378        | 423        |
| OWSLEY 217                                                                                                              | 266       | 313        | 392        | 438        | PERDUE 211     | 256       | 308        | 378        | 423        |
| PERRY 217                                                                                                               | 266       | 313        | 392        | 438        | PINE 211       | 256       | 308        | 378        | 423        |
| POWELL 217                                                                                                              | 266       | 313        | 392        | 438        | PULASKI 211    | 256       | 308        | 378        | 423        |
| ROBERTSON 211                                                                                                           | 256       | 302        | 378        | 423        | ROCKCASTLE 195 | 236       | 273        | 342        | 383        |
| ROWAN 211                                                                                                               | 256       | 302        | 378        | 423        | RUSSELL 207    | 251       | 298        | 370        | 419        |
| SIMPSON 227                                                                                                             | 276       | 326        | 408        | 456        | SPENCER 194    | 236       | 273        | 342        | 383        |
| TAYLOR 211                                                                                                              | 257       | 302        | 378        | 423        | TODD 195       | 236       | 273        | 342        | 383        |
| TRIGG 211                                                                                                               | 257       | 302        | 378        | 423        | TRIMBLE 195    | 236       | 273        | 342        | 383        |
| UNION 196                                                                                                               | 238       | 280        | 349        | 391        | WARREN 194     | 236       | 273        | 342        | 383        |
| WASHINGTON 219                                                                                                          | 266       | 313        | 392        | 438        | WAYNE 211      | 257       | 308        | 378        | 423        |
| WEBSTER 219                                                                                                             | 266       | 313        | 392        | 438        | WHITLEY 229    | 279       | 328        | 410        | 459        |
| WOLFE 217                                                                                                               | 263       | 310        | 387        | 434        |                |           |            |            |            |

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SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100789  
FINAL FMRS  
STATE: LOUISIANA  
0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4

[illegible]

NOTE: THE FMRs FOR UNIT SIZES LARGER THAN FOUR BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

| S T A T E : MAINE                             |                                                                                                                     |            |           |            |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------|-----------|------------|
| BANGOR, ME MSA                                |                                                                                                                     |            |           |            |
| COUNTY:                                       | PENOBSCOT TOWNS OF BANGOR, BREWER, EDDINGTON, GLENBURN, HAMPTON, HARMON, KENDUSKEAG, OLD TOWN, ORONO                | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS |
| LEWISTON-AUBURN, ME MSA                       | WALDO TOWNS OF WINTERPORT                                                                                           | 288        | 351       | 412        |
| PORTLAND, ME MSA                              | ANDROSCOGGIN TOWNS OF AUBURN, GREENE, LEWISTON, LISBON, MECHANIC FALL, POLAND, SABATTUS                             | 304        | 361       | 408        |
| PORTSMOUTH-COVER-ROCHESTER, NH-ME MSA         | CUMBERLAND TOWNS OF CAPE ELIZABETH, CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND | 350        | 451       | 530        |
| COUNTY:                                       | SCARBOROUGH, SOUTH PORTLAND, STANDISH, WESTBROOK, WINDHAM, YARMOUTH                                                 | 376        | 453       | 538        |
| COUNTY:                                       | YORK TOWNS OF BUXTON, HOLLIS, OLD ORCHARD                                                                           | 376        | 453       | 538        |
| COUNTY:                                       | YORK TOWNS OF BERWICK, ELIOT, KITTERY, NORTH BERWICK, SOUTH BERWICK, WELLS, YORK                                    | 376        | 453       | 538        |
| NONMETROPOLITAN COUNTIES OR PARTS OF COUNTIES |                                                                                                                     |            |           |            |
| COUNTY:                                       | COUNTY TOWNS OF BANGOR, BREWER, EDDINGTON, GLENBURN, HAMPTON, HARMON, KENDUSKEAG, OLD TOWN, ORONO                   | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS |
| ANDROSCOGGIN                                  | CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND                                     | 263        | 311       | 368        |
| AROSTOOK                                      | WALDO TOWNS OF WINTERPORT                                                                                           | 288        | 351       | 412        |
| CUMBERLAND                                    | ANDROSCOGGIN TOWNS OF AUBURN, GREENE, LEWISTON, LISBON, MECHANIC FALL, POLAND, SABATTUS                             | 297        | 361       | 408        |
| FRANKLIN                                      | CUMBERLAND TOWNS OF CAPE ELIZABETH, CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND | 280        | 316       | 376        |
| HANCOCK                                       | SCARBOROUGH, SOUTH PORTLAND, STANDISH, WESTBROOK, WINDHAM, YARMOUTH                                                 | 282        | 334       | 392        |
| KENNEBEC                                      | YORK TOWNS OF BUXTON, HOLLIS, OLD ORCHARD                                                                           | 282        | 334       | 392        |
| KNOX                                          | YORK TOWNS OF BERWICK, ELIOT, KITTERY, NORTH BERWICK, SOUTH BERWICK, WELLS, YORK                                    | 282        | 334       | 392        |
| LINCOLN                                       | YORK TOWNS OF BUXTON, HOLLIS, OLD ORCHARD                                                                           | 282        | 334       | 392        |
| OXFORD                                        | YORK TOWNS OF BERWICK, ELIOT, KITTERY, NORTH BERWICK, SOUTH BERWICK, WELLS, YORK                                    | 282        | 334       | 392        |
| PENOBSCOT                                     | CUMBERLAND TOWNS OF CAPE ELIZABETH, CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND | 282        | 334       | 392        |
| PISCATAQUIS                                   | CUMBERLAND TOWNS OF CAPE ELIZABETH, CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND | 282        | 334       | 392        |
| SAGadahoc                                     | CUMBERLAND TOWNS OF CAPE ELIZABETH, CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND | 282        | 334       | 392        |
| SOMERSET                                      | CUMBERLAND TOWNS OF CAPE ELIZABETH, CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND | 282        | 334       | 392        |
| WASHINGTON                                    | CUMBERLAND TOWNS OF CAPE ELIZABETH, CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND | 282        | 334       | 392        |
| YORK                                          | CUMBERLAND TOWNS OF CAPE ELIZABETH, CUMBERLAND, FALMOUTH, FREEPORT, GORHAM, GRAY, NORTH YARMOUTH, PORTLAND, RAYMOND | 282        | 334       | 392        |
| S T A T E : MARYLAND                          |                                                                                                                     |            |           |            |
| BALTIMORE, MD MSA                             |                                                                                                                     |            |           |            |
| COUNTY:                                       | COUNTY TOWNS OF BALTIMORE, ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                              | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS |
| COLUMBIA, MD MSA                              | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| CUMBERLAND, MD MSA                            | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| HAGERSTOWN, MD MSA                            | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| WASHINGTON, DC-MD MSA                         | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| WILMINGTON, DE-MD MSA                         | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| NONMETROPOLITAN COUNTIES                      |                                                                                                                     |            |           |            |
| COUNTY:                                       | COUNTY TOWNS OF BALTIMORE, ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                              | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS |
| CAROLINE                                      | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| GARRETT                                       | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| ST MARYS                                      | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| TALBOT                                        | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |
| WORCESTER                                     | ANNAPOLIS, CARROLL, HARFORD, HOWARD, QUEEN ANNES, BALTIMORE                                                         | 335        | 407       | 479        |

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| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786                                                                                                                                                                                                                                                                                                                                                |     |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| FINAL FMRs                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |     |     |     |
| S T A T E: MASSACHUSETTS                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |     |     |     |
| BOSTON, MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF MANSFIELD, NORTON, RAYNHAM                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: ESSEX TOWNS OF LYNN, LYNNFIELD, NAHANT, SAUGUS                                                                                                                                                                                                                                                                                                                                                                                                                 |     |     |     |     |
| COUNTY: MIDDLESEX TOWNS OF ACTON, ARLINGTON, ASHLAND, AYER, BEDFORD, BELMONT, BOXBOROUGH, BURLINGTON, CAMBRIDGE, CARLISLE, CONCORD, EVERETT, FRAMINGHAM, GROTON, HOLLISTON, HOPKINTON, HUDSON, LEXINGTON, LINCOLN, LITTLETON, MALDEN, MARLBOROUGH, MAYNARD, MEDFORD, MELROSE, NATICK, NEWTON, NORTH READING, READING, SHERBORN, SHIRLEY, SOMERVILLE, STONEHAM, STOW, SUDBURY, TOWNSEND, WAKEFIELD, WALTHAM, WATERTOWN, WAYLAND, WESTON, WILMINGTON, WINCHESTER, WOBURN |     |     |     |     |
| COUNTY: NORFOLK TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      |     |     |     |     |
| COUNTY: PLYMOUTH TOWNS OF CARVER, DUXBURY, HANOVER, HANSON, HINGHAM, HULL, KINGSTON, LAKEVILLE, MARSHFIELD, MIDDLEBOROUGH, ROCKLAND, SCITUATE                                                                                                                                                                                                                                                                                                                          |     |     |     |     |
| COUNTY: SUFFOLK TOWNS OF BEDFORD, BOSTON, CHELSEA, REVERE, WINTHROP                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: WORCESTER TOWNS OF BERLIN, BOLTON, HARVARD, HOPEDALE, LANCASTER, MENDON, MILFORD, SOUTHBOROUGH, UPTON                                                                                                                                                                                                                                                                                                                                                          | 379 | 458 | 574 | 779 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF EASTON                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: NORFOLK TOWNS OF AVON                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |     |     |     |
| COUNTY: PLYMOUTH TOWNS OF ABINGTON, BRIDGEWATER, BROCKTON, EAST BRIDGE, HALIFAX, WEST BRIDGE, WHITMAN                                                                                                                                                                                                                                                                                                                                                                  | 335 | 399 | 479 | 554 |
| COUNTY: MA-RI PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF FALL RIVER, SOMERSET, SWANSEA, WESTPORT                                                                                                                                                                                                                                                                                                                                                                                                       | 298 | 362 | 426 | 532 |
| COUNTY: LEOMINSTER, MA MSA                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |     |     |     |
| COUNTY: MIDDLESEX TOWNS OF ASHBY                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |     |     |
| COUNTY: WORCESTER TOWNS OF ASHBURNHAM, FITCHBURG, LEOMINSTER, LUNENBURG, WESTMINSTER                                                                                                                                                                                                                                                                                                                                                                                   | 369 | 448 | 527 | 658 |
| COUNTY: MA-NH PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |     |     |     |
| COUNTY: ESSEX TOWNS OF AMESBURY, ANDOVER, BOXFORD, GEORGETOWN, GROVELAND, HAVERHILL, LAWRENCE, MERRIMAC, METHUEN, NEWBURY, NEWBURYPORT, NORTH ANDOVER, SALISBURY, WEST NEWBURY                                                                                                                                                                                                                                                                                         | 390 | 474 | 553 | 669 |
| COUNTY: MA-NH PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |     |     |     |
| COUNTY: MIDDLESEX TOWNS OF BILLERICA, CHELMSFORD, DRACUT, DUNSTABLE, LOWELL, PEPPERELL, TEMKSBUURY, TYNGSBOROUGH, WESTFORD, NEW BEDFORD                                                                                                                                                                                                                                                                                                                                | 341 | 383 | 455 | 554 |
| COUNTY: MA MSA                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF ACUSHNET, DARTMOUTH, FAIRHAVEN, FREETOWN, NEW BEDFORD                                                                                                                                                                                                                                                                                                                                                                                         | 298 | 362 | 426 | 532 |
| COUNTY: PLYMOUTH TOWNS OF MARION, MATTAPoisETT, ROCHESTER                                                                                                                                                                                                                                                                                                                                                                                                              |     |     |     |     |
| COUNTY: WOONSOCKET-ATTLEBORO, RI-MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                               |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF ATTLEBORO, NORTH ATTLEB, REHOBOTH, SEEKONK                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: NORFOLK TOWNS OF PLAINVILLE                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: WORCESTER TOWNS OF BLACKSTONE, MILLVILLE                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |     |     |
| COUNTY: MA MSA                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |     |     |     |
| COUNTY: BERKSHIRE TOWNS OF CHESHIRE, DALTON, HINSDALE, LANESBOROUGH, LEE, LENOX, PITTSFIELD, RICHMOND, STOCKBRIDGE                                                                                                                                                                                                                                                                                                                                                     | 309 | 373 | 437 | 543 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF BEVERLY, DANVERS, ESSEX, GLOUCESTER, HAMILTON, IPSWICH, MANCHESTER, MARBLEHEAD, MIDDLETON, PEABODY, ROCKPORT, ROWLEY, SALEM, SWAMPSCOTT, TOPSFIELD, WENHAM                                                                                                                                                                                                                                                                                      | 421 | 521 | 611 | 763 |
| COUNTY: MA MSA                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF ACAM, CHICOPEE, EAST LONGMEAD, HOLYOKE, LONGMEAD, LUDLOW, MONSON, MONTGOMERY, PALMER, RUSSELL, SOUTHWICK, SPRINGFIELD, WESTFIELD, WEST SPRINGFIELD, WILBRAHAM                                                                                                                                                                                                                                                                               | 346 | 421 | 490 | 612 |
| COUNTY: MA MSA                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF BELCHERTOWN, EASTHAMPTON, GRANBY, HUNTINGTON, NORTHAMPTON, SOUTHAMPTON, SOUTH HADLEY                                                                                                                                                                                                                                                                                                                                                        | 351 | 431 | 506 | 634 |
| COUNTY: WORCESTER TOWNS OF AUBURN, BARRE, BOYLSTON, BROOKFIELD, CHARLTON, CLINTON, DOUGLAS, DUDLEY, EAST BROOKFIELD, GRAFTON, HOLDEN, LEICESTER, WILLBURY, NORTHBOROUGH, NORTHBRIDGE, NORTH BROOKFIELD, OXFORD, PAXTON, PRINCETON, RUTLAND, SHREWSBURY, SPENCER, STERLING, SUTTON, UXBRIDGE, WEBSTER, WESTBOROUGH, WEST BOYLSTON, WORCESTER                                                                                                                            | 351 | 431 | 506 | 634 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                      |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
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| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, DEDHAM, DOVER, FOXBOROUGH, FRANKLIN, HOLBROOK, MEDFELD, MEDWAY, MILLIS, MILTON, NEEDHAM, NORFOLK, NORWOOD, QUINCY, RANDOLPH, SHARON, STOUTHINGTON, WALPOLE, WENDELSLEY, WESTWOOD, WEYMOUTH, WRENTHAM                                                                                                                                                                                      | 312 | 379 | 446 | 557 |
| COUNTY: HAMPSHIRE TOWNS OF BLANDFORD, BRIMFIELD, CHESTER, GRANVILLE                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |     |
| COUNTY: HAMPSHIRE TOWNS OF AMHERST, CHESTERFIELD, CUMMINGTON, GOSHEN                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 469 | 575 | 692 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: ESSEX TOWNS OF ALFORD, BECKET, CLARKSBURG, EGREMONT                                                                                                                                                                                                                                                                                                                                                                                                            | 453 | 559 | 639 | 799 |
| COUNTY: FLORIDA, GREAT BARRIN, HANCOCK, MONTEREY, MOUNT WASHINGTON, NEW ASHFORD, NEW MARLBOROUGH, NORTH ADAMS, OTIS, PERU                                                                                                                                                                                                                                                                                                                                              | 298 | 362 | 426 | 532 |
| COUNTY: SANDISFIELD, SAVOY, SHEFFIELD, TYRINGHAM, WASHINGTON, WEST STOCKBRIDGE, WILLIAMSTOWN, WINDSOR                                                                                                                                                                                                                                                                                                                                                                  | 330 | 390 | 459 | 564 |
| COUNTY: TOWN OF BERKLEY, DIGHTON, TAUNTON                                                                                                                                                                                                                                                                                                                                                                                                                              | 345 | 410 | 479 | 595 |
| COUNTY: MA PMSA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BELLINGHAM, BRAINTREE, BROOKLINE, CANTON, COHASSET, D                                                                                                                                                                                                                                                                                                                                                                                         |     |     |     |     |







## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

| S T A T E: MINNESOTA                                                                             |     |      |      |      |  |
|--------------------------------------------------------------------------------------------------|-----|------|------|------|--|
| -----                                                                                            |     |      |      |      |  |
| DULUTH, MN-WI MSA                                                                                |     |      |      |      |  |
| COUNTY(IES): ST LOUIS                                                                            |     |      |      |      |  |
| FARGO-MOORHEAD, ND-MN MSA                                                                        |     |      |      |      |  |
| COUNTY(IES): CLAY                                                                                |     |      |      |      |  |
| MINNEAPOLIS-ST. PAUL, MN-WI MSA                                                                  |     |      |      |      |  |
| COUNTY(IES): ANOKA, CARVER, CHISAGO, DAKOTA, HENNEPIN, ISANTI, RAMSEY, SCOTT, WASHINGTON, WRIGHT |     |      |      |      |  |
| ROCHESTER, MN MSA                                                                                |     |      |      |      |  |
| COUNTY(IES): OLMSTED                                                                             |     |      |      |      |  |
| ST. CLOUD, MN MSA                                                                                |     |      |      |      |  |
| COUNTY(IES): BENTON, SHERBURNE, STEARNS                                                          |     |      |      |      |  |
| 0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4 BEDROOMS                                            |     |      |      |      |  |
| 279                                                                                              | 333 | 392  | 490  | 549  |  |
| 281                                                                                              | 342 | 402  | 504  | 564  |  |
| 350                                                                                              | 424 | 502  | 628  | 701  |  |
| 296                                                                                              | 359 | 423  | 528  | 591  |  |
| 282                                                                                              | 342 | 402  | 504  | 564  |  |
| NONMETROPOLITAN COUNTIES                                                                         |     |      |      |      |  |
| 0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4 BEDROOMS                                            |     |      |      |      |  |
| 232                                                                                              | 307 | 381  | 452  | 525  |  |
| 235                                                                                              | 310 | 384  | 455  | 528  |  |
| 238                                                                                              | 313 | 387  | 458  | 531  |  |
| 241                                                                                              | 316 | 390  | 461  | 534  |  |
| 244                                                                                              | 319 | 393  | 464  | 537  |  |
| 247                                                                                              | 322 | 396  | 467  | 540  |  |
| 250                                                                                              | 325 | 399  | 470  | 543  |  |
| 253                                                                                              | 328 | 402  | 473  | 546  |  |
| 256                                                                                              | 331 | 405  | 476  | 549  |  |
| 259                                                                                              | 334 | 408  | 479  | 552  |  |
| 262                                                                                              | 337 | 411  | 482  | 555  |  |
| 265                                                                                              | 340 | 414  | 485  | 558  |  |
| 268                                                                                              | 343 | 417  | 488  | 561  |  |
| 271                                                                                              | 346 | 420  | 491  | 564  |  |
| 274                                                                                              | 349 | 423  | 494  | 567  |  |
| 277                                                                                              | 352 | 426  | 497  | 570  |  |
| 280                                                                                              | 355 | 429  | 500  | 573  |  |
| 283                                                                                              | 358 | 432  | 503  | 576  |  |
| 286                                                                                              | 361 | 435  | 506  | 579  |  |
| 289                                                                                              | 364 | 438  | 509  | 582  |  |
| 292                                                                                              | 367 | 441  | 512  | 585  |  |
| 295                                                                                              | 370 | 444  | 515  | 588  |  |
| 298                                                                                              | 373 | 447  | 518  | 591  |  |
| 301                                                                                              | 376 | 450  | 521  | 594  |  |
| 304                                                                                              | 379 | 453  | 524  | 597  |  |
| 307                                                                                              | 382 | 456  | 527  | 600  |  |
| 310                                                                                              | 385 | 459  | 530  | 603  |  |
| 313                                                                                              | 388 | 462  | 533  | 606  |  |
| 316                                                                                              | 391 | 465  | 536  | 609  |  |
| 319                                                                                              | 394 | 468  | 539  | 612  |  |
| 322                                                                                              | 397 | 471  | 542  | 615  |  |
| 325                                                                                              | 400 | 474  | 545  | 618  |  |
| 328                                                                                              | 403 | 477  | 548  | 621  |  |
| 331                                                                                              | 406 | 480  | 551  | 624  |  |
| 334                                                                                              | 409 | 483  | 554  | 627  |  |
| 337                                                                                              | 412 | 486  | 557  | 630  |  |
| 340                                                                                              | 415 | 489  | 560  | 633  |  |
| 343                                                                                              | 418 | 492  | 563  | 636  |  |
| 346                                                                                              | 421 | 495  | 566  | 639  |  |
| 349                                                                                              | 424 | 498  | 569  | 642  |  |
| 352                                                                                              | 427 | 501  | 572  | 645  |  |
| 355                                                                                              | 430 | 504  | 575  | 648  |  |
| 358                                                                                              | 433 | 507  | 578  | 651  |  |
| 361                                                                                              | 436 | 510  | 581  | 654  |  |
| 364                                                                                              | 439 | 513  | 584  | 657  |  |
| 367                                                                                              | 442 | 516  | 587  | 660  |  |
| 370                                                                                              | 445 | 519  | 590  | 663  |  |
| 373                                                                                              | 448 | 522  | 593  | 666  |  |
| 376                                                                                              | 451 | 525  | 596  | 669  |  |
| 379                                                                                              | 454 | 528  | 599  | 672  |  |
| 382                                                                                              | 457 | 531  | 602  | 675  |  |
| 385                                                                                              | 460 | 534  | 605  | 678  |  |
| 388                                                                                              | 463 | 537  | 608  | 681  |  |
| 391                                                                                              | 466 | 540  | 611  | 684  |  |
| 394                                                                                              | 469 | 543  | 614  | 687  |  |
| 397                                                                                              | 472 | 546  | 617  | 690  |  |
| 400                                                                                              | 475 | 549  | 620  | 693  |  |
| 403                                                                                              | 478 | 552  | 623  | 696  |  |
| 406                                                                                              | 481 | 555  | 626  | 699  |  |
| 409                                                                                              | 484 | 558  | 629  | 702  |  |
| 412                                                                                              | 487 | 561  | 632  | 705  |  |
| 415                                                                                              | 490 | 564  | 635  | 708  |  |
| 418                                                                                              | 493 | 567  | 638  | 711  |  |
| 421                                                                                              | 496 | 570  | 641  | 714  |  |
| 424                                                                                              | 499 | 573  | 644  | 717  |  |
| 427                                                                                              | 502 | 576  | 647  | 720  |  |
| 430                                                                                              | 505 | 579  | 650  | 723  |  |
| 433                                                                                              | 508 | 582  | 653  | 726  |  |
| 436                                                                                              | 511 | 585  | 656  | 729  |  |
| 439                                                                                              | 514 | 588  | 659  | 732  |  |
| 442                                                                                              | 517 | 591  | 662  | 735  |  |
| 445                                                                                              | 520 | 594  | 665  | 738  |  |
| 448                                                                                              | 523 | 597  | 668  | 741  |  |
| 451                                                                                              | 526 | 600  | 671  | 744  |  |
| 454                                                                                              | 529 | 603  | 674  | 747  |  |
| 457                                                                                              | 532 | 606  | 677  | 750  |  |
| 460                                                                                              | 535 | 609  | 680  | 753  |  |
| 463                                                                                              | 538 | 612  | 683  | 756  |  |
| 466                                                                                              | 541 | 615  | 686  | 759  |  |
| 469                                                                                              | 544 | 618  | 689  | 762  |  |
| 472                                                                                              | 547 | 621  | 692  | 765  |  |
| 475                                                                                              | 550 | 624  | 695  | 768  |  |
| 478                                                                                              | 553 | 627  | 698  | 771  |  |
| 481                                                                                              | 556 | 630  | 701  | 774  |  |
| 484                                                                                              | 559 | 633  | 704  | 777  |  |
| 487                                                                                              | 562 | 636  | 707  | 780  |  |
| 490                                                                                              | 565 | 639  | 710  | 783  |  |
| 493                                                                                              | 568 | 642  | 713  | 786  |  |
| 496                                                                                              | 571 | 645  | 716  | 789  |  |
| 499                                                                                              | 574 | 648  | 719  | 792  |  |
| 502                                                                                              | 577 | 651  | 722  | 795  |  |
| 505                                                                                              | 580 | 654  | 725  | 798  |  |
| 508                                                                                              | 583 | 657  | 728  | 801  |  |
| 511                                                                                              | 586 | 660  | 731  | 804  |  |
| 514                                                                                              | 589 | 663  | 734  | 807  |  |
| 517                                                                                              | 592 | 666  | 737  | 810  |  |
| 520                                                                                              | 595 | 669  | 740  | 813  |  |
| 523                                                                                              | 598 | 672  | 743  | 816  |  |
| 526                                                                                              | 601 | 675  | 746  | 819  |  |
| 529                                                                                              | 604 | 678  | 749  | 822  |  |
| 532                                                                                              | 607 | 681  | 752  | 825  |  |
| 535                                                                                              | 610 | 684  | 755  | 828  |  |
| 538                                                                                              | 613 | 687  | 758  | 831  |  |
| 541                                                                                              | 616 | 690  | 761  | 834  |  |
| 544                                                                                              | 619 | 693  | 764  | 837  |  |
| 547                                                                                              | 622 | 696  | 767  | 840  |  |
| 550                                                                                              | 625 | 699  | 770  | 843  |  |
| 553                                                                                              | 628 | 702  | 773  | 846  |  |
| 556                                                                                              | 631 | 705  | 776  | 849  |  |
| 559                                                                                              | 634 | 708  | 779  | 852  |  |
| 562                                                                                              | 637 | 711  | 782  | 855  |  |
| 565                                                                                              | 640 | 714  | 785  | 858  |  |
| 568                                                                                              | 643 | 717  | 788  | 861  |  |
| 571                                                                                              | 646 | 720  | 791  | 864  |  |
| 574                                                                                              | 649 | 723  | 794  | 867  |  |
| 577                                                                                              | 652 | 726  | 797  | 870  |  |
| 580                                                                                              | 655 | 729  | 800  | 873  |  |
| 583                                                                                              | 658 | 732  | 803  | 876  |  |
| 586                                                                                              | 661 | 735  | 806  | 879  |  |
| 589                                                                                              | 664 | 738  | 809  | 882  |  |
| 592                                                                                              | 667 | 741  | 812  | 885  |  |
| 595                                                                                              | 670 | 744  | 815  | 888  |  |
| 598                                                                                              | 673 | 747  | 818  | 891  |  |
| 601                                                                                              | 676 | 750  | 821  | 894  |  |
| 604                                                                                              | 679 | 753  | 824  | 897  |  |
| 607                                                                                              | 682 | 756  | 827  | 900  |  |
| 610                                                                                              | 685 | 759  | 830  | 903  |  |
| 613                                                                                              | 688 | 762  | 833  | 906  |  |
| 616                                                                                              | 691 | 765  | 836  | 909  |  |
| 619                                                                                              | 694 | 768  | 839  | 912  |  |
| 622                                                                                              | 697 | 771  | 842  | 915  |  |
| 625                                                                                              | 700 | 774  | 845  | 918  |  |
| 628                                                                                              | 703 | 777  | 848  | 921  |  |
| 631                                                                                              | 706 | 780  | 851  | 924  |  |
| 634                                                                                              | 709 | 783  | 854  | 927  |  |
| 637                                                                                              | 712 | 786  | 857  | 930  |  |
| 640                                                                                              | 715 | 789  | 860  | 933  |  |
| 643                                                                                              | 718 | 792  | 863  | 936  |  |
| 646                                                                                              | 721 | 795  | 866  | 939  |  |
| 649                                                                                              | 724 | 798  | 869  | 942  |  |
| 652                                                                                              | 727 | 801  | 872  | 945  |  |
| 655                                                                                              | 730 | 804  | 875  | 948  |  |
| 658                                                                                              | 733 | 807  | 878  | 951  |  |
| 661                                                                                              | 736 | 810  | 881  | 954  |  |
| 664                                                                                              | 739 | 813  | 884  | 957  |  |
| 667                                                                                              | 742 | 816  | 887  | 960  |  |
| 670                                                                                              | 745 | 819  | 890  | 963  |  |
| 673                                                                                              | 748 | 822  | 893  | 966  |  |
| 676                                                                                              | 751 | 825  | 896  | 969  |  |
| 679                                                                                              | 754 | 828  | 899  | 972  |  |
| 682                                                                                              | 757 | 831  | 902  | 975  |  |
| 685                                                                                              | 760 | 834  | 905  | 978  |  |
| 688                                                                                              | 763 | 837  | 908  | 981  |  |
| 691                                                                                              | 766 | 840  | 911  | 984  |  |
| 694                                                                                              | 769 | 843  | 914  | 987  |  |
| 697                                                                                              | 772 | 846  | 917  | 990  |  |
| 700                                                                                              | 775 | 849  | 920  | 993  |  |
| 703                                                                                              | 778 | 852  | 923  | 996  |  |
| 706                                                                                              | 781 | 855  | 926  | 999  |  |
| 709                                                                                              | 784 | 858  | 929  | 1002 |  |
| 712                                                                                              | 787 | 861  | 932  | 1005 |  |
| 715                                                                                              | 790 | 864  | 935  | 1008 |  |
| 718                                                                                              | 793 | 867  | 938  | 1011 |  |
| 721                                                                                              | 796 | 870  | 941  | 1014 |  |
| 724                                                                                              | 799 | 873  | 944  | 1017 |  |
| 727                                                                                              | 802 | 876  | 947  | 1020 |  |
| 730                                                                                              | 805 | 879  | 950  | 1023 |  |
| 733                                                                                              | 808 | 882  | 953  | 1026 |  |
| 736                                                                                              | 811 | 885  | 956  | 1029 |  |
| 739                                                                                              | 814 | 888  | 959  | 1032 |  |
| 742                                                                                              | 817 | 891  | 962  | 1035 |  |
| 745                                                                                              | 820 | 894  | 965  | 1038 |  |
| 748                                                                                              | 823 | 897  | 968  | 1041 |  |
| 751                                                                                              | 826 | 900  | 971  | 1044 |  |
| 754                                                                                              | 829 | 903  | 974  | 1047 |  |
| 757                                                                                              | 832 | 906  | 977  | 1050 |  |
| 760                                                                                              | 835 | 909  | 980  | 1053 |  |
| 763                                                                                              | 838 | 912  | 983  | 1056 |  |
| 766                                                                                              | 841 | 915  | 986  | 1059 |  |
| 769                                                                                              | 844 | 918  | 989  | 1062 |  |
| 772                                                                                              | 847 | 921  | 992  | 1065 |  |
| 775                                                                                              | 850 | 924  | 995  | 1068 |  |
| 778                                                                                              | 853 | 927  | 998  | 1071 |  |
| 781                                                                                              | 856 | 930  | 1001 | 1074 |  |
| 784                                                                                              | 859 | 933  | 1004 | 1077 |  |
| 787                                                                                              | 862 | 936  | 1007 | 1080 |  |
| 790                                                                                              | 865 | 939  | 1010 | 1083 |  |
| 793                                                                                              | 868 | 942  | 1013 | 1086 |  |
| 796                                                                                              | 871 | 945  | 1016 | 1089 |  |
| 799                                                                                              | 874 | 948  | 1019 | 1092 |  |
| 802                                                                                              | 877 | 951  | 1022 | 1095 |  |
| 805                                                                                              | 880 | 954  | 1025 | 1098 |  |
| 808                                                                                              | 883 | 957  | 1028 | 1101 |  |
| 811                                                                                              | 886 | 960  | 1031 | 1104 |  |
| 814                                                                                              | 889 | 963  | 1034 | 1107 |  |
| 817                                                                                              | 892 | 966  | 1037 | 1110 |  |
| 820                                                                                              | 895 | 969  | 1040 | 1113 |  |
| 823                                                                                              | 898 | 972  | 1043 | 1116 |  |
| 826                                                                                              | 901 | 975  | 1046 | 1119 |  |
| 829                                                                                              | 904 | 978  | 1049 | 1122 |  |
| 832                                                                                              | 907 | 981  | 1052 | 1125 |  |
| 835                                                                                              | 910 | 984  | 1055 | 1128 |  |
| 838                                                                                              | 913 | 987  | 1058 | 1131 |  |
| 841                                                                                              | 916 | 990  | 1061 | 1134 |  |
| 844                                                                                              | 919 | 993  | 1064 | 1137 |  |
| 847                                                                                              | 922 | 996  | 1067 | 1140 |  |
| 850                                                                                              | 925 | 999  | 1070 | 1143 |  |
| 853                                                                                              | 928 | 1002 | 1073 | 1146 |  |
| 856                                                                                              | 931 | 1005 | 1076 | 1149 |  |
| 859                                                                                              | 934 | 1008 | 1079 | 1152 |  |
| 862                                                                                              | 937 | 1011 | 1082 | 1155 |  |
| 865                                                                                              | 940 | 1014 | 1085 | 1158 |  |
| 868                                                                                              | 943 | 1017 | 1088 | 1161 |  |
| 871                                                                                              | 946 | 1020 | 1091 | 1164 |  |
| 874                                                                                              | 949 | 1023 | 1094 | 1167 |  |
| 877                                                                                              | 952 | 1026 | 1097 | 1170 |  |
| 880                                                                                              | 955 | 1029 | 1100 | 1173 |  |
| 883                                                                                              | 958 | 1032 | 1103 | 1176 |  |
| 886                                                                                              | 961 | 1035 | 1106 | 1179 |  |
| 889                                                                                              | 964 | 1038 | 1109 | 1182 |  |
| 892                                                                                              | 967 | 1041 | 1112 | 1185 |  |
| 895                                                                                              | 970 | 1044 | 1115 | 1188 |  |
| 898                                                                                              | 973 | 1047 | 1118 | 1191 |  |
| 901                                                                                              | 976 | 1050 | 1121 | 1194 |  |
| 904                                                                                              | 979 | 1053 | 1124 | 1197 |  |
| 907                                                                                              | 982 | 1056 | 1127 | 1200 |  |
| 910                                                                                              | 985 | 1059 | 1130 | 1203 |  |
| 913                                                                                              | 988 | 1062 | 1133 | 1206 |  |
| 916                                                                                              | 991 | 1065 | 1136 | 1209 |  |
| 91><                                                                                             |     |      |      |      |  |



| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786 |           |            |            |            |
|-------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|------------|
| STATE - MISSISSIPPI                                                                                                     |           |            |            |            |
| COUNTY(IES): HANCOCK, HARRISON                                                                                          |           |            |            |            |
| COUNTY(IES): HINDS, MADISON, RANKIN                                                                                     |           |            |            |            |
| COUNTY(IES): DE SOTO                                                                                                    |           |            |            |            |
| COUNTY(IES): JACKSON                                                                                                    |           |            |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |           |            |            |            |
| 0 BEDROOMS                                                                                                              | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
| ADAMS                                                                                                                   | 244       | 287        | 380        | 412        |
| AMITE                                                                                                                   | 210       | 250        | 312        | 350        |
| BENTON                                                                                                                  | 192       | 231        | 281        | 324        |
| CHICKASAW                                                                                                               | 237       | 281        | 352        | 394        |
| CLAYBORNE                                                                                                               | 213       | 259        | 329        | 364        |
| CLAY                                                                                                                    | 215       | 263        | 341        | 381        |
| COPIAH                                                                                                                  | 227       | 275        | 350        | 390        |
| COFFEE                                                                                                                  | 225       | 275        | 358        | 395        |
| FORREST                                                                                                                 | 228       | 277        | 367        | 405        |
| GEORGE                                                                                                                  | 214       | 251        | 327        | 366        |
| GREENADA                                                                                                                | 176       | 215        | 281        | 318        |
| HUMPHREYS                                                                                                               | 203       | 246        | 318        | 356        |
| ITAWAMBA                                                                                                                | 216       | 262        | 339        | 382        |
| JACKSON                                                                                                                 | 212       | 250        | 318        | 356        |
| JEFFERSON                                                                                                               | 175       | 215        | 281        | 318        |
| JONES                                                                                                                   | 178       | 216        | 281        | 318        |
| LAFAVETTE                                                                                                               | 279       | 323        | 404        | 452        |
| LAUDERDALE                                                                                                              | 226       | 274        | 345        | 390        |
| LEAKE                                                                                                                   | 194       | 236        | 300        | 345        |
| LEFLORE                                                                                                                 | 230       | 278        | 355        | 395        |
| LOWNDES                                                                                                                 | 250       | 310        | 380        | 420        |
| MARSHALL                                                                                                                | 196       | 239        | 312        | 352        |
| MONTGOMERY                                                                                                              | 176       | 214        | 281        | 318        |
| NEWTON                                                                                                                  | 194       | 236        | 300        | 345        |
| OKTIBBEHA                                                                                                               | 217       | 264        | 339        | 382        |
| PEARL RIVER                                                                                                             | 228       | 277        | 350        | 390        |
| PIKE                                                                                                                    | 210       | 244        | 300        | 345        |
| PRENTISS                                                                                                                | 196       | 239        | 312        | 352        |
| SCOTT                                                                                                                   | 194       | 236        | 300        | 345        |
| SIMPSON                                                                                                                 | 185       | 225        | 281        | 318        |
| STONE                                                                                                                   | 228       | 277        | 350        | 390        |
| TALLAHATCHIE                                                                                                            | 212       | 250        | 318        | 356        |
| TIPPACH                                                                                                                 | 196       | 239        | 312        | 352        |
| TUNICA                                                                                                                  | 212       | 250        | 318        | 356        |
| WALSHALL                                                                                                                | 209       | 246        | 312        | 350        |
| WASHINGTON                                                                                                              | 209       | 246        | 312        | 350        |
| WEBSTER                                                                                                                 | 227       | 284        | 358        | 398        |
| WINSTON                                                                                                                 | 227       | 284        | 358        | 398        |
| YAZOO                                                                                                                   | 257       | 312        | 387        | 435        |
| ALCORN                                                                                                                  | 209       | 254        | 329        | 373        |
| ATTALA                                                                                                                  | 176       | 214        | 281        | 318        |
| BOLIVAR                                                                                                                 | 203       | 246        | 312        | 350        |
| CARROLL                                                                                                                 | 176       | 214        | 281        | 318        |
| CHOCTAW                                                                                                                 | 227       | 275        | 341        | 381        |
| CLARKE                                                                                                                  | 228       | 276        | 341        | 381        |
| COAHOMA                                                                                                                 | 212       | 257        | 323        | 367        |
| COVINGTON                                                                                                               | 173       | 216        | 285        | 318        |
| CRENSHAW                                                                                                                | 175       | 212        | 280        | 312        |
| DEKALB                                                                                                                  | 175       | 212        | 280        | 312        |
| FRANKLIN                                                                                                                | 175       | 212        | 280        | 312        |
| GRADY                                                                                                                   | 175       | 212        | 280        | 312        |
| HARRIS                                                                                                                  | 175       | 212        | 280        | 312        |
| ISADORA                                                                                                                 | 203       | 246        | 312        | 350        |
| JACKSON DA                                                                                                              | 203       | 246        | 312        | 350        |
| JEFFERSON                                                                                                               | 203       | 246        | 312        | 350        |
| KEMPER                                                                                                                  | 203       | 246        | 312        | 350        |
| LAWRENCE                                                                                                                | 203       | 246        | 312        | 350        |
| LEE                                                                                                                     | 203       | 246        | 312        | 350        |
| LINCOLN                                                                                                                 | 203       | 246        | 312        | 350        |
| MARION                                                                                                                  | 203       | 246        | 312        | 350        |
| MONROE                                                                                                                  | 203       | 246        | 312        | 350        |
| NESHOBIA                                                                                                                | 203       | 246        | 312        | 350        |
| NOXUBEE                                                                                                                 | 203       | 246        | 312        | 350        |
| PANOLA                                                                                                                  | 203       | 246        | 312        | 350        |
| PERRY                                                                                                                   | 203       | 246        | 312        | 350        |
| PONTOTOC                                                                                                                | 203       | 246        | 312        | 350        |
| QUITMAN                                                                                                                 | 203       | 246        | 312        | 350        |
| SHARKEY                                                                                                                 | 203       | 246        | 312        | 350        |
| SMITH                                                                                                                   | 203       | 246        | 312        | 350        |
| SUNFLOWER                                                                                                               | 203       | 246        | 312        | 350        |
| TATE                                                                                                                    | 203       | 246        | 312        | 350        |
| TISHOMINGO                                                                                                              | 203       | 246        | 312        | 350        |
| UNION                                                                                                                   | 203       | 246        | 312        | 350        |
| WARREN                                                                                                                  | 203       | 246        | 312        | 350        |
| WAYNE                                                                                                                   | 203       | 246        | 312        | 350        |
| WILKINSON                                                                                                               | 203       | 246        | 312        | 350        |
| YALOBUSHA                                                                                                               | 203       | 246        | 312        | 350        |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786  
FINAL FMRS  
STATE MISSOURI  
0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4

SCHEDULE B  
FINAL FMR  
STAT E MI

SCHEDULE B - FAIR  
FINAL FMRS  
STATE MISSOURI

| COUNTY                          | 0   | 1   | 2   | 3   | 4   | 5 | 6 | 7 | 8 | 9 |
|---------------------------------|-----|-----|-----|-----|-----|---|---|---|---|---|
| COLUMBIA, MO. WSA               | 275 | 334 | 394 | 492 | 552 |   |   |   |   |   |
| DOPLIN, MO. WSA                 | 212 | 259 | 304 | 380 | 426 |   |   |   |   |   |
| KANSAS CITY, MO. WSA            | 286 | 37  | 408 | 510 | 571 |   |   |   |   |   |
| ST JOSEPH, MO. WSA              | 226 | 274 | 323 | 403 | 452 |   |   |   |   |   |
| ST. LOUIS, MO. WSA              | 292 | 36  | 419 | 526 | 589 |   |   |   |   |   |
| SPRINGFIELD, MO. WSA            | 236 | 28  | 338 | 423 | 473 |   |   |   |   |   |
| CHRISTIAN, MO. WSA              |     |     |     |     |     |   |   |   |   |   |
| JEFFERSON, ST. LOUIS, ST. LOUIS |     |     |     |     |     |   |   |   |   |   |
| CHARLES, ST. LOUIS, ST. LOUIS   |     |     |     |     |     |   |   |   |   |   |
| GREENE, MO. WSA                 |     |     |     |     |     |   |   |   |   |   |
| NONMETROPOLITAN COUNTIES        |     |     |     |     |     |   |   |   |   |   |
| ADAIR, MO. WSA                  | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| BARRETT, MO. WSA                | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| BARTON, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| BENTON, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| BUTLER, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| CAIR, MO. WSA                   | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| CLARK, MO. WSA                  | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| CLAY, MO. WSA                   | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| CLINTON, MO. WSA                | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| COOPER, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| DAVIS, MO. WSA                  | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| DUNKLIN, MO. WSA                | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| GENTRY, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| HARRISON, MO. WSA               | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| HICKORY, MO. WSA                | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| HOWARD, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| IRON, MO. WSA                   | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| KNOX, MO. WSA                   | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| LAMAR, MO. WSA                  | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| LINCOLN, MO. WSA                | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| LIVINGSTON, MO. WSA             | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| MACON, MO. WSA                  | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| MARION, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| MERCER, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| MISSOURI, MO. WSA               | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| MORGAN, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| MURPHY, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| OSAGE, MO. WSA                  | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| PEPPER, MO. WSA                 | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| PIKE, MO. WSA                   | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| PULASKI, MO. WSA                | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| RALLI, MO. WSA                  | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| REYNOLDS, MO. WSA               | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| ST. CLAIR, MO. WSA              | 261 | 268 | 275 | 282 | 289 |   |   |   |   |   |
| ST. LOUIS, MO. WSA              |     |     |     |     |     |   |   |   |   |   |

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[illegible]

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| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786 |     |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| FINAL FMRS                                                                                                              |     |     |     |     |
| S T A T E : NEW HAMPSHIRE                                                                                               |     |     |     |     |
| LAWRENCE-HAVERHILL, MA-NH PMSA                                                                                          | 369 | 448 | 527 | 658 |
| COUNTY: ROCKINGHAM TOWNS OF ATKINSON, BRENTWOOD, DANVILLE, DERRY, EAST KINGSTON, HAMPSHIRE, NEWTON, PLAISTOW            | 390 | 474 | 553 | 669 |
| SALEM, SANDOWN, SEABROOK, WINDHAM                                                                                       |     |     |     |     |
| LOWELL, MA-NH PMSA                                                                                                      | 365 | 443 | 521 | 651 |
| COUNTY: HILLSBOROUGH TOWNS OF PELHAM                                                                                    |     |     |     |     |
| MANCHESTER, NH PMSA                                                                                                     |     |     |     |     |
| COUNTY: HILLSBOROUGH TOWNS OF BEDFORD, GOFFSTOWN, MANCHESTER                                                            |     |     |     |     |
| COUNTY: MERRIMACK TOWNS OF ALLENSTOWN, HOOKSETT                                                                         |     |     |     |     |
| COUNTY: ROCKINGHAM TOWNS OF AUBURN, CAMDIA                                                                              |     |     |     |     |
| NASHUA, NH PMSA                                                                                                         | 408 | 495 | 582 | 728 |
| COUNTY: HILLSBOROUGH TOWNS OF AMHERST, BROOKLINE, HOLLIS, HUDSON, LITCHFIELD, MERRIMACK, MILFORD, MONT VERNON, NASHUA   |     |     |     |     |
| WILTON                                                                                                                  |     |     |     |     |
| COUNTY: ROCKINGHAM TOWNS OF LONDONDERRY                                                                                 |     |     |     |     |
| PORTSMOUTH-DOVER-ROCHESTER, NH-ME MSA                                                                                   | 378 | 460 | 541 | 675 |
| COUNTY: ROCKINGHAM TOWNS OF EVERET, GREENLAND, HAMPTON, NEW CASTLE, NEWFIELDS, NEWINGTON, NEWMARKET, NORTH HAMPTON      |     |     |     |     |
| COUNTY: STRAFFORD TOWNS OF BARRINGTON, DOVER, DURHAM, FARMINGTON, LEE, MADBURY, MILTON, ROCHESTER, ROLLINSFORD          |     |     |     |     |
| SOMERSWORTH                                                                                                             |     |     |     |     |
| NONMETROPOLITAN COUNTIES OR PARTS OF COUNTIES                                                                           |     |     |     |     |
| BELKNAP COUNTY                                                                                                          | 317 | 382 | 445 | 551 |
| CARROLL COUNTY                                                                                                          | 313 | 380 | 447 | 559 |
| CHESHIRE COUNTY                                                                                                         | 328 | 399 | 469 | 586 |
| COOS COUNTY                                                                                                             | 292 | 354 | 417 | 521 |
| GRAFTON COUNTY                                                                                                          | 326 | 396 | 466 | 582 |
| HILLSBOROUGH COUNTY                                                                                                     | 358 | 434 | 511 | 638 |
| COUNTY TOWNS OF ANTRIM, BENNINGTON, DEERING, FRANCES TOWN                                                               |     |     |     |     |
| GREENFIELD, GREENVILLE, HANCOCK, HILLSBOROUGH, LYNDENBOROUGH, MASON, NEW BOSTON, NEW IPSWICH, PETERBOROUGH, SHARON      |     |     |     |     |
| TEMPLE WEAVER, WINDSOR                                                                                                  |     |     |     |     |
| MERRIMACK COUNTY TOWNS OF ANDOVER, BOSCAWEN, BOW, BRADFORD, CANTERBURY                                                  | 343 | 417 | 491 | 613 |
| CHICHESTER, CONCORD, DANBURY, DUNBAR, EPSOM, FRANKLIN, HENNIKER, HILL, HOPKINTON, LOUDON, NEWBURY, NEW LONDON           |     |     |     |     |
| NORTHFIELD, PEMBROKE, PITTSFIELD, SALISBURY, SUTTON, WARNER, WEBSTER, WILMOT                                            | 358 | 435 | 512 | 639 |
| ROCKINGHAM COUNTY TOWNS OF CHESTER, DEERFIELD, EPPING, FREMONT                                                          |     |     |     |     |
| STRAFFORD COUNTY HAMPTON FALL, KENSINGTON, NORTHWOOD, NOTTINGHAM, RAYMOND, SOUTH HAMPTON                                | 309 | 375 | 440 | 551 |
| SULLIVAN COUNTY TOWNS OF MIDDLETON, NEW DURHAM, STRAFFORD                                                               | 317 | 382 | 446 | 556 |
| S T A T E : NEW JERSEY                                                                                                  |     |     |     |     |
| ALLENTOWN-BETHLEHEM, PA-NJ MSA                                                                                          | 290 | 362 | 411 | 518 |
| COUNTY(IES): WARREN                                                                                                     |     |     |     |     |
| ATLANTIC CITY, NJ MSA                                                                                                   | 346 | 421 | 494 | 618 |
| COUNTY(IES): ATLANTIC, CAPE MAY                                                                                         |     |     |     |     |
| BERGEN-PASSAIC, NJ PMSA                                                                                                 | 476 | 578 | 685 | 856 |
| COUNTY(IES): BERGEN, PASSAIC                                                                                            |     |     |     |     |
| JERSEY CITY, NJ PMSA                                                                                                    | 330 | 400 | 471 | 588 |
| COUNTY(IES): HUDSON                                                                                                     |     |     |     |     |
| MIDDLESEX-SOMERSET-HUNTERDON, NJ PMSA                                                                                   | 442 | 537 | 631 | 790 |
| COUNTY(IES): HUNTERDON, MIDDLESEX, SOMERSET                                                                             |     |     |     |     |
| MONMOUTH-OCEAN, NJ PMSA                                                                                                 | 397 | 481 | 567 | 709 |
| COUNTY(IES): MONMOUTH, OCEAN                                                                                            |     |     |     |     |
| NEWARK, NJ PMSA                                                                                                         | 371 | 450 | 530 | 662 |
| COUNTY(IES): ESSEX, MORRIS, SUSSEX, UNION                                                                               |     |     |     |     |
| PHILADELPHIA, PA-NJ PMSA                                                                                                | 334 | 404 | 474 | 592 |
| COUNTY(IES): BURLINGTON, CAMDEN, GLOUCESTER                                                                             |     |     |     |     |
| TRENTON, NJ PMSA                                                                                                        | 419 | 508 | 598 | 748 |
| COUNTY(IES): MERCER                                                                                                     |     |     |     |     |
| VINELAND-MILLVILLE-BRIDGETON, NJ PMSA                                                                                   | 336 | 408 | 480 | 600 |
| COUNTY(IES): CUMBERLAND                                                                                                 |     |     |     |     |
| WILMINGTON, DE-NJ-MD PMSA                                                                                               | 355 | 425 | 506 | 630 |
| COUNTY(IES): SALEM                                                                                                      |     |     |     |     |

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FINAL FIVE  
STATE: NEW MEXICO

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|-------------------------------------------------------------------------------------------------------------------------|------------|-----------|------------|------------|
| S. T. A. E. M. R. S. NORTH CAROLINA                                                                                     |            |           |            |            |
|                                                                                                                         | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS |
| ASHEVILLE, NC MSA                                                                                                       | 248        | 302       | 355        | 443        |
| BURLINGTON, NC MSA                                                                                                      | 246        | 299       | 351        | 439        |
| CHARLOTTE-GASTONIA-ROCK HILL, NC-SC MSA                                                                                 | 276        | 333       | 390        | 487        |
| FAYETTEVILLE, NC MSA                                                                                                    | 237        | 287       | 339        | 424        |
| GREENSBORO--WINSTON-SALEM--HIGH POINT, NC MSA                                                                           | 259        | 315       | 370        | 463        |
| HICKORY, NC MSA                                                                                                         | 227        | 275       | 324        | 405        |
| JACKSONVILLE, NC MSA                                                                                                    | 235        | 286       | 337        | 421        |
| RALEIGH-DURHAM--CARY, NC MSA                                                                                            | 297        | 361       | 425        | 531        |
| WILMINGTON, NC MSA                                                                                                      | 248        | 302       | 355        | 443        |
| COUNTY(IES): NEW HANOVER                                                                                                |            |           |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |            |           |            |            |
|                                                                                                                         | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS |
| ALLEGHANY                                                                                                               | 224        | 270       | 316        | 395        |
| ASHE                                                                                                                    | 224        | 270       | 316        | 395        |
| BEAUFORT                                                                                                                | 248        | 302       | 355        | 443        |
| BLADEN                                                                                                                  | 224        | 270       | 316        | 395        |
| CALDWELL                                                                                                                | 224        | 270       | 316        | 395        |
| CARTERET                                                                                                                | 223        | 269       | 315        | 394        |
| CHATHAM                                                                                                                 | 223        | 269       | 315        | 394        |
| CHOWAN                                                                                                                  | 224        | 270       | 316        | 395        |
| CLEVELAND                                                                                                               | 224        | 270       | 316        | 395        |
| GRAVEN                                                                                                                  | 223        | 269       | 315        | 394        |
| DARE                                                                                                                    | 224        | 270       | 316        | 395        |
| EDGECOMBE                                                                                                               | 223        | 269       | 315        | 394        |
| GRAHAM                                                                                                                  | 217        | 263       | 309        | 388        |
| GREENE                                                                                                                  | 217        | 263       | 309        | 388        |
| HARNETT                                                                                                                 | 217        | 263       | 309        | 388        |
| HENDERSON                                                                                                               | 244        | 298       | 352        | 440        |
| Hoke                                                                                                                    | 210        | 256       | 302        | 381        |
| IREDELL                                                                                                                 | 225        | 271       | 317        | 396        |
| JOHNSTON                                                                                                                | 225        | 271       | 317        | 396        |
| LEE                                                                                                                     | 224        | 270       | 316        | 395        |
| MCDOWELL                                                                                                                | 224        | 270       | 316        | 395        |
| MADEIRA                                                                                                                 | 224        | 270       | 316        | 395        |
| MOORE                                                                                                                   | 224        | 270       | 316        | 395        |
| NORTHAMPTON                                                                                                             | 226        | 271       | 317        | 396        |
| PASQUOTANK                                                                                                              | 223        | 269       | 315        | 394        |
| PERQUIMANS                                                                                                              | 240        | 294       | 348        | 436        |
| PITT                                                                                                                    | 240        | 294       | 348        | 436        |
| RICHMOND                                                                                                                | 226        | 271       | 317        | 396        |
| ROCKINGHAM                                                                                                              | 225        | 270       | 316        | 395        |
| SAMPSON                                                                                                                 | 217        | 263       | 309        | 388        |
| STANLY                                                                                                                  | 222        | 268       | 314        | 393        |
| SWAIN                                                                                                                   | 194        | 236       | 278        | 348        |
| TYRRELL                                                                                                                 | 220        | 264       | 310        | 384        |
| WARREN                                                                                                                  | 215        | 259       | 303        | 380        |
| WATAUGA                                                                                                                 | 224        | 270       | 316        | 395        |
| WILKES                                                                                                                  | 224        | 270       | 316        | 395        |
| YANCEY                                                                                                                  | 224        | 270       | 316        | 395        |
| COUNTY(IES): BUNCOMBE                                                                                                   |            |           |            |            |
| COUNTY(IES): ALAMANCE                                                                                                   |            |           |            |            |
| COUNTY(IES): GASTON                                                                                                     |            |           |            |            |
| COUNTY(IES): LINCOLN                                                                                                    |            |           |            |            |
| COUNTY(IES): MECKLENBURG                                                                                                |            |           |            |            |
| COUNTY(IES): ROWAN                                                                                                      |            |           |            |            |
| COUNTY(IES): RANDOLPH                                                                                                   |            |           |            |            |
| COUNTY(IES): STOKES                                                                                                     |            |           |            |            |
| COUNTY(IES): YADKIN                                                                                                     |            |           |            |            |
| COUNTY(IES): FORSYTH                                                                                                    |            |           |            |            |
| COUNTY(IES): GUILFORD                                                                                                   |            |           |            |            |
| COUNTY(IES): DAVIDSON                                                                                                   |            |           |            |            |
| COUNTY(IES): BURKE                                                                                                      |            |           |            |            |
| COUNTY(IES): CATAWBA                                                                                                    |            |           |            |            |
| COUNTY(IES): ONSLOW                                                                                                     |            |           |            |            |
| COUNTY(IES): FRANKLIN                                                                                                   |            |           |            |            |
| COUNTY(IES): ORANGE                                                                                                     |            |           |            |            |
| COUNTY(IES): WAKE                                                                                                       |            |           |            |            |
| COUNTY(IES): ANSON                                                                                                      |            |           |            |            |
| COUNTY(IES): AVERY                                                                                                      |            |           |            |            |
| COUNTY(IES): BRUNSWICK                                                                                                  |            |           |            |            |
| COUNTY(IES): CAMDEN                                                                                                     |            |           |            |            |
| COUNTY(IES): CASWELL                                                                                                    |            |           |            |            |
| COUNTY(IES): CHEROKEE                                                                                                   |            |           |            |            |
| COUNTY(IES): CLAY                                                                                                       |            |           |            |            |
| COUNTY(IES): COLUMBUS                                                                                                   |            |           |            |            |
| COUNTY(IES): CURRITUCK                                                                                                  |            |           |            |            |
| COUNTY(IES): DAVENPORT                                                                                                  |            |           |            |            |
| COUNTY(IES): GRANVILLE                                                                                                  |            |           |            |            |
| COUNTY(IES): HALIFAX                                                                                                    |            |           |            |            |
| COUNTY(IES): HAYWOOD                                                                                                    |            |           |            |            |
| COUNTY(IES): HERTFORD                                                                                                   |            |           |            |            |
| COUNTY(IES): HYDE                                                                                                       |            |           |            |            |
| COUNTY(IES): JACKSON                                                                                                    |            |           |            |            |
| COUNTY(IES): JONES                                                                                                      |            |           |            |            |
| COUNTY(IES): LENOIR                                                                                                     |            |           |            |            |
| COUNTY(IES): MACON                                                                                                      |            |           |            |            |
| COUNTY(IES): MARTIN                                                                                                     |            |           |            |            |
| COUNTY(IES): MONTGOMERY                                                                                                 |            |           |            |            |
| COUNTY(IES): NASH                                                                                                       |            |           |            |            |
| COUNTY(IES): PAMLICO                                                                                                    |            |           |            |            |
| COUNTY(IES): PENDER                                                                                                     |            |           |            |            |
| COUNTY(IES): PERSON                                                                                                     |            |           |            |            |
| COUNTY(IES): POLK                                                                                                       |            |           |            |            |
| COUNTY(IES): ROBESON                                                                                                    |            |           |            |            |
| COUNTY(IES): RUTHERFORD                                                                                                 |            |           |            |            |
| COUNTY(IES): SCOTLAND                                                                                                   |            |           |            |            |
| COUNTY(IES): SURRY                                                                                                      |            |           |            |            |
| COUNTY(IES): TRANSYLVANIA                                                                                               |            |           |            |            |
| COUNTY(IES): VANCE                                                                                                      |            |           |            |            |
| COUNTY(IES): WASHINGTON                                                                                                 |            |           |            |            |
| COUNTY(IES): WILSON                                                                                                     |            |           |            |            |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMRS FOR EACH ADDITIONAL BEDROOM TO ILLUSTRATE, THE FMRS FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMRS, AND THE CALCULATION OF THE FMRS FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMRS, ETC.



## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100785

| S T A Y E: NORTH DAKOTA       |          |     |         |     |          |
|-------------------------------|----------|-----|---------|-----|----------|
| BISMARCK, ND MSA              |          |     |         |     |          |
| COUNTY(IES): BURLEIGH, MORTON |          |     |         |     |          |
| FARGO-MOORHEAD, ND-MN MSA     |          |     |         |     |          |
| COUNTY(IES): CASS             |          |     |         |     |          |
| GRAND FORKS, ND MSA           |          |     |         |     |          |
| COUNTY(IES): GRAND FORKS      |          |     |         |     |          |
| NONMETROPOLITAN COUNTIES      |          |     |         |     |          |
| 0                             | BEDROOMS | 1   | BEDROOM | 2   | BEDROOMS |
| ADAMS                         | 238      | 297 | 341     | 341 | 477      |
| BELTON                        | 238      | 297 | 341     | 341 | 477      |
| BURNS                         | 238      | 297 | 341     | 341 | 477      |
| BURKE                         | 238      | 297 | 341     | 341 | 477      |
| DICKINSON                     | 238      | 297 | 341     | 341 | 477      |
| DUNN                          | 238      | 297 | 341     | 341 | 477      |
| EMMONS                        | 238      | 297 | 341     | 341 | 477      |
| GOLDEN VALLEY                 | 238      | 297 | 341     | 341 | 477      |
| GRIGGS                        | 238      | 297 | 341     | 341 | 477      |
| KIDDER                        | 238      | 297 | 341     | 341 | 477      |
| LOGAN                         | 238      | 297 | 341     | 341 | 477      |
| MCINTOSH                      | 238      | 297 | 341     | 341 | 477      |
| MCCLELLAN                     | 238      | 297 | 341     | 341 | 477      |
| MOUNTAIN                      | 238      | 297 | 341     | 341 | 477      |
| MOUNTAIN                      | 238      | 297 | 341     | 341 | 477      |
| OLIVER                        | 238      | 297 | 341     | 341 | 477      |
| PIERCE                        | 238      | 297 | 341     | 341 | 477      |
| RANSOM                        | 238      | 297 | 341     | 341 | 477      |
| RICHLAND                      | 238      | 297 | 341     | 341 | 477      |
| SARGENT                       | 238      | 297 | 341     | 341 | 477      |
| SILOUX                        | 238      | 297 | 341     | 341 | 477      |
| STARK                         | 238      | 297 | 341     | 341 | 477      |
| STUTSMAN                      | 238      | 297 | 341     | 341 | 477      |
| TRAIL                         | 238      | 297 | 341     | 341 | 477      |
| WARD                          | 238      | 297 | 341     | 341 | 477      |
| WILLIAMS                      | 238      | 297 | 341     | 341 | 477      |
| BARNES                        |          |     |         |     |          |
| BILLINGS                      |          |     |         |     |          |
| BOWMAN                        |          |     |         |     |          |
| CAVALIER                      |          |     |         |     |          |
| DIVIDE                        |          |     |         |     |          |
| EDDY                          |          |     |         |     |          |
| FOSTER                        |          |     |         |     |          |
| GRANT                         |          |     |         |     |          |
| HETTINGER                     |          |     |         |     |          |
| LA MOORE                      |          |     |         |     |          |
| MCKENRY                       |          |     |         |     |          |
| MCKENZIE                      |          |     |         |     |          |
| MERCER                        |          |     |         |     |          |
| NELSON                        |          |     |         |     |          |
| PEMBINA                       |          |     |         |     |          |
| RAMSEY                        |          |     |         |     |          |
| RENVILLE                      |          |     |         |     |          |
| ROLETTE                       |          |     |         |     |          |
| SHERIDAN                      |          |     |         |     |          |
| SLOPE                         |          |     |         |     |          |
| STEELE                        |          |     |         |     |          |
| TOWNER                        |          |     |         |     |          |
| WALSH                         |          |     |         |     |          |
| WELLS                         |          |     |         |     |          |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMRS FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMRS FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMRS, AND THE CALCULATION OF THE FMRS FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMRS, ETC.



SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786  
STATES  
OHIO

|                                    | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|------------------------------------|------------|-----------|------------|------------|------------|
| AKRON, OH PMSA                     | 279        | 339       | 399        | 499        | 558        |
| CANTON, OH MSA                     | 244        | 297       | 348        | 436        | 489        |
| CINCINNATI, OH-KY-IN PMSA          | 264        | 310       | 366        | 458        | 509        |
| CLEVELAND, OH PMSA                 | 291        | 354       | 415        | 519        | 582        |
| COLUMBUS, OH MSA                   | 278        | 335       | 397        | 495        | 557        |
| DAYTON-Springfield, OH MSA         | 268        | 314       | 366        | 459        | 510        |
| HAMILTON-Middletown, OH PMSA       | 285        | 347       | 408        | 510        | 571        |
| HUNTINGTON-Ashtabula, WV-KY-OH MSA | 274        | 333       | 392        | 490        | 550        |
| LIMA, OH MSA                       | 259        | 314       | 370        | 463        | 519        |
| LORAIN-Elvira, OH PMSA             | 274        | 334       | 393        | 491        | 550        |
| MANSFIELD, OH MSA                  | 234        | 286       | 335        | 419        | 469        |
| PARKERSBURG, WV-KY-OH MSA          | 255        | 309       | 364        | 456        | 510        |
| STEUBENVILLE-Weirton, OH PMSA      | 262        | 318       | 373        | 467        | 524        |
| TOLEDO, OH MSA                     | 297        | 351       | 425        | 531        | 595        |
| WHEELING, WV-OH MSA                | 258        | 313       | 369        | 462        | 517        |
| YOUNGSTOWN-Warren, OH MSA          | 259        | 314       | 370        | 463        | 519        |
| YOUNGSTOWN-Warren, OH MSA          | 259        | 314       | 370        | 463        | 519        |
| NONMETROPOLITAN COUNTIES           | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
| ADAMS                              | 227        | 277       | 327        | 407        | 457        |
| ASHTABULA                          | 232        | 282       | 332        | 412        | 462        |
| BROWN                              | 233        | 283       | 333        | 413        | 463        |
| CLINTON                            | 236        | 286       | 336        | 416        | 466        |
| COSHOCTON                          | 236        | 286       | 336        | 416        | 466        |
| DARKE                              | 236        | 286       | 336        | 416        | 466        |
| ERIE                               | 236        | 286       | 336        | 416        | 466        |
| GALLIA                             | 236        | 286       | 336        | 416        | 466        |
| HANDOCK                            | 236        | 286       | 336        | 416        | 466        |
| HARRISON                           | 236        | 286       | 336        | 416        | 466        |
| HIGHLAND                           | 236        | 286       | 336        | 416        | 466        |
| HOLMES                             | 236        | 286       | 336        | 416        | 466        |
| JACKSON                            | 236        | 286       | 336        | 416        | 466        |
| LOGAN                              | 236        | 286       | 336        | 416        | 466        |
| MEigs                              | 236        | 286       | 336        | 416        | 466        |
| MONROE                             | 236        | 286       | 336        | 416        | 466        |
| MORROW                             | 236        | 286       | 336        | 416        | 466        |
| NOBLE                              | 236        | 286       | 336        | 416        | 466        |
| PAULDING                           | 236        | 286       | 336        | 416        | 466        |
| PINE                               | 236        | 286       | 336        | 416        | 466        |
| PUNAM                              | 236        | 286       | 336        | 416        | 466        |
| SANDUSKY                           | 236        | 286       | 336        | 416        | 466        |
| SENECA                             | 236        | 286       | 336        | 416        | 466        |
| TUSCARAWAS                         | 236        | 286       | 336        | 416        | 466        |
| VINTON                             | 236        | 286       | 336        | 416        | 466        |
| WILLIAMS                           | 236        | 286       | 336        | 416        | 466        |
| ASHLAND                            | 256        | 311       | 366        | 458        | 512        |
| ATHENS                             | 256        | 311       | 366        | 458        | 512        |
| CHAMBERLAIN                        | 256        | 311       | 366        | 458        | 512        |
| COLUMBIANA                         | 256        | 311       | 366        | 458        | 512        |
| COLUMBIA                           | 256        | 311       | 366        | 458        | 512        |
| DELAWARE                           | 256        | 311       | 366        | 458        | 512        |
| ELIOT                              | 256        | 311       | 366        | 458        | 512        |
| GLADWIN                            | 256        | 311       | 366        | 458        | 512        |
| HARRIS                             | 256        | 311       | 366        | 458        | 512        |
| HENRY                              | 256        | 311       | 366        | 458        | 512        |
| HOCKESSY                           | 256        | 311       | 366        | 458        | 512        |
| HURON                              | 256        | 311       | 366        | 458        | 512        |
| KNOX                               | 256        | 311       | 366        | 458        | 512        |
| MARION                             | 256        | 311       | 366        | 458        | 512        |
| MERCER                             | 256        | 311       | 366        | 458        | 512        |
| MORGAN                             | 256        | 311       | 366        | 458        | 512        |
| MUSKINGUM                          | 256        | 311       | 366        | 458        | 512        |
| OTTAWA                             | 256        | 311       | 366        | 458        | 512        |
| PERRY                              | 256        | 311       | 366        | 458        | 512        |
| PERRE                              | 256        | 311       | 366        | 458        | 512        |
| ROSS                               | 256        | 311       | 366        | 458        | 512        |
| SHELBY                             | 256        | 311       | 366        | 458        | 512        |
| SHAWNEE                            | 256        | 311       | 366        | 458        | 512        |
| WAYNE                              | 256        | 311       | 366        | 458        | 512        |
| WYANDOT                            | 256        | 311       | 366        | 458        | 512        |

NOTE: THE FMRs FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

S. T. A. T. E. OKLAHOMA

| 0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4 BEDROOMS       |     |     |     |     |
|-------------------------------------------------------------|-----|-----|-----|-----|
| ENID, OK COUNTY(IES): GARFIELD                              | 284 | 345 | 406 | 508 |
| ENID, OK COUNTY(IES): GARFIELD                              | 284 | 345 | 406 | 508 |
| FORT SMITH, OK COUNTY(IES): GARFIELD                        | 237 | 288 | 339 | 424 |
| LAWTON, OK COUNTY(IES): SEQUOYAH                            | 244 | 296 | 350 | 437 |
| LAWTON, OK COUNTY(IES): SEQUOYAH                            | 244 | 296 | 350 | 437 |
| OKLAHOMA CITY, OK COUNTY(IES): COMANCHE                     | 308 | 370 | 435 | 533 |
| OKLAHOMA CITY, OK COUNTY(IES): COMANCHE                     | 308 | 370 | 435 | 533 |
| TULSA, OK COUNTY(IES): CREEK, OSAGE, ROGERS, TULSA, WAGONER | 309 | 375 | 442 | 551 |
| TULSA, OK COUNTY(IES): CREEK, OSAGE, ROGERS, TULSA, WAGONER | 309 | 375 | 442 | 551 |

NONMETROPOLITAN COUNTIES

| 0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4 BEDROOMS |     |     |     |     |
|-------------------------------------------------------|-----|-----|-----|-----|
| ADAIR                                                 | 191 | 233 | 273 | 378 |
| ADAIR                                                 | 191 | 233 | 273 | 378 |
| ATOKA                                                 | 167 | 204 | 240 | 335 |
| ATOKA                                                 | 167 | 204 | 240 | 335 |
| BECKHAM                                               | 211 | 256 | 301 | 422 |
| BECKHAM                                               | 211 | 256 | 301 | 422 |
| BRYAN                                                 | 201 | 244 | 287 | 402 |
| BRYAN                                                 | 201 | 244 | 287 | 402 |
| CARTER                                                | 201 | 244 | 287 | 402 |
| CARTER                                                | 201 | 244 | 287 | 402 |
| CHOCTAW                                               | 167 | 204 | 240 | 335 |
| CHOCTAW                                               | 167 | 204 | 240 | 335 |
| COAL                                                  | 167 | 204 | 240 | 335 |
| COAL                                                  | 167 | 204 | 240 | 335 |
| CRAIG                                                 | 242 | 294 | 348 | 485 |
| CRAIG                                                 | 242 | 294 | 348 | 485 |
| DELAWARE                                              | 189 | 230 | 270 | 378 |
| DELAWARE                                              | 189 | 230 | 270 | 378 |
| ELLIS                                                 | 216 | 263 | 310 | 434 |
| ELLIS                                                 | 216 | 263 | 310 | 434 |
| GRADY                                                 | 200 | 243 | 286 | 400 |
| GRADY                                                 | 200 | 243 | 286 | 400 |
| HARPER                                                | 216 | 263 | 310 | 434 |
| HARPER                                                | 216 | 263 | 310 | 434 |
| HUGHES                                                | 194 | 236 | 278 | 388 |
| HUGHES                                                | 194 | 236 | 278 | 388 |
| JEFFERSON                                             | 200 | 243 | 286 | 400 |
| JEFFERSON                                             | 200 | 243 | 286 | 400 |
| KAY                                                   | 250 | 303 | 357 | 500 |
| KAY                                                   | 250 | 303 | 357 | 500 |
| KEOWA                                                 | 267 | 320 | 373 | 522 |
| KEOWA                                                 | 267 | 320 | 373 | 522 |
| LEFLORE                                               | 267 | 320 | 373 | 522 |
| LEFLORE                                               | 267 | 320 | 373 | 522 |
| MOUNTAIN                                              | 194 | 236 | 278 | 388 |
| MOUNTAIN                                              | 194 | 236 | 278 | 388 |
| MURRAY                                                | 201 | 244 | 287 | 402 |
| MURRAY                                                | 201 | 244 | 287 | 402 |
| NORFOLK                                               | 250 | 303 | 357 | 500 |
| NORFOLK                                               | 250 | 303 | 357 | 500 |
| OKFUSKEE                                              | 194 | 236 | 278 | 388 |
| OKFUSKEE                                              | 194 | 236 | 278 | 388 |
| OTTAWA                                                | 242 | 294 | 348 | 485 |
| OTTAWA                                                | 242 | 294 | 348 | 485 |
| PAYNE                                                 | 239 | 290 | 341 | 478 |
| PAYNE                                                 | 239 | 290 | 341 | 478 |
| PONTOTOC                                              | 201 | 244 | 287 | 402 |
| PONTOTOC                                              | 201 | 244 | 287 | 402 |
| ROGER MILLS                                           | 211 | 256 | 301 | 422 |
| ROGER MILLS                                           | 211 | 256 | 301 | 422 |
| STEPHENS                                              | 200 | 243 | 286 | 400 |
| STEPHENS                                              | 200 | 243 | 286 | 400 |
| TILLMAN                                               | 200 | 243 | 286 | 400 |
| TILLMAN                                               | 200 | 243 | 286 | 400 |
| WASHITA                                               | 211 | 256 | 301 | 422 |
| WASHITA                                               | 211 | 256 | 301 | 422 |
| WOODWARD                                              | 216 | 263 | 310 | 434 |
| WOODWARD                                              | 216 | 263 | 310 | 434 |

S. T. A. T. E. OREGON

| 0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4 BEDROOMS |     |     |     |     |
|-------------------------------------------------------|-----|-----|-----|-----|
| EUGENE-SPRINGFIELD, OR MSA                            | 338 | 411 | 484 | 605 |
| EUGENE-SPRINGFIELD, OR MSA                            | 338 | 411 | 484 | 605 |
| MEDFORD, OR MSA                                       | 336 | 408 | 480 | 600 |
| MEDFORD, OR MSA                                       | 336 | 408 | 480 | 600 |
| PORTLAND, OR MSA                                      | 289 | 352 | 413 | 529 |
| PORTLAND, OR MSA                                      | 289 | 352 | 413 | 529 |
| SALEM, OR MSA                                         | 316 | 384 | 452 | 565 |
| SALEM, OR MSA                                         | 316 | 384 | 452 | 565 |

NONMETROPOLITAN COUNTIES

| 0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4 BEDROOMS |     |     |     |     |
|-------------------------------------------------------|-----|-----|-----|-----|
| BAKER                                                 | 309 | 374 | 449 | 561 |
| BAKER                                                 | 309 | 374 | 449 | 561 |
| CLATSOP                                               | 299 | 364 | 439 | 551 |
| CLATSOP                                               | 299 | 364 | 439 | 551 |
| COOS                                                  | 321 | 390 | 466 | 583 |
| COOS                                                  | 321 | 390 | 466 | 583 |
| CURRY                                                 | 321 | 390 | 466 | 583 |
| CURRY                                                 | 321 | 390 | 466 | 583 |
| DOUGLAS                                               | 308 | 374 | 449 | 561 |
| DOUGLAS                                               | 308 | 374 | 449 | 561 |
| GRANT                                                 | 326 | 396 | 471 | 595 |
| GRANT                                                 | 326 | 396 | 471 | 595 |
| HOOD RIVER                                            | 326 | 396 | 471 | 595 |
| HOOD RIVER                                            | 326 | 396 | 471 | 595 |
| JOSEPHINE                                             | 321 | 390 | 466 | 583 |
| JOSEPHINE                                             | 321 | 390 | 466 | 583 |
| LAKE                                                  | 294 | 357 | 421 | 534 |
| LAKE                                                  | 294 | 357 | 421 | 534 |
| LEWIS                                                 | 314 | 382 | 457 | 579 |
| LEWIS                                                 | 314 | 382 | 457 | 579 |
| MORROW                                                | 308 | 374 | 449 | 561 |
| MORROW                                                | 308 | 374 | 449 | 561 |
| TILLAMOOK                                             | 299 | 364 | 439 | 551 |
| TILLAMOOK                                             | 299 | 364 | 439 | 551 |
| UNION                                                 | 308 | 374 | 449 | 561 |
| UNION                                                 | 308 | 374 | 449 | 561 |
| WASCO                                                 | 326 | 396 | 471 | 595 |
| WASCO                                                 | 326 | 396 | 471 | 595 |

NOTE: THE FMRs FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



[illegible]

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM TO ILLUSTRATE THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786 |     |     |     |     |     |              |     |     |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|--------------|-----|-----|-----|-----|-----|
| FINAL FMRS                                                                                                              |     |     |     |     |     |              |     |     |     |     |     |
| S T A T E: RHODE ISLAND                                                                                                 |     |     |     |     |     |              |     |     |     |     |     |
| FALL RIVER, MA-RI PMSA                                                                                                  |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY: NEWPORT TOWNS OF LITTLE COMPT, TIVERTON                                                                         |     |     |     |     |     |              |     |     |     |     |     |
| NEW LONDON-NORWICH, CT-RI MSA                                                                                           |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY: WASHINGTON TOWNS OF HOPKINTON, WESTERLY                                                                         |     |     |     |     |     |              |     |     |     |     |     |
| PAWTUCKET-WOONSOCKET-ATTLEBORO, RI-MA PMSA                                                                              |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY: PROVIDENCE TOWNS OF BURRILLVILLE, CENTRAL FALL, CUMBERLAND, LINCOLN, NORTH SMITH, PAWTUCKET, SMITHFIELD         |     |     |     |     |     |              |     |     |     |     |     |
| WOONSOCKET                                                                                                              |     |     |     |     |     |              |     |     |     |     |     |
| PROVIDENCE, RI PMSA                                                                                                     |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY: BRISTOL TOWNS OF BARRINGTON, BRISTOL, WARREN                                                                    |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY: KENT TOWNS OF COVENTRY, EAST GREENWI, WARWICK, WEST WARWICK                                                     |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY: NEWPORT TOWNS OF JAMESTOWN                                                                                      |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY: PROVIDENCE TOWNS OF CRANSTON, EAST PROVIDE, FOSTER, GLOCESTER, JOHNSTON, NORTH PROVID, PROVIDENCE, SCITUATE     |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY: WASHINGTON TOWNS OF EXETER, NARRAGANSETT, NORTH KINGST, RICHMOND, SOUTH KINGST                                  |     |     |     |     |     |              |     |     |     |     |     |
| NONMETROPOLITAN COUNTIES OR PARTS OF COUNTIES                                                                           |     |     |     |     |     |              |     |     |     |     |     |
| KENT COUNTY TOWNS OF WEST GREENWI                                                                                       |     |     |     |     |     |              |     |     |     |     |     |
| NEWPORT COUNTY TOWNS OF MIDDLETOWN, NEWPORT, PORTSMOUTH                                                                 |     |     |     |     |     |              |     |     |     |     |     |
| WASHINGTON COUNTY TOWNS OF CHARLESTOWN, NEW SHOREHAM                                                                    |     |     |     |     |     |              |     |     |     |     |     |
| S T A T E: SOUTH CAROLINA                                                                                               |     |     |     |     |     |              |     |     |     |     |     |
| ANDERSON, SC MSA                                                                                                        |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY(IES): ANDERSON                                                                                                   |     |     |     |     |     |              |     |     |     |     |     |
| AUGUSTA, GA-SC MSA                                                                                                      |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY(IES): AIKEN                                                                                                      |     |     |     |     |     |              |     |     |     |     |     |
| CHARLESTON, SC MSA                                                                                                      |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY(IES): BERKELEY, CHARLESTON, DORCHESTER                                                                           |     |     |     |     |     |              |     |     |     |     |     |
| CHARLOTTE-GASTONIA-ROCK HILL, NC-SC MSA                                                                                 |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY(IES): YORK                                                                                                       |     |     |     |     |     |              |     |     |     |     |     |
| COLUMBIA, SC MSA                                                                                                        |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY(IES): LEXINGTON, RICHLAND                                                                                        |     |     |     |     |     |              |     |     |     |     |     |
| FLORENCE, SC MSA                                                                                                        |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY(IES): FLORENCE                                                                                                   |     |     |     |     |     |              |     |     |     |     |     |
| GREENVILLE-SPARTANBURG, SC MSA                                                                                          |     |     |     |     |     |              |     |     |     |     |     |
| COUNTY(IES): GREENVILLE, PICKENS, SPARTANBURG                                                                           |     |     |     |     |     |              |     |     |     |     |     |
| NONMETROPOLITAN COUNTIES                                                                                                |     |     |     |     |     |              |     |     |     |     |     |
| 0 BEDROOMS 1 BEDROOM 2 BEDROOMS 3 BEDROOMS 4 BEDROOMS                                                                   |     |     |     |     |     |              |     |     |     |     |     |
| ABBEVILLE                                                                                                               | 198 | 241 | 352 | 390 | 430 | ALLENDALE    | 206 | 251 | 301 | 370 | 414 |
| BAMBERG                                                                                                                 | 206 | 251 | 352 | 390 | 430 | BARNWELL     | 212 | 257 | 292 | 370 | 414 |
| BEAUFORT                                                                                                                | 255 | 310 | 352 | 390 | 430 | CALHOUN      | 212 | 257 | 292 | 370 | 414 |
| CHEROKEE                                                                                                                | 197 | 239 | 352 | 390 | 430 | CHESTER      | 198 | 238 | 283 | 344 | 397 |
| CHESLEEN                                                                                                                | 255 | 310 | 352 | 390 | 430 | CLARENDON    | 223 | 270 | 318 | 366 | 427 |
| COLUMBIA                                                                                                                | 257 | 311 | 352 | 390 | 430 | CLAYTON      | 223 | 270 | 318 | 366 | 427 |
| DOLLEN                                                                                                                  | 197 | 239 | 352 | 390 | 430 | DARTMOUTH    | 194 | 238 | 283 | 344 | 397 |
| FAIRFIELD                                                                                                               | 194 | 239 | 352 | 390 | 430 | EDGEFIELD    | 197 | 238 | 283 | 344 | 397 |
| GREENWOOD                                                                                                               | 198 | 241 | 352 | 390 | 430 | GEORGETOWN   | 239 | 290 | 341 | 397 | 452 |
| HORRY                                                                                                                   | 223 | 270 | 352 | 390 | 430 | HAMPTON      | 255 | 311 | 366 | 427 | 478 |
| KERSHAW                                                                                                                 | 223 | 270 | 352 | 390 | 430 | JASPER       | 255 | 311 | 366 | 427 | 478 |
| LAURENS                                                                                                                 | 198 | 241 | 352 | 390 | 430 | LANCASTER    | 213 | 257 | 311 | 366 | 427 |
| MCCORMICK                                                                                                               | 194 | 239 | 352 | 390 | 430 | LEE          | 223 | 257 | 311 | 366 | 427 |
| MARLBORO                                                                                                                | 197 | 239 | 352 | 390 | 430 | MARION       | 197 | 239 | 283 | 344 | 397 |
| OCONEE                                                                                                                  | 244 | 297 | 352 | 390 | 430 | NEWBERRY     | 194 | 239 | 283 | 344 | 397 |
| SALUDA                                                                                                                  | 194 | 239 | 352 | 390 | 430 | ORANGETOWN   | 206 | 251 | 292 | 370 | 414 |
| UNION                                                                                                                   | 198 | 240 | 354 | 397 | 430 | SUMTER       | 223 | 270 | 318 | 366 | 427 |
| WILLIAMSBURG                                                                                                            | 239 | 290 | 341 | 397 | 452 | WILLIAMSBURG | 239 | 290 | 341 | 397 | 452 |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.32 TIMES THE FOUR-BEDROOM FMR, ETC.



| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786 |            |           |            |            |            |           |            |           |            |
|-------------------------------------------------------------------------------------------------------------------------|------------|-----------|------------|------------|------------|-----------|------------|-----------|------------|
| S I A I E: SOUTH DAKOTA                                                                                                 |            |           |            |            |            |           |            |           |            |
| RAPID CITY, SD, MSA                                                                                                     |            |           |            |            |            |           |            |           |            |
| COUNTY(IES): PENNINGTON                                                                                                 |            |           |            |            |            |           |            |           |            |
| SIOUX FALLS, SD, MSA                                                                                                    |            |           |            |            |            |           |            |           |            |
| COUNTY(IES): MINNEHAHA                                                                                                  |            |           |            |            |            |           |            |           |            |
| NONMETROPOLITAN COUNTIES                                                                                                |            |           |            |            |            |           |            |           |            |
|                                                                                                                         | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |           | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS |
| AURORA                                                                                                                  | 232        | 279       | 327        | 408        | 457        | BEADLE    | 232        | 279       | 327        |
| BENNETT                                                                                                                 | 232        | 279       | 327        | 408        | 457        | BON HOMME | 232        | 279       | 327        |
| BROOKINGS                                                                                                               | 232        | 279       | 327        | 408        | 457        | BROWN     | 232        | 279       | 327        |
| BRULE                                                                                                                   | 232        | 279       | 327        | 408        | 457        | BUFFALO   | 232        | 279       | 327        |
| CHARLES MIX                                                                                                             | 232        | 279       | 327        | 408        | 457        | CAMPBELL  | 232        | 279       | 327        |
| CLAY                                                                                                                    | 232        | 279       | 327        | 408        | 457        | CLARK     | 232        | 279       | 327        |
| CORSON                                                                                                                  | 232        | 279       | 327        | 408        | 457        | CODINGTON | 232        | 279       | 327        |
| DAVIS                                                                                                                   | 232        | 279       | 327        | 408        | 457        | CUSTER    | 232        | 279       | 327        |
| DEUEL                                                                                                                   | 232        | 279       | 327        | 408        | 457        | DAY       | 232        | 279       | 327        |
| DOUGLAS                                                                                                                 | 232        | 279       | 327        | 408        | 457        | DEWEY     | 232        | 279       | 327        |
| FALL RIVER                                                                                                              | 232        | 279       | 327        | 408        | 457        | EDMONDS   | 232        | 279       | 327        |
| GRANT                                                                                                                   | 232        | 279       | 327        | 408        | 457        | FAULK     | 232        | 279       | 327        |
| HAakon                                                                                                                  | 232        | 279       | 327        | 408        | 457        | GREGORY   | 232        | 279       | 327        |
| HARDING                                                                                                                 | 232        | 279       | 327        | 408        | 457        | HAMLIN    | 232        | 279       | 327        |
| HUTCHINSON                                                                                                              | 232        | 279       | 327        | 408        | 457        | HANSON    | 232        | 279       | 327        |
| JACKSON                                                                                                                 | 232        | 279       | 327        | 408        | 457        | HUGHES    | 232        | 279       | 327        |
| LAKE                                                                                                                    | 232        | 279       | 327        | 408        | 457        | KINGSBURY | 232        | 279       | 327        |
| LINCOLN                                                                                                                 | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| MCCOOK                                                                                                                  | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| MARSHALL                                                                                                                | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| MELLETTE                                                                                                                | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| MOODY                                                                                                                   | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| POTTER                                                                                                                  | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| SANBORN                                                                                                                 | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| SPINK                                                                                                                   | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| SULLY                                                                                                                   | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| TRIPP                                                                                                                   | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| UNION                                                                                                                   | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |
| YANKTON                                                                                                                 | 232        | 279       | 327        | 408        | 457        | KIRK      | 232        | 279       | 327        |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100756

FINAL FMRS  
STATE: TENNESSEE

CHATTANOOGA, TN-GA MSA  
COUNTY(IES): HAMILTON, MARION, SEQUATCHIE  
CLARKSVILLE-HOXTONVILLE, TN-KV MSA  
COUNTY(IES): MONTCOMERY

JACKSON, TN-MSA  
COUNTY(IES): MADISON

JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA MSA  
COUNTY(IES): CARTER, HAWKINS, SULLIVAN, UNICOI, WASHINGTON

KNOXVILLE, TN-MSA  
COUNTY(IES): ANDERSON, BLOUNT, GRAINGER, JEFFERSON, KNOX, SEVIER, UNION

MEMPHIS, TN-AR-MS MSA  
COUNTY(IES): SHELBY, TIPTON

NASHVILLE, TN-MSA  
COUNTY(IES): CHEATHAM, DAVIDSON, DICKSON, ROBERTSON, RUTHERFORD, SUMNER, WILLIAMSON, WILSON

## NONMETROPOLITAN COUNTIES

|           | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|-----------|------------|-----------|------------|------------|------------|------------|-----------|------------|------------|------------|
| BEDFORD   | 218        | 274       | 311        | 387        | 434        | BENTON     | 205       | 249        | 294        | 367        |
| BLED SOE  | 228        | 277       | 326        | 407        | 456        | BRADLEY    | 228       | 277        | 326        | 367        |
| CAMPBELL  | 185        | 226       | 267        | 333        | 369        | CANNON     | 205       | 251        | 297        | 369        |
| CARRROLL  | 185        | 229       | 267        | 333        | 369        | CHESTER    | 224       | 273        | 321        | 369        |
| CLAIBORNE | 185        | 226       | 267        | 333        | 369        | CLAY       | 178       | 219        | 259        | 304        |
| COCKE     | 207        | 251       | 295        | 369        | 414        | COFFEE     | 218       | 264        | 311        | 369        |
| CROCKETT  | 209        | 253       | 298        | 373        | 418        | CUMBERLAND | 205       | 251        | 297        | 369        |
| DECATUR   | 224        | 273       | 321        | 401        | 449        | DE KALE    | 205       | 251        | 297        | 369        |
| DYER      | 209        | 253       | 298        | 373        | 418        | FAKEL      | 205       | 251        | 297        | 369        |
| FENTRESS  | 205        | 251       | 297        | 369        | 414        | FARRELL    | 205       | 251        | 297        | 369        |
| GIBSON    | 209        | 253       | 298        | 373        | 418        | FRANKLIN   | 205       | 251        | 297        | 369        |
| GREENE    | 203        | 247       | 291        | 363        | 407        | GILES      | 205       | 251        | 297        | 369        |
| HAMBLEN   | 215        | 259       | 303        | 375        | 419        | GRUNDY     | 205       | 251        | 297        | 369        |
| HARDEN    | 224        | 268       | 312        | 384        | 430        | HARCOCK    | 205       | 251        | 297        | 369        |
| HAYWOOD   | 205        | 251       | 297        | 369        | 414        | HARDIN     | 205       | 251        | 297        | 369        |
| HENRY     | 205        | 251       | 297        | 369        | 414        | HENDERSON  | 205       | 251        | 297        | 369        |
| HOUSTON   | 198        | 242       | 286        | 358        | 404        | HICKMAN    | 205       | 251        | 297        | 369        |
| JACKSON   | 205        | 251       | 297        | 369        | 414        | HUMPHREYS  | 189       | 230        | 274        | 337        |
| JAKE      | 205        | 251       | 297        | 369        | 414        | JOHNSON    | 198       | 241        | 283        | 354        |
| LAWRENCE  | 218        | 262       | 306        | 378        | 424        | LAUDERDALE | 214       | 258        | 302        | 354        |
| LINCOLN   | 205        | 251       | 297        | 369        | 414        | LEWIS      | 216       | 260        | 304        | 354        |
| MACON     | 205        | 251       | 297        | 369        | 414        | LOUDON     | 216       | 260        | 304        | 354        |
| MAURY     | 218        | 262       | 306        | 378        | 424        | MCNATRY    | 224       | 268        | 312        | 358        |
| MCNINCH   | 205        | 251       | 297        | 369        | 414        | MEIGS      | 224       | 268        | 312        | 358        |
| MONROE    | 218        | 262       | 306        | 378        | 424        | MOORE      | 224       | 268        | 312        | 358        |
| MORGAN    | 185        | 226       | 267        | 333        | 369        | OBION      | 212       | 256        | 300        | 354        |
| OVERTON   | 205        | 251       | 297        | 369        | 414        | PERRY      | 228       | 272        | 316        | 360        |
| PICKETT   | 205        | 251       | 297        | 369        | 414        | RHEA       | 228       | 272        | 316        | 360        |
| PUTNAM    | 211        | 255       | 301        | 373        | 419        | SCOTT      | 189       | 233        | 277        | 337        |
| ROANE     | 218        | 262       | 306        | 378        | 424        | STEWART    | 189       | 233        | 277        | 337        |
| SMITH     | 205        | 251       | 297        | 369        | 414        | VAN BUREN  | 211       | 255        | 299        | 353        |
| TROUSDALE | 205        | 251       | 297        | 369        | 414        | WAYNE      | 211       | 255        | 299        | 353        |
| WEAKLEY   | 205        | 251       | 297        | 369        | 414        | WHITE      | 211       | 255        | 299        | 353        |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMRS FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMRS FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMRS, AND THE CALCULATION OF THE FMRS FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMRS, ETC.



## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

FINAL FMRS  
STATE: TEXAS

|                                                                             | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|-----------------------------------------------------------------------------|------------|-----------|------------|------------|------------|
| ABILENE, TX MSA                                                             | 276        | 336       | 395        | 494        | 554        |
| AMARILLO, COUNTY(IES): TAYLOR                                               |            |           |            |            |            |
| AUSTIN, TX MSA                                                              | 284        | 309       | 384        | 454        | 508        |
| AUSTIN, COUNTY(IES): POTTER, RANDALL                                        |            |           |            |            |            |
| BEAUMONT-PORT ARTHUR, TX MSA                                                | 326        | 391       | 480        | 575        | 644        |
| BEAUMONT-PORT ARTHUR, COUNTY(IES): HAYS, TRAVIS, WILLIAMSON                 |            |           |            |            |            |
| BRAZORIA, TX MSA                                                            | 292        | 354       | 417        | 522        | 584        |
| BRAZORIA, COUNTY(IES): HARDIN, JEFFERSON, ORANGE                            |            |           |            |            |            |
| BROWNSVILLE-HARLINGEN, TX MSA                                               | 314        | 381       | 449        | 561        | 628        |
| BROWNSVILLE-HARLINGEN, COUNTY(IES): BRAZORIA                                |            |           |            |            |            |
| BRYAN-COLLEGE STATION, TX MSA                                               | 289        | 314       | 370        | 462        | 518        |
| BRYAN-COLLEGE STATION, COUNTY(IES): CAMERON                                 |            |           |            |            |            |
| CORPUS CHRISTI, TX MSA                                                      | 343        | 417       | 490        | 613        | 687        |
| CORPUS CHRISTI, COUNTY(IES): BRAZOS                                         |            |           |            |            |            |
| DALLAS, TX MSA                                                              | 299        | 363       | 427        | 534        | 598        |
| DALLAS, COUNTY(IES): NUECES, SAN PATRICIO                                   |            |           |            |            |            |
| EL PASO, TX MSA                                                             | 290        | 356       | 417        | 523        | 584        |
| EL PASO, COUNTY(IES): COLLIN, DALLAS, DENTON, ELLIS, KAUFMAN, ROCKWALL      |            |           |            |            |            |
| FORT WORTH-ARLINGTON, TX MSA                                                | 256        | 310       | 365        | 456        | 511        |
| FORT WORTH-ARLINGTON, COUNTY(IES): EL PASO                                  |            |           |            |            |            |
| GALVESTON-TEXAS CITY, TX MSA                                                | 290        | 356       | 417        | 523        | 584        |
| GALVESTON-TEXAS CITY, COUNTY(IES): JOHNSON, PARKER, TARRANT                 |            |           |            |            |            |
| HOUSTON, TX MSA                                                             | 293        | 356       | 419        | 524        | 587        |
| HOUSTON, COUNTY(IES): GALVESTON                                             |            |           |            |            |            |
| KILLEEN-TEMPLE, TX MSA                                                      | 280        | 340       | 400        | 500        | 560        |
| KILLEEN-TEMPLE, COUNTY(IES): FORT BEND, HARRIS, LIBERTY, MONTGOMERY, WALLER |            |           |            |            |            |
| LAREDO, TX MSA                                                              | 252        | 306       | 360        | 450        | 504        |
| LAREDO, COUNTY(IES): BELL, CORYELL                                          |            |           |            |            |            |
| LONGVIEW-MARSHALL, TX MSA                                                   | 238        | 290       | 341        | 426        | 478        |
| LONGVIEW-MARSHALL, COUNTY(IES): WEBB                                        |            |           |            |            |            |
| LUBBOCK, TX MSA                                                             | 288        | 349       | 411        | 513        | 575        |
| LUBBOCK, COUNTY(IES): GREGG, HARRISON                                       |            |           |            |            |            |
| MC ALLEN-EDINBURG-MISSION, TX MSA                                           | 215        | 269       | 351        | 446        | 492        |
| MIDLAND, TX MSA                                                             | 258        | 313       | 368        | 460        | 516        |
| MIDLAND, COUNTY(IES): HIDALGO                                               |            |           |            |            |            |
| ODESSA, TX MSA                                                              | 331        | 402       | 472        | 592        | 662        |
| ODESSA, COUNTY(IES): MIDLAND                                                |            |           |            |            |            |
| SAN ANGELO, TX MSA                                                          | 339        | 400       | 469        | 587        | 657        |
| SAN ANGELO, COUNTY(IES): ECTOR                                              |            |           |            |            |            |
| SAN ANTONIO, TX MSA                                                         | 278        | 338       | 398        | 498        | 558        |
| SAN ANTONIO, COUNTY(IES): TOM GREEN                                         |            |           |            |            |            |
| SHERMAN-DENISON, TX MSA                                                     | 282        | 339       | 401        | 503        | 560        |
| SHERMAN-DENISON, COUNTY(IES): BEXAR, COMAL, GUADALUPE                       |            |           |            |            |            |
| TEXARKANA, TX-TEXARKANA, AR MSA                                             | 253        | 307       | 362        | 452        | 506        |
| TEXARKANA, COUNTY(IES): GRAYSON                                             |            |           |            |            |            |
| TYLER, TX MSA                                                               | 233        | 283       | 334        | 417        | 467        |
| TYLER, COUNTY(IES): BOWIE                                                   |            |           |            |            |            |
| VICTORIA, TX MSA                                                            | 291        | 353       | 416        | 520        | 582        |
| VICTORIA, COUNTY(IES): SMITH                                                |            |           |            |            |            |
| WACO, TX MSA                                                                | 355        | 431       | 507        | 635        | 711        |
| WACO, COUNTY(IES): VICTORIA                                                 |            |           |            |            |            |
| WICHITA FALLS, TX MSA                                                       | 241        | 288       | 339        | 420        | 468        |
| WICHITA FALLS, COUNTY(IES): MCLENNAN                                        |            |           |            |            |            |
| WICHITA FALLS, COUNTY(IES): WICHITA                                         | 262        | 318       | 375        | 468        | 525        |

|           | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|-----------|------------|-----------|------------|------------|------------|
| ANDREWS   | 194        | 229       | 289        | 337        | 378        |
| ARLINGTON | 244        | 279       | 339        | 436        | 499        |
| AUSTIN    | 231        | 276       | 336        | 436        | 499        |
| AUSTIN    | 231        | 276       | 336        | 436        | 499        |
| BANDERA   | 217        | 252       | 312        | 407        | 465        |
| BAYLOR    | 217        | 252       | 312        | 407        | 465        |
| BLANCO    | 217        | 252       | 312        | 407        | 465        |
| BROWN     | 217        | 252       | 312        | 407        | 465        |
| BROWN     | 217        | 252       | 312        | 407        | 465        |
| BURNET    | 217        | 252       | 312        | 407        | 465        |
| BURNET    | 217        | 252       | 312        | 407        | 465        |
| CAMP      | 217        | 252       | 312        | 407        | 465        |
| CAMP      | 217        | 252       | 312        | 407        | 465        |
| CASS      | 217        | 252       | 312        | 407        | 465        |
| CASS      | 217        | 252       | 312        | 407        | 465        |
| CHAMBERS  | 217        | 252       | 312        | 407        | 465        |
| CHAMBERS  | 217        | 252       | 312        | 407        | 465        |
| CHILDRESS | 217        | 252       | 312        | 407        | 465        |
| CHILDRESS | 217        | 252       | 312        | 407        | 465        |
| COCHRAN   | 217        | 252       | 312        | 407        | 465        |
| COCHRAN   | 217        | 252       | 312        | 407        | 465        |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMRS FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMRS FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMRS, ETC.



SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 10078B  
FINAL FMRS  
STATE: TEXAS

FINAL FMRS  
STATE: TEXAS

[illegible]

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMR FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMR FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMR, AND THE CALCULATION OF THE FMR FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMR, ETC.



## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

FINAL FMRS  
STATE: TEXAS

## NONMETROPOLITAN COUNTIES

|            | 0   | BEDROOMS 1 | BEDROOM | 2   | BEDROOMS 3 | BEDROOMS 4 | BEDROOMS  |
|------------|-----|------------|---------|-----|------------|------------|-----------|
| TYLER      | 234 | 283        | 334     | 417 | 467        | 457        | UPSHUR    |
| UPTON      | 208 | 254        | 298     | 373 | 417        | 457        | UVALDE    |
| VAL VERDE  | 211 | 258        | 302     | 372 | 413        | 457        | VAN ZANDT |
| WALKER     | 266 | 324        | 381     | 477 | 533        | 570        | WARD      |
| WASHINGTON | 234 | 283        | 334     | 417 | 467        | 457        | WHARTON   |
| WHEELER    | 230 | 279        | 329     | 411 | 460        | 450        | WILBARGER |
| WHEELER    | 244 | 297        | 349     | 436 | 489        | 479        | WILSON    |
| WINKLER    | 189 | 237        | 289     | 377 | 427        | 417        | WISE      |
| WOOD       | 203 | 246        | 291     | 363 | 407        | 407        | YOAKUM    |
| YOUNG      | 212 | 258        | 303     | 379 | 424        | 424        | ZAPATA    |
| ZAVALA     | 211 | 258        | 302     | 372 | 413        | 453        |           |

## S T A T E: UTAH

| 0                                    | BEDROOMS 1 | BEDROOM | 2   | BEDROOMS 3 | BEDROOMS 4 | BEDROOMS |
|--------------------------------------|------------|---------|-----|------------|------------|----------|
| 254                                  | 320        | 376     | 470 | 527        |            |          |
| 308                                  | 367        | 436     | 541 | 609        |            |          |
| -----                                |            |         |     |            |            |          |
| PROVO-OREM, UT MSA                   |            |         |     |            |            |          |
| COUNTY(IES): UTAH                    |            |         |     |            |            |          |
| SALT LAKE CITY-OGDEN, UT MSA         |            |         |     |            |            |          |
| COUNTY(IES): DAVIS, SALT LAKE, WEBER |            |         |     |            |            |          |

## NONMETROPOLITAN COUNTIES

|         | 0   | BEDROOMS 1 | BEDROOM | 2   | BEDROOMS 3 | BEDROOMS 4 | BEDROOMS   |  | 0   | BEDROOMS 1 | BEDROOM | 2   | BEDROOMS 3 | BEDROOMS 4 | BEDROOMS |
|---------|-----|------------|---------|-----|------------|------------|------------|--|-----|------------|---------|-----|------------|------------|----------|
| EAVER   | 288 | 350        | 412     | 514 | 576        | 576        | BOX ELDER  |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| ACHE    | 266 | 322        | 380     | 475 | 532        | 532        | CARBON     |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| AGGETT  | 329 | 399        | 469     | 587 | 657        | 657        | DUCHESNE   |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| MERY    | 329 | 399        | 469     | 587 | 657        | 657        | GARFIELD   |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| MRAND   | 329 | 399        | 469     | 587 | 657        | 657        | IRON       |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| UAB     | 288 | 350        | 412     | 514 | 576        | 576        | KANE       |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| ILLARD  | 288 | 350        | 412     | 514 | 576        | 576        | MORGAN     |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| IUTE    | 288 | 350        | 412     | 514 | 576        | 576        | RICH       |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| AN JUAN | 329 | 399        | 469     | 587 | 657        | 657        | SANPETE    |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| EVER    | 288 | 350        | 412     | 514 | 576        | 576        | SUMMIT     |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| OOELE   | 266 | 322        | 380     | 475 | 532        | 532        | UNTAN      |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| ASATCH  | 329 | 399        | 469     | 587 | 657        | 657        | WASHINGTON |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |
| AYNE    | 288 | 350        | 412     | 514 | 576        | 576        |            |  | 256 | 322        | 380     | 475 | 532        | 595        | 657      |

## S T A T E: VERMONT

|                                                                                                                        |            |         |     |            |            |          |
|------------------------------------------------------------------------------------------------------------------------|------------|---------|-----|------------|------------|----------|
| 0                                                                                                                      | BEDROOMS 1 | BEDROOM | 2   | BEDROOMS 3 | BEDROOMS 4 | BEDROOMS |
| 372                                                                                                                    | 452        | 531     | 664 | 744        |            |          |
| BURLINGTON, VT MSA                                                                                                     |            |         |     |            |            |          |
| COUNTY: CHITTENDEN TOWNS OF BURLINGTON, CHARLOTTE, COLCHESTER, ESSEX, HINESBURG, JERICHO, MILTON, RICHMOND, ST. GEORGE |            |         |     |            |            |          |
| COUNTY: FRANKLIN TOWNS OF BURLINGTON, CHARLOTTE, COLCHESTER, ESSEX, HINESBURG, JERICHO, MILTON, RICHMOND, ST. GEORGE   |            |         |     |            |            |          |
| COUNTY: GRAND ISLE TOWNS OF GRAND ISLE, SOUTH HERO                                                                     |            |         |     |            |            |          |

## NONMETROPOLITAN COUNTIES OR PARTS OF COUNTIES

|                   |            |         |     |            |            |          |     |            |         |     |            |            |          |
|-------------------|------------|---------|-----|------------|------------|----------|-----|------------|---------|-----|------------|------------|----------|
| 0                 | BEDROOMS 1 | BEDROOM | 2   | BEDROOMS 3 | BEDROOMS 4 | BEDROOMS | 0   | BEDROOMS 1 | BEDROOM | 2   | BEDROOMS 3 | BEDROOMS 4 | BEDROOMS |
| ADDISON COUNTY    | 298        | 361     | 425 | 531        | 595        |          | 298 | 361        | 425     | 531 | 595        |            |          |
| BENNINGTON COUNTY | 303        | 372     | 436 | 542        | 611        |          | 303 | 372        | 436     | 542 | 611        |            |          |
| CALEDONIA COUNTY  | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| CHITTENDEN COUNTY | 344        | 419     | 493 | 617        | 690        |          | 344 | 419        | 493     | 617 | 690        |            |          |
| ESSEX COUNTY      | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| FRANKLIN COUNTY   | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| GRAND ISLE COUNTY | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| LAKEVILLE COUNTY  | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| ORANGE COUNTY     | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| ORLEANS COUNTY    | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| RUTLAND COUNTY    | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| WASHINGTON COUNTY | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| WINDHAM COUNTY    | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |
| WINDSOR COUNTY    | 254        | 308     | 362 | 453        | 508        |          | 254 | 308        | 362     | 453 | 508        |            |          |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMRS FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE, THE FMRS FOR A FIVE-BEDROOM UNIT IS 1.15 TIMES THE FOUR-BEDROOM FMRS, AND THE CALCULATION OF THE FMRS FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMRS, ETC.



## SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786

## FINAL FMRS

## S T A T E : VIRGINIA

|                                                                                                                      | 0 BEDROOMS | 1 BEDROOM  | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|----------------------------------------------------------------------------------------------------------------------|------------|------------|------------|------------|------------|
| CHARLOTTESVILLE, VA MSA                                                                                              | 321        | 391        | 459        | 575        | 643        |
| COUNTY(IES): ALBEMARLE, FLUVANNA, GREENE, CHARLOTTESVI                                                               |            |            |            |            |            |
| DANVILLE, VA MSA                                                                                                     | 246        | 299        | 351        | 439        | 491        |
| COUNTY(IES): PITTSYLVANIA, DANVILLE                                                                                  |            |            |            |            |            |
| JOHNSON CITY-KINGSFORD-BRISTOL, TN-VA MSA                                                                            | 232        | 281        | 331        | 414        | 464        |
| COUNTY(IES): SCOTT, WASHINGTON, BRISTOL                                                                              |            |            |            |            |            |
| LYNCHBURG, VA MSA                                                                                                    | 265        | 329        | 379        | 462        | 530        |
| COUNTY(IES): AMHERST, CAMPBELL, LYNCHBURG                                                                            |            |            |            |            |            |
| NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA MSA                                                                          | 308        | 369        | 425        | 523        | 585        |
| COUNTY(IES): GLOUCESTER, JAMES CITY, YORK, CHESAPEAKE, HAMPTON, NEWPORT NEWS, NORFOLK, POQUOSUN, PORTSMOUTH, SUFFOLK |            |            |            |            |            |
| RICHMOND-PETERSBURG, VA MSA                                                                                          | 294        | 353        | 413        | 517        | 579        |
| COUNTY(IES): CHARLES CITY, CHESTERFIELD, DINWIDDIE, GOOCHLAND, HANOVER, HENRICO, NEW KENT, POWHATAN, PRINCESGEORGE   |            |            |            |            |            |
| ROANOKE, VA MSA                                                                                                      | 258        | 313        | 368        | 461        | 517        |
| COUNTY(IES): COLONIAL HEI, HOPEWELL, PETERSBURG, RICHMOND                                                            |            |            |            |            |            |
| WASHINGTON, DC-MD-VA MSA                                                                                             | 393        | 478        | 553        | 707        | 792        |
| COUNTY(IES): ARLINGTON, FAIRFAX, LOUDOUN, PRINCEWILLIA, STAFFORD, ALEXANDRIA, FAIRFAX, FALLS CHURCH, MANASSAS        |            |            |            |            |            |
| MANASSAS PARK                                                                                                        |            |            |            |            |            |
| NONMETROPOLITAN COUNTIES                                                                                             |            |            |            |            |            |
| 0 BEDROOMS                                                                                                           | 1 BEDROOM  | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |            |
| ACCOMACK                                                                                                             | 293        | 341        | 420        | 470        |            |
| AMELIA                                                                                                               | 243        | 288        | 344        | 406        |            |
| AUGUSTA                                                                                                              | 219        | 258        | 304        | 360        |            |
| BROCKWICK                                                                                                            | 257        | 312        | 367        | 425        |            |
| BUCKINGHAM                                                                                                           | 222        | 270        | 319        | 377        |            |
| CARROLL                                                                                                              | 213        | 258        | 304        | 360        |            |
| CLARKE                                                                                                               | 217        | 263        | 310        | 367        |            |
| CULPEPER                                                                                                             | 258        | 313        | 368        | 425        |            |
| DICKENSON                                                                                                            | 268        | 323        | 378        | 435        |            |
| FAUQUIER                                                                                                             | 230        | 275        | 320        | 375        |            |
| FRANKLIN                                                                                                             | 222        | 267        | 312        | 367        |            |
| GILES                                                                                                                | 256        | 311        | 366        | 423        |            |
| GREENSVILLE                                                                                                          | 202        | 244        | 287        | 330        |            |
| HENRY                                                                                                                | 258        | 313        | 368        | 425        |            |
| ISLE OF WIGHT                                                                                                        | 208        | 253        | 294        | 336        |            |
| KING GEORGE                                                                                                          | 304        | 369        | 434        | 500        |            |
| LANCASTER                                                                                                            | 234        | 285        | 336        | 392        |            |
| LOUISA                                                                                                               | 272        | 328        | 383        | 439        |            |
| MADISON                                                                                                              | 272        | 328        | 383        | 439        |            |
| MECKLENBURG                                                                                                          | 202        | 244        | 287        | 330        |            |
| MONTGOMERY                                                                                                           | 312        | 379        | 445        | 511        |            |
| NORTHAMPTON                                                                                                          | 243        | 293        | 341        | 388        |            |
| NOTTOWAY                                                                                                             | 213        | 258        | 304        | 360        |            |
| PAGE                                                                                                                 | 258        | 313        | 368        | 425        |            |
| PRINCE EDWARD                                                                                                        | 213        | 258        | 304        | 360        |            |
| RAPPAHANNOCK                                                                                                         | 268        | 323        | 378        | 435        |            |
| ROCKBRIDGE                                                                                                           | 257        | 312        | 367        | 425        |            |
| RUSSELL                                                                                                              | 246        | 299        | 351        | 408        |            |
| SWYDE                                                                                                                | 214        | 263        | 310        | 367        |            |
| WEST VIRGINIA                                                                                                        | 202        | 244        | 287        | 330        |            |
| WARREN                                                                                                               | 258        | 313        | 368        | 425        |            |
| WISE                                                                                                                 | 248        | 300        | 353        | 408        |            |
| CLIFFORD FORG                                                                                                        | 222        | 270        | 318        | 367        |            |
| EMPORIA                                                                                                              | 202        | 244        | 287        | 330        |            |
| FREDERICKSBURG                                                                                                       | 304        | 369        | 434        | 500        |            |
| HARRISONBURG                                                                                                         | 257        | 312        | 367        | 425        |            |
| MARTINSVILLE                                                                                                         | 257        | 312        | 367        | 425        |            |
| RADFORD                                                                                                              | 258        | 313        | 368        | 425        |            |
| STAUNTON                                                                                                             | 312        | 379        | 445        | 511        |            |
| WINCHESTER                                                                                                           | 258        | 313        | 368        | 425        |            |
| 0 BEDROOMS                                                                                                           | 1 BEDROOM  | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |            |
| ALLEGHANY                                                                                                            | 257        | 312        | 367        | 425        |            |
| APPOMATTOX                                                                                                           | 257        | 312        | 367        | 425        |            |
| BATH                                                                                                                 | 257        | 312        | 367        | 425        |            |
| BLANCK                                                                                                               | 257        | 312        | 367        | 425        |            |
| BUCHANAN                                                                                                             | 246        | 299        | 351        | 408        |            |
| CAROLINE                                                                                                             | 204        | 253        | 304        | 351        |            |
| CARROLL                                                                                                              | 204        | 253        | 304        | 351        |            |
| CRAIG                                                                                                                | 204        | 253        | 304        | 351        |            |
| CUMBERLAND                                                                                                           | 204        | 253        | 304        | 351        |            |
| ESSEX                                                                                                                | 204        | 253        | 304        | 351        |            |
| FLOYD                                                                                                                | 204        | 253        | 304        | 351        |            |
| FREDERICK                                                                                                            | 204        | 253        | 304        | 351        |            |
| GRAYSON                                                                                                              | 204        | 253        | 304        | 351        |            |
| HALIFAX                                                                                                              | 204        | 253        | 304        | 351        |            |
| HIGHLAND                                                                                                             | 204        | 253        | 304        | 351        |            |
| KING + QUEEN                                                                                                         | 204        | 253        | 304        | 351        |            |
| KING WILLIAM                                                                                                         | 204        | 253        | 304        | 351        |            |
| LEE                                                                                                                  | 204        | 253        | 304        | 351        |            |
| LUNENBURG                                                                                                            | 204        | 253        | 304        | 351        |            |
| MATHEWS                                                                                                              | 204        | 253        | 304        | 351        |            |
| MIDDLESEX                                                                                                            | 204        | 253        | 304        | 351        |            |
| NELSON                                                                                                               | 204        | 253        | 304        | 351        |            |
| NORTHAMPTON                                                                                                          | 204        | 253        | 304        | 351        |            |
| NORTHUMBERLAND                                                                                                       | 204        | 253        | 304        | 351        |            |
| ORANGE                                                                                                               | 204        | 253        | 304        | 351        |            |
| PATRICK                                                                                                              | 204        | 253        | 304        | 351        |            |
| PULASKI                                                                                                              | 204        | 253        | 304        | 351        |            |
| RICHMOND                                                                                                             | 204        | 253        | 304        | 351        |            |
| ROCKINGHAM                                                                                                           | 204        | 253        | 304        | 351        |            |
| SHENANDOAH                                                                                                           | 204        | 253        | 304        | 351        |            |
| SOUTHAMPTON                                                                                                          | 204        | 253        | 304        | 351        |            |
| SURRY                                                                                                                | 204        | 253        | 304        | 351        |            |
| TAYLOR                                                                                                               | 204        | 253        | 304        | 351        |            |
| WESTMORELAND                                                                                                         | 204        | 253        | 304        | 351        |            |
| WYTHE                                                                                                                | 204        | 253        | 304        | 351        |            |
| BUENA VISTA                                                                                                          | 204        | 253        | 304        | 351        |            |
| COVINGTON                                                                                                            | 204        | 253        | 304        | 351        |            |
| FRANKLIN                                                                                                             | 204        | 253        | 304        | 351        |            |
| GALAX                                                                                                                | 204        | 253        | 304        | 351        |            |
| LEXINGTON                                                                                                            | 204        | 253        | 304        | 351        |            |
| NORFOLK                                                                                                              | 204        | 253        | 304        | 351        |            |
| SOUTH BOSTON                                                                                                         | 204        | 253        | 304        | 351        |            |
| WAYNESBORO                                                                                                           | 204        | 253        | 304        | 351        |            |

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SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786  
 FINAL FMRS  
 ----- WASHINGTON

|                                  | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|----------------------------------|------------|-----------|------------|------------|------------|
| BELLINGHAM, WA MSA               |            |           |            |            |            |
| COUNTY(IES): WHATCOM             |            |           |            |            |            |
| BREMERTON, WA MSA                |            |           |            |            |            |
| COUNTY(IES): KITSAP              |            |           |            |            |            |
| OLYMPIA, WA MSA                  |            |           |            |            |            |
| COUNTY(IES): THURSTON            |            |           |            |            |            |
| RICHLAND-KENNEWICK-PASCO, WA MSA |            |           |            |            |            |
| COUNTY(IES): BENTON, FRANKLIN    |            |           |            |            |            |
| SEATTLE, WA PMSA                 |            |           |            |            |            |
| COUNTY(IES): KING, SNOHOMISH     |            |           |            |            |            |
| SPOKANE, WA MSA                  |            |           |            |            |            |
| COUNTY(IES): SPOKANE             |            |           |            |            |            |
| TACOMA, WA PMSA                  |            |           |            |            |            |
| COUNTY(IES): PIERCE              |            |           |            |            |            |
| VANCOUVER, WA PMSA               |            |           |            |            |            |
| COUNTY(IES): CLARK               |            |           |            |            |            |
| YAKIMA, WA MSA                   |            |           |            |            |            |
| COUNTY(IES): YAKIMA              |            |           |            |            |            |

|              | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|--------------|------------|-----------|------------|------------|------------|
| ASOTIN       | 308        | 373       | 440        | 509        | 576        |
| CALHAN       | 308        | 376       | 440        | 509        | 576        |
| COLUMBIA     | 308        | 376       | 440        | 509        | 576        |
| DOUGLAS      | 308        | 376       | 440        | 509        | 576        |
| GRAYFIELD    | 308        | 376       | 440        | 509        | 576        |
| GRAYS HARBOR | 308        | 376       | 440        | 509        | 576        |
| JEFFERSON    | 308        | 376       | 440        | 509        | 576        |
| KLICKITAT    | 308        | 376       | 440        | 509        | 576        |
| LINCOLN      | 308        | 376       | 440        | 509        | 576        |
| OKANOGAN     | 308        | 376       | 440        | 509        | 576        |
| PEND OREILLE | 308        | 376       | 440        | 509        | 576        |
| SKAGIT       | 308        | 376       | 440        | 509        | 576        |
| STEVENS      | 308        | 376       | 440        | 509        | 576        |
| WALLA WALLA  | 308        | 376       | 440        | 509        | 576        |

|              | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|--------------|------------|-----------|------------|------------|------------|
| ASOTIN       | 308        | 373       | 440        | 509        | 576        |
| CALHAN       | 308        | 376       | 440        | 509        | 576        |
| COLUMBIA     | 308        | 376       | 440        | 509        | 576        |
| DOUGLAS      | 308        | 376       | 440        | 509        | 576        |
| GRAYFIELD    | 308        | 376       | 440        | 509        | 576        |
| GRAYS HARBOR | 308        | 376       | 440        | 509        | 576        |
| JEFFERSON    | 308        | 376       | 440        | 509        | 576        |
| KLICKITAT    | 308        | 376       | 440        | 509        | 576        |
| LINCOLN      | 308        | 376       | 440        | 509        | 576        |
| OKANOGAN     | 308        | 376       | 440        | 509        | 576        |
| PEND OREILLE | 308        | 376       | 440        | 509        | 576        |
| SKAGIT       | 308        | 376       | 440        | 509        | 576        |
| STEVENS      | 308        | 376       | 440        | 509        | 576        |
| WALLA WALLA  | 308        | 376       | 440        | 509        | 576        |

|            | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
|------------|------------|-----------|------------|------------|------------|
| BARBOUR    | 209        | 254       | 323        | 391        | 459        |
| BOONE      | 209        | 254       | 323        | 391        | 459        |
| CALHOUN    | 209        | 254       | 323        | 391        | 459        |
| DODDRIDGE  | 209        | 254       | 323        | 391        | 459        |
| GILMER     | 209        | 254       | 323        | 391        | 459        |
| GREENBRIER | 209        | 254       | 323        | 391        | 459        |
| HARDY      | 209        | 254       | 323        | 391        | 459        |
| JACKSON    | 209        | 254       | 323        | 391        | 459        |
| LEWIS      | 209        | 254       | 323        | 391        | 459        |
| LOGAN      | 209        | 254       | 323        | 391        | 459        |
| MARION     | 209        | 254       | 323        | 391        | 459        |
| MERCER     | 209        | 254       | 323        | 391        | 459        |
| MONONGALIA | 209        | 254       | 323        | 391        | 459        |
| MORGAN     | 209        | 254       | 323        | 391        | 459        |
| PENDLETON  | 209        | 254       | 323        | 391        | 459        |
| POCAHONTAS | 209        | 254       | 323        | 391        | 459        |
| RALEIGH    | 209        | 254       | 323        | 391        | 459        |
| RITCHIE    | 209        | 254       | 323        | 391        | 459        |
| SUMMERS    | 209        | 254       | 323        | 391        | 459        |
| TUCKER     | 209        | 254       | 323        | 391        | 459        |
| UPSHUR     | 209        | 254       | 323        | 391        | 459        |
| WETZEL     | 209        | 254       | 323        | 391        | 459        |
| WYOMING    | 209        | 254       | 323        | 391        | 459        |

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| SCHEDULE B - FAIR MARKET RENTS FOR EXISTING HOUSING (INCLUDING HOUSING FINANCE AND DEVELOPMENT AGENCIES PROGRAM) 100786 |           |            |            |            |            |           |            |            |            |
|-------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|------------|------------|-----------|------------|------------|------------|
| FINAL FMRS                                                                                                              |           |            |            |            |            |           |            |            |            |
| STATE: WYOMING                                                                                                          |           |            |            |            |            |           |            |            |            |
| CASPER, WY MSA                                                                                                          |           |            |            |            |            |           |            |            |            |
| COUNTY(IES): NATRONA                                                                                                    |           |            |            |            |            |           |            |            |            |
| CHEYENNE, WY MSA                                                                                                        |           |            |            |            |            |           |            |            |            |
| COUNTY(IES): LARAMIE                                                                                                    |           |            |            |            |            |           |            |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |           |            |            |            |            |           |            |            |            |
| 0 BEDROOMS                                                                                                              | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
| ALBANY                                                                                                                  | 215       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| CAMPBELL                                                                                                                | 236       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| CONVERSE                                                                                                                | 236       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| FREMONT                                                                                                                 | 236       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| HOT SPRINGS                                                                                                             | 242       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| LINCOLN                                                                                                                 | 236       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| LARK                                                                                                                    | 242       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| SMITH                                                                                                                   | 242       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| SWEETWATER                                                                                                              | 242       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| WATKINS                                                                                                                 | 236       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| WYOMING                                                                                                                 | 242       | 289        | 342        | 426        | 473        | 242       | 294        | 347        | 431        |
| STATE GUAM                                                                                                              |           |            |            |            |            |           |            |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |           |            |            |            |            |           |            |            |            |
| 0 BEDROOMS                                                                                                              | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
| GUAM                                                                                                                    | 383       | 461        | 545        | 681        | 765        | 0         | 0          | 0          | 0          |
| STATE PUERTO RICO                                                                                                       |           |            |            |            |            |           |            |            |            |
| AGUADILLA, PR MSA                                                                                                       |           |            |            |            |            |           |            |            |            |
| COUNTY(IES): AQUEDELLA                                                                                                  |           |            |            |            |            |           |            |            |            |
| ARECIBO, PR MSA                                                                                                         |           |            |            |            |            |           |            |            |            |
| COUNTY(IES): ARECIBO                                                                                                    |           |            |            |            |            |           |            |            |            |
| CAGUAS, PR PMSA                                                                                                         |           |            |            |            |            |           |            |            |            |
| COUNTY(IES): CAGUAS                                                                                                     |           |            |            |            |            |           |            |            |            |
| MAYAGUEZ, PR MSA                                                                                                        |           |            |            |            |            |           |            |            |            |
| COUNTY(IES): MAYAGUEZ                                                                                                   |           |            |            |            |            |           |            |            |            |
| PONCE, PR MSA                                                                                                           |           |            |            |            |            |           |            |            |            |
| COUNTY(IES): PONCE                                                                                                      |           |            |            |            |            |           |            |            |            |
| SAN JUAN, PR PMSA                                                                                                       |           |            |            |            |            |           |            |            |            |
| COUNTY(IES): SAN JUAN                                                                                                   |           |            |            |            |            |           |            |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |           |            |            |            |            |           |            |            |            |
| 0 BEDROOMS                                                                                                              | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
| ALL OTHER                                                                                                               | 215       | 285        | 310        | 390        | 435        | 0         | 0          | 0          | 0          |
| STATE, VIRGIN ISLANDS                                                                                                   |           |            |            |            |            |           |            |            |            |
| NONMETROPOLITAN COUNTIES                                                                                                |           |            |            |            |            |           |            |            |            |
| 0 BEDROOMS                                                                                                              | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS | 0 BEDROOMS | 1 BEDROOM | 2 BEDROOMS | 3 BEDROOMS | 4 BEDROOMS |
| -CHAR AMALIE                                                                                                            | 355       | 435        | 510        | 640        | 715        | 0         | 0          | 0          | 0          |
| ST CROIX                                                                                                                | 365       | 365        | 430        | 540        | 600        | 0         | 0          | 0          | 0          |

NOTE: THE FMRS FOR UNIT SIZES LARGER THAN FOUR-BEDROOMS ARE CALCULATED BY ADDING 15 PERCENT TO THE FOUR-BEDROOM FMRS FOR EACH ADDITIONAL BEDROOM. TO ILLUSTRATE: THE FMRS FOR A FIVE-BEDROOM UNIT IS 15 TIMES THE FOUR-BEDROOM FMRS, AND THE CALCULATION OF THE FMRS FOR A SIX-BEDROOM UNIT IS 1.30 TIMES THE FOUR-BEDROOM FMRS, ETC.



## SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                        | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|----------------------------------------|----------------------|----------------------|
| NON METRO STATE: ALABAMA               | 64                   | 73                   |
| MSA: ANNISTON, AL                      | 67                   | 74                   |
| MSA: BIRMINGHAM, AL                    | 94                   | 103                  |
| MSA: COLUMBUS, GA-AL                   | 85                   | 94                   |
| MSA: DOTHAN, AL                        | 62                   | 71                   |
| MSA: FLORENCE, AL                      | 74                   | 80                   |
| MSA: GADSDEN, AL                       | 67                   | 74                   |
| MSA: HUNTSVILLE, AL                    | 94                   | 103                  |
| MSA: MOBILE, AL                        | 75                   | 81                   |
| MSA: MONTGOMERY, AL                    | 87                   | 99                   |
| MSA: TUSCALOOSA, AL                    | 81                   | 89                   |
| EXCEPTION COUNTY: LIMESTONE            | 81                   | 89                   |
| EXCEPTION COUNTY: MARSHALL             |                      |                      |
| NON METRO STATE: ALASKA                | 202                  | 202                  |
| MSA: ANCHORAGE, AK                     | 224                  | 224                  |
| EXCEPTION COUNTY: KETCHIKAN            | 202                  | 214                  |
| NON METRO STATE: ARIZONA               | 88                   | 112                  |
| MSA: PHOENIX, AZ                       | 122                  | 145                  |
| MSA: TUCSON, AZ                        | 88                   | 122                  |
| NON METRO STATE: ARKANSAS              | 37                   | 41                   |
| MSA: FAYETTEVILLE-SPRINGDALE, AR       | 59                   | 63                   |
| MSA: FORT SMITH, AR-OK                 | 34                   | 37                   |
| MSA: LITTLE ROCK-NORTH LITTLE ROCK, AR | 50                   | 52                   |
| MSA: MEMPHIS, TN-AR-MS                 | 86                   | 86                   |
| MSA: PINE BLUFF, AR                    | 27                   | 29                   |
| MSA: TEXARKANA, TX-TEXARKANA, AR       | 102                  | 115                  |
| EXCEPTION COUNTY: BENTON               | 53                   | 55                   |
| EXCEPTION COUNTY: LITTLE RIVER         | 88                   | 99                   |
| NON METRO STATE: CALIFORNIA            | 137                  | 180                  |
| PMSA: ANAHEIM-SANTA ANA, CA            | 317                  | 317                  |
| MSA: BAKERSFIELD, CA                   | 129                  | 196                  |
| MSA: CHICO, CA                         | 137                  | 180                  |
| MSA: FRESNO, CA                        | 196                  | 220                  |
| PMSA: LOS ANGELES-LONG BEACH, CA       | 154                  | 258                  |
| MSA: MERCED, CA                        | 137                  | 180                  |
| MSA: MODESTO, CA                       | 204                  | 220                  |
| PMSA: OAKLAND, CA                      | 217                  | 283                  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                           | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|-------------------------------------------|----------------------|----------------------|
| PMSA: OXNARD-VENTURA, CA                  | 172                  | 298                  |
| MSA: REDDING, CA                          | 137                  | 180                  |
| PMSA: RIVERSIDE-SAN BERNARDINO, CA        | 131                  | 207                  |
| MSA: SACRAMENTO, CA                       | 158                  | 188                  |
| MSA: SALINAS-SEASIDE-MONTEREY, CA         | 196                  | 246                  |
| MSA: SAN DIEGO, CA                        | 201                  | 253                  |
| PMSA: SAN FRANCISCO, CA                   | 233                  | 303                  |
| PMSA: SAN JOSE, CA                        | 276                  | 322                  |
| MSA: SANTA BARBARA-SANTA MARIA-LOMPOC, CA | 162                  | 246                  |
| PMSA: SANTA CRUZ, CA                      | 202                  | 253                  |
| PMSA: SANTA ROSA-PETALUMA, CA             | 202                  | 243                  |
| MSA: STOCKTON, CA                         | 204                  | 220                  |
| PMSA: VALLEJO-FAIRFIELD-NAPA, CA          | 211                  | 240                  |
| MSA: VISALIA-TULARE-PORTERVILLE, CA       | 137                  | 180                  |
| MSA: YUBA CITY, CA                        | 137                  | 180                  |
| EXCEPTION COUNTY: SAN LUIS OBI            | 187                  | 220                  |
| NON METRO STATE: COLORADO                 | N/A                  | N/A                  |
| PMSA: BOULDER-LONGMONT, CO                | 188                  | 216                  |
| MSA: COLORADO SPRINGS, CO                 | 129                  | 145                  |
| PMSA: DENVER, CO                          | 201                  | 231                  |
| MSA: FORT COLLINS-LOVELAND, CO            | 122                  | 137                  |
| MSA: GREELEY, CO                          | 122                  | 137                  |
| MSA: PUEBLO, CO                           | 122                  | 137                  |
| EXCEPTION COUNTY: ALAMOSA                 | 102                  | 122                  |
| EXCEPTION COUNTY: ARCHULETA               | 102                  | 122                  |
| EXCEPTION COUNTY: BACA                    | 102                  | 122                  |
| EXCEPTION COUNTY: BENT                    | 102                  | 122                  |
| EXCEPTION COUNTY: CHAFFEE                 | 122                  | 137                  |
| EXCEPTION COUNTY: CHEYENNE                | 102                  | 122                  |
| EXCEPTION COUNTY: CLEAR CREEK             | 122                  | 137                  |
| EXCEPTION COUNTY: CONEJOS                 | 102                  | 122                  |
| EXCEPTION COUNTY: COSTILLA                | 102                  | 122                  |
| EXCEPTION COUNTY: CROWLEY                 | 102                  | 122                  |
| EXCEPTION COUNTY: CUSTER                  | 122                  | 137                  |
| EXCEPTION COUNTY: DELTA                   | 122                  | 137                  |
| EXCEPTION COUNTY: DELORES                 | 122                  | 137                  |
| EXCEPTION COUNTY: EAGLE                   | 197                  | 220                  |
| EXCEPTION COUNTY: ELBERT                  | 102                  | 122                  |
| EXCEPTION COUNTY: FREMONT                 | 122                  | 137                  |
| EXCEPTION COUNTY: GARFIELD                | 197                  | 220                  |
| EXCEPTION COUNTY: GILPIN                  | 164                  | 189                  |
| EXCEPTION COUNTY: GRAND                   | 122                  | 137                  |
| EXCEPTION COUNTY: GUNNISON                | 122                  | 137                  |
| EXCEPTION COUNTY: HINSDALE                | 122                  | 137                  |

NOTE TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA. SEE SCHEDULE B



## SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|--------------------------------|----------------------|----------------------|
| EXCEPTION COUNTY: HUERFANO     | 102                  | 122                  |
| EXCEPTION COUNTY: JACKSON      | 122                  | 137                  |
| EXCEPTION COUNTY: KIOWA        | 102                  | 122                  |
| EXCEPTION COUNTY: KIT CARSON   | 102                  | 122                  |
| EXCEPTION COUNTY: LAKE         | 122                  | 137                  |
| EXCEPTION COUNTY: LA PLATA     | 122                  | 137                  |
| EXCEPTION COUNTY: LAS ANIMAS   | 102                  | 122                  |
| EXCEPTION COUNTY: LINCOLN      | 102                  | 122                  |
| EXCEPTION COUNTY: LOGAN        | 102                  | 122                  |
| EXCEPTION COUNTY: MESA         | 122                  | 137                  |
| EXCEPTION COUNTY: MINERAL      | 102                  | 122                  |
| EXCEPTION COUNTY: MOFFAT       | 197                  | 220                  |
| EXCEPTION COUNTY: MONTEZUMA    | 122                  | 137                  |
| EXCEPTION COUNTY: MONTROSE     | 122                  | 137                  |
| EXCEPTION COUNTY: MORGAN       | 102                  | 122                  |
| EXCEPTION COUNTY: OTERO        | 102                  | 122                  |
| EXCEPTION COUNTY: OURAY        | 122                  | 137                  |
| EXCEPTION COUNTY: PARK         | 122                  | 137                  |
| EXCEPTION COUNTY: PHILLIPS     | 102                  | 122                  |
| EXCEPTION COUNTY: PITKIN       | 197                  | 220                  |
| EXCEPTION COUNTY: PROWERS      | 102                  | 122                  |
| EXCEPTION COUNTY: RIO BLANCO   | 197                  | 220                  |
| EXCEPTION COUNTY: RIO GRANDE   | 102                  | 122                  |
| EXCEPTION COUNTY: ROUTT        | 197                  | 220                  |
| EXCEPTION COUNTY: SAGUACHE     | 102                  | 122                  |
| EXCEPTION COUNTY: SAN JUAN     | 122                  | 137                  |
| EXCEPTION COUNTY: SAN MIGUEL   | 122                  | 137                  |
| EXCEPTION COUNTY: SEDGWICK     | 102                  | 122                  |
| EXCEPTION COUNTY: SUMMIT       | 197                  | 220                  |
| EXCEPTION COUNTY: TELLER       | 102                  | 122                  |
| EXCEPTION COUNTY: WASHINGTON   | 102                  | 122                  |
| EXCEPTION COUNTY: YUMA         | 102                  | 122                  |
| NON METRO STATE: CONNECTICUT   | 124                  | 124                  |
| PMSA: BRIDGEPORT-MILFORD, CT   | 156                  | 156                  |
| PMSA: BRISTOL, CT              | 124                  | 124                  |
| PMSA: DANBURY, CT              | 119                  | 119                  |
| PMSA: HARTFORD, CT             | 135                  | 135                  |
| PMSA: MIDDLETOWN, CT           | 135                  | 135                  |
| PMSA: NEW BRITAIN, CT          | 135                  | 135                  |
| MSA: NEW HAVEN-MERIDEN, CT     | 121                  | 121                  |
| MSA: NEW LONDON-NORWICH, CT-RI | 115                  | 115                  |
| PMSA: NORWALK, CT              | 146                  | 146                  |
| PMSA: STAMFORD, CT             | 146                  | 146                  |
| MSA: WATERBURY, CT             | 124                  | 124                  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                                   | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|---------------------------------------------------|----------------------|----------------------|
| NON METRO STATE: DELAWARE                         | 65                   | 65                   |
| PMSA: WILMINGTON, DE-NJ-MD                        | 112                  | 112                  |
| NON METRO STATE: DIST. OF COLUMBIA                | 149                  | 149                  |
| MSA: WASHINGTON, DC-MD-VA                         | 152                  | 152                  |
| NON METRO STATE: FLORIDA                          | 80                   | 80                   |
| MSA: BRADENTON, FL                                | 115                  | 115                  |
| MSA: DAYTONA BEACH, FL                            | 102                  | 102                  |
| PMSA: FORT LAUDERDALE-HOLLYWOOD-POMPANO BEACH, FL | 168                  | 168                  |
| MSA: FORT MYERS-CAPE CORAL, FL                    | 107                  | 107                  |
| MSA: FORT PIERCE, FL                              | 78                   | 78                   |
| MSA: FORT WALTON BEACH, FL                        | 80                   | 80                   |
| MSA: GAINESVILLE, FL                              | 80                   | 80                   |
| MSA: JACKSONVILLE, FL                             | 74                   | 86                   |
| MSA: LAKELAND-WINTER HAVEN, FL                    | 80                   | 80                   |
| MSA: MELBOURNE-TITUSVILLE-PALM BAY, FL            | 94                   | 94                   |
| PMSA: MIAMI-HIALEAH, FL                           | 133                  | 133                  |
| MSA: NAPLES, FL                                   | 80                   | 80                   |
| MSA: OCALA, FL                                    | 80                   | 80                   |
| MSA: ORLANDO, FL                                  | 94                   | 94                   |
| MSA: PANAMA CITY, FL                              | 80                   | 80                   |
| MSA: PENSACOLA, FL                                | 80                   | 80                   |
| MSA: SARASOTA, FL                                 | 107                  | 107                  |
| MSA: TALLAHASSEE, FL                              | 74                   | 74                   |
| MSA: TAMPA-ST. PETERSBURG-CLEARWATER, FL          | 107                  | 107                  |
| MSA: WEST PALM BEACH-BOCA RATON-DELRAY BEACH, FL  | 135                  | 135                  |
| EXCEPTION COUNTY: BAKER                           | 72                   | 84                   |
| EXCEPTION COUNTY: WAKULLA                         | 72                   | 84                   |
| NON METRO STATE: GEORGIA                          | 58                   | 58                   |
| MSA: ALBANY, GA                                   | 51                   | 54                   |
| MSA: ATHENS, GA                                   | 58                   | 58                   |
| MSA: ATLANTA, GA                                  | 87                   | 93                   |
| MSA: AUGUSTA, GA-SC                               | 78                   | 80                   |
| MSA: CHATTANOOGA, TN-GA                           | 51                   | 74                   |
| MSA: COLUMBUS, GA-AL                              | 85                   | 94                   |
| MSA: MACON-WARNER ROBINS, GA                      | 52                   | 57                   |
| MSA: SAVANNAH, GA                                 | 65                   | 74                   |
| EXCEPTION COUNTY: BRYAN                           | 58                   | 64                   |
| EXCEPTION COUNTY: TWIGGS                          | 51                   | 56                   |
| NON METRO STATE: HAWAII                           | N/A                  | N/A                  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                          | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|------------------------------------------|----------------------|----------------------|
| MSA: HONOLULU, HI                        | N/A                  | N/A                  |
| NON METRO STATE: IDAHO                   | 102                  | 102                  |
| MSA: BOISE CITY, ID                      | 110                  | 128                  |
| NON METRO STATE: ILLINOIS                | 98                   | 105                  |
| PMSA: AURORA-ELGIN, IL                   | 187                  | 201                  |
| MSA: BLOOMINGTON-NORMAL, IL              | 110                  | 110                  |
| MSA: CHAMPAIGN-URBANA-RANTOUL, IL        | 90                   | 90                   |
| PMSA: CHICAGO, IL                        | 197                  | 211                  |
| MSA: DAVENPORT-ROCK ISLAND-MOLINE, IA-IL | 120                  | 126                  |
| MSA: DECATUR, IL                         | 120                  | 120                  |
| PMSA: JOLIET, IL                         | 197                  | 211                  |
| MSA: KANKAKEE, IL                        | 88                   | 88                   |
| PMSA: LAKE COUNTY, IL                    | 187                  | 201                  |
| MSA: PEORIA, IL                          | 162                  | 178                  |
| MSA: ROCKFORD, IL                        | 159                  | 170                  |
| MSA: ST. LOUIS, MO-IL                    | 92                   | 106                  |
| MSA: SPRINGFIELD, IL                     | 105                  | 112                  |
| NON METRO STATE: INDIANA                 | 54                   | 70                   |
| MSA: ANDERSON, IN                        | 60                   | 60                   |
| MSA: BLOOMINGTON, IN                     | 57                   | 57                   |
| PMSA: CINCINNATI, OH-KY-IN               | 103                  | 108                  |
| MSA: ELKHART-GOSHEN, IN                  | 78                   | 78                   |
| MSA: EVANSVILLE, IN-KY                   | 71                   | 76                   |
| MSA: FORT WAYNE, IN                      | 67                   | 90                   |
| PMSA: GARY-HAMMOND, IN                   | 95                   | 110                  |
| MSA: INDIANAPOLIS, IN                    | 84                   | 96                   |
| MSA: KOKOMO, IN                          | 78                   | 89                   |
| MSA: LAFAYETTE-WEST LAFAYETTE, IN        | 72                   | 106                  |
| MSA: LOUISVILLE, KY-IN                   | 76                   | 83                   |
| MSA: MUNCIE, IN                          | 58                   | 65                   |
| MSA: SOUTH BEND-MISHAWAKA, IN            | 89                   | 93                   |
| MSA: TERRE HAUTE, IN                     | 57                   | 70                   |
| EXCEPTION COUNTY: ADAMS                  | 57                   | 75                   |
| EXCEPTION COUNTY: BLACKFORD              | 61                   | 70                   |
| EXCEPTION COUNTY: GIBSON                 | 60                   | 70                   |
| EXCEPTION COUNTY: GRANT                  | 61                   | 70                   |
| EXCEPTION COUNTY: HENRY                  | 61                   | 70                   |
| EXCEPTION COUNTY: JAY                    | 61                   | 70                   |
| EXCEPTION COUNTY: MARSHALL               | 74                   | 78                   |
| EXCEPTION COUNTY: RANDOLPH               | 61                   | 70                   |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                          |  |  |  |
|------------------------------------------|--|--|--|
| EXCEPTION COUNTY: SULLIVAN               |  |  |  |
| EXCEPTION COUNTY: VERMILLION             |  |  |  |
| EXCEPTION COUNTY: WAYNE                  |  |  |  |
| EXCEPTION COUNTY: WELLS                  |  |  |  |
| NON METRO STATE: IOWA                    |  |  |  |
| MSA: CEDAR RAPIDS, IA                    |  |  |  |
| MSA: DAVENPORT-ROCK ISLAND-MOLINE, IA-IL |  |  |  |
| MSA: DES MOINES, IA                      |  |  |  |
| MSA: DUBUQUE, IA                         |  |  |  |
| MSA: IOWA CITY, IA                       |  |  |  |
| MSA: OMAHA, NE-IA                        |  |  |  |
| MSA: SIOUX CITY, IA-NE                   |  |  |  |
| MSA: WATERLOO-CEDAR FALLS, IA            |  |  |  |
| NON METRO STATE: KANSAS                  |  |  |  |
| MSA: KANSAS CITY, MO-KS                  |  |  |  |
| MSA: LAWRENCE, KS                        |  |  |  |
| MSA: TOPEKA, KS                          |  |  |  |
| MSA: WICHITA, KS                         |  |  |  |
| EXCEPTION COUNTY: JEFFERSON              |  |  |  |
| EXCEPTION COUNTY: OSAGE                  |  |  |  |
| NON METRO STATE: KENTUCKY                |  |  |  |
| PMSA: CINCINNATI, OH-KY-IN               |  |  |  |
| MSA: CLARKSVILLE-HOPKINSVILLE, TN-KY     |  |  |  |
| MSA: EVANSVILLE, IN-KY                   |  |  |  |
| MSA: HUNTINGTON-ASHLAND, WV-KY-OH        |  |  |  |
| MSA: LEXINGTON-FAYETTE, KY               |  |  |  |
| MSA: LOUISVILLE, KY-IN                   |  |  |  |
| MSA: OWENSBORO, KY                       |  |  |  |
| NON METRO STATE: LOUISIANA               |  |  |  |
| MSA: ALEXANDRIA, LA                      |  |  |  |
| MSA: BATON ROUGE, LA                     |  |  |  |
| MSA: HOUMA-THIBODAUX, LA                 |  |  |  |
| MSA: LAFAYETTE, LA                       |  |  |  |
| MSA: LAKE CHARLES, LA                    |  |  |  |
| MSA: MONROE, LA                          |  |  |  |
| MSA: NEW ORLEANS, LA                     |  |  |  |
| MSA: SHREVEPORT, LA                      |  |  |  |
| EXCEPTION COUNTY: GRANT                  |  |  |  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B

|  | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|--|----------------------|----------------------|
|  | 55                   | 66                   |
|  | 55                   | 66                   |
|  | 61                   | 70                   |
|  | 57                   | 75                   |
|  | 84                   | 91                   |
|  | 96                   | 112                  |
|  | 120                  | 126                  |
|  | 103                  | 110                  |
|  | 96                   | 118                  |
|  | 96                   | 110                  |
|  | 91                   | 105                  |
|  | 93                   | 93                   |
|  | 96                   | 112                  |
|  | 74                   | 84                   |
|  | 92                   | 112                  |
|  | 76                   | 87                   |
|  | 74                   | 84                   |
|  | 87                   | 92                   |
|  | 71                   | 81                   |
|  | 71                   | 81                   |
|  | 71                   | 77                   |
|  | 103                  | 108                  |
|  | 74                   | 80                   |
|  | 71                   | 76                   |
|  | 80                   | 80                   |
|  | 87                   | 100                  |
|  | 76                   | 83                   |
|  | 81                   | 96                   |
|  | 75                   | 87                   |
|  | 74                   | 86                   |
|  | 86                   | 102                  |
|  | 73                   | 85                   |
|  | 80                   | 94                   |
|  | 85                   | 100                  |
|  | 74                   | 86                   |
|  | 91                   | 105                  |
|  | 80                   | 94                   |
|  | 72                   | 84                   |



## SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                            | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|--------------------------------------------|----------------------|----------------------|
| EXCEPTION COUNTY: WEBSTER                  |                      |                      |
| NON METRO STATE: MAINE                     |                      |                      |
| MSA: BANGOR, ME                            | 75                   | 87                   |
| MSA: LEWISTON-AUBURN, ME                   | 110                  | 126                  |
| MSA: PORTLAND, ME                          | 110                  | 126                  |
| MSA: PORTSMOUTH-DOVER-ROCHESTER, NH-ME     | 110                  | 126                  |
| NON METRO STATE: MARYLAND                  |                      |                      |
| MSA: BALTIMORE, MD                         | 116                  | 116                  |
| MSA: CUMBERLAND, MD                        | 169                  | 169                  |
| MSA: HAGERSTOWN, MD                        | 116                  | 116                  |
| MSA: WASHINGTON, DC-MD-VA                  | 145                  | 145                  |
| PMSA: WILMINGTON, DE-NJ-MD                 | 152                  | 152                  |
| EXCEPTION COUNTY: ST MARYS                 | 112                  | 112                  |
|                                            | 158                  | 158                  |
| NON METRO STATE: MASSACHUSETTS             |                      |                      |
| PMSA: BOSTON, MA                           | 135                  | 135                  |
| PMSA: BROCKTON, MA                         | 127                  | 137                  |
| PMSA: FALL RIVER, MA-RI                    | 127                  | 127                  |
| MSA: FITCHBURG-LEOMINSTER, MA              | 84                   | 84                   |
| PMSA: LAWRENCE-HAVERHILL, MA-NH            | 101                  | 101                  |
| PMSA: LOWELL, MA-NH                        | 120                  | 128                  |
| MSA: NEW BEDFORD, MA                       | 120                  | 128                  |
| PMSA: PAWTUCKET-WOONSOCKET-ATTLEBORO RI-MA | 116                  | 116                  |
| MSA: PITTSFIELD, MA                        | 115                  | 115                  |
| PMSA: SALEM-GLOUCESTER, MA                 | 125                  | 125                  |
| MSA: SPRINGFIELD, MA                       | 127                  | 137                  |
| MSA: WORCESTER, MA                         | 99                   | 99                   |
|                                            | 87                   | 87                   |
| NON METRO STATE: MICHIGAN                  |                      |                      |
| PMSA: ANN ARBOR, MI                        | 105                  | 117                  |
| MSA: BATTLE CREEK, MI                      | 146                  | 158                  |
| MSA: BENTON HARBOR, MI                     | 91                   | 105                  |
| PMSA: DETROIT, MI                          | 105                  | 117                  |
| MSA: FLINT, MI                             | 143                  | 153                  |
| MSA: GRAND RAPIDS, MI                      | 128                  | 128                  |
| MSA: JACKSON, MI                           | 96                   | 104                  |
| MSA: KALAMAZOO, MI                         | 105                  | 105                  |
| MSA: LANSING-EAST LANSING, MI              | 111                  | 114                  |
| MSA: MUSKEGON, MI                          | 123                  | 142                  |
| MSA: SAGINAW-BAY CITY-MIDLAND, MI          | 96                   | 98                   |
|                                            | 112                  | 112                  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                  | SINGLE     |  | DOUBLE     |  |
|----------------------------------|------------|--|------------|--|
|                                  | WIDE SPACE |  | WIDE SPACE |  |
| EXCEPTION COUNTY: BARRY          | 87         |  | 100        |  |
| EXCEPTION COUNTY: IONIA          | 105        |  | 118        |  |
| EXCEPTION COUNTY: OCEANA         | 92         |  | 94         |  |
| EXCEPTION COUNTY: SHIAWASSEE     | 122        |  | 122        |  |
| EXCEPTION COUNTY: VAN BUREN      | 105        |  | 109        |  |
| NON METRO STATE: MINNESOTA       | 76         |  | 76         |  |
| MSA: DULUTH, MN-WI               | 78         |  | 88         |  |
| MSA: FARGO-MOORHEAD, ND-MN       | 118        |  | 134        |  |
| MSA: MINNEAPOLIS-ST. PAUL, MN-WI | 150        |  | 150        |  |
| MSA: ROCHESTER, MN               | 109        |  | 109        |  |
| MSA: ST. CLOUD, MN               | 96         |  | 96         |  |
| EXCEPTION COUNTY: POLK           | 116        |  | 131        |  |
| NON METRO STATE: MISSISSIPPI     | 75         |  | 87         |  |
| MSA: BILOXI-GULFPORT, MS         | 86         |  | 102        |  |
| MSA: JACKSON, MS                 | 94         |  | 115        |  |
| MSA: MEMPHIS, TN-AR-MS           | 86         |  | 86         |  |
| MSA: PASCAGOULA, MS              | 74         |  | 86         |  |
| EXCEPTION COUNTY: STONE          | 76         |  | 88         |  |
| NON METRO STATE: MISSOURI        | 59         |  | 66         |  |
| MSA: COLUMBIA, MO                | 84         |  | 91         |  |
| MSA: JOPLIN, MO                  | 59         |  | 66         |  |
| MSA: KANSAS CITY, MO-KS          | 92         |  | 112        |  |
| MSA: ST. JOSEPH, MO              | 87         |  | 93         |  |
| MSA: ST. LOUIS, MO-IL            | 92         |  | 106        |  |
| MSA: SPRINGFIELD, MO             | 61         |  | 67         |  |
| EXCEPTION COUNTY: ANDREW         | 82         |  | 89         |  |
| NON METRO STATE: MONTANA         | N/A        |  | N/A        |  |
| MSA: BILLINGS, MT                | 152        |  | 169        |  |
| MSA: GREAT FALLS, MT             | 129        |  | 145        |  |
| EXCEPTION COUNTY: BEAVERHEAD     | 122        |  | 137        |  |
| EXCEPTION COUNTY: BIG HORN       | 122        |  | 137        |  |
| EXCEPTION COUNTY: BLAINE         | 88         |  | 102        |  |
| EXCEPTION COUNTY: BROADWATER     | 122        |  | 137        |  |
| EXCEPTION COUNTY: CARBON         | 122        |  | 137        |  |
| EXCEPTION COUNTY: CARTER         | 88         |  | 102        |  |
| EXCEPTION COUNTY: CHOUTEAU       | 88         |  | 102        |  |
| EXCEPTION COUNTY: CUSTER         | 122        |  | 137        |  |
| EXCEPTION COUNTY: DANIELS        | 88         |  | 102        |  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



## SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|--------------------------------|----------------------|----------------------|
| EXCEPTION COUNTY: DAWSON       | 122                  | 137                  |
| EXCEPTION COUNTY: DEER LODGE   | 122                  | 137                  |
| EXCEPTION COUNTY: FALLON       | 88                   | 102                  |
| EXCEPTION COUNTY: FERGUS       | 88                   | 102                  |
| EXCEPTION COUNTY: FLATHEAD     | 122                  | 137                  |
| EXCEPTION COUNTY: GALLATIN     | 122                  | 137                  |
| EXCEPTION COUNTY: GARFIELD     | 88                   | 102                  |
| EXCEPTION COUNTY: GLACIER      | 88                   | 102                  |
| EXCEPTION COUNTY: GOLDEN VALLE | 88                   | 102                  |
| EXCEPTION COUNTY: GRANITE      | 122                  | 137                  |
| EXCEPTION COUNTY: HILL         | 88                   | 102                  |
| EXCEPTION COUNTY: JEFFERSON    | 122                  | 137                  |
| EXCEPTION COUNTY: JUDITH BASIN | 88                   | 102                  |
| EXCEPTION COUNTY: LAKE         | 122                  | 137                  |
| EXCEPTION COUNTY: LEWIS+ CLARK | 122                  | 137                  |
| EXCEPTION COUNTY: LIBERTY      | 88                   | 102                  |
| EXCEPTION COUNTY: LINCOLN      | 122                  | 137                  |
| EXCEPTION COUNTY: MCCONE       | 88                   | 102                  |
| EXCEPTION COUNTY: MADISON      | 122                  | 137                  |
| EXCEPTION COUNTY: MEAGHER      | 122                  | 137                  |
| EXCEPTION COUNTY: MINERAL      | 122                  | 137                  |
| EXCEPTION COUNTY: MISSOULA     | 122                  | 137                  |
| EXCEPTION COUNTY: MUSSELSHELL  | 122                  | 137                  |
| EXCEPTION COUNTY: PARK         | 122                  | 137                  |
| EXCEPTION COUNTY: PETROLEUM    | 88                   | 102                  |
| EXCEPTION COUNTY: PHILLIPS     | 88                   | 102                  |
| EXCEPTION COUNTY: PONDERA      | 88                   | 102                  |
| EXCEPTION COUNTY: POWDER RIVER | 122                  | 137                  |
| EXCEPTION COUNTY: POWELL       | 122                  | 137                  |
| EXCEPTION COUNTY: PRAIRIE      | 88                   | 102                  |
| EXCEPTION COUNTY: RAVALLI      | 122                  | 137                  |
| EXCEPTION COUNTY: RICHLAND     | 88                   | 102                  |
| EXCEPTION COUNTY: ROOSEVELT    | 88                   | 102                  |
| EXCEPTION COUNTY: ROSEBUD      | 122                  | 137                  |
| EXCEPTION COUNTY: SANDERS      | 122                  | 137                  |
| EXCEPTION COUNTY: SHERIDAN     | 88                   | 102                  |
| EXCEPTION COUNTY: SILVER BOW   | 122                  | 137                  |
| EXCEPTION COUNTY: STILLWATER   | 88                   | 102                  |
| EXCEPTION COUNTY: SWEET GRASS  | 88                   | 102                  |
| EXCEPTION COUNTY: TETON        | 88                   | 102                  |
| EXCEPTION COUNTY: TOOLE        | 88                   | 102                  |
| EXCEPTION COUNTY: TREASURE     | 122                  | 137                  |
| EXCEPTION COUNTY: VALLEY       | 88                   | 102                  |
| EXCEPTION COUNTY: WHEATLAND    | 88                   | 102                  |
| EXCEPTION COUNTY: WIBAUX       | 88                   | 102                  |
| EXCEPTION COUNTY: YL-ST-NT-PK  | 122                  | 137                  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



## SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                        | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|----------------------------------------|----------------------|----------------------|
| NON METRO STATE: NEBRASKA              |                      |                      |
| MSA: LINCOLN, NE                       | 77                   | 94                   |
| MSA: OMAHA, NE-IA                      | 104                  | 110                  |
| MSA: SIOUX CITY, IA-NE                 | 91                   | 105                  |
|                                        | 93                   | 93                   |
| NON METRO STATE: NEVADA                |                      |                      |
|                                        | 97                   | 112                  |
| MSA: LAS VEGAS, NV                     | 204                  | 228                  |
| MSA: RENO, NV                          | 204                  | 228                  |
| NON METRO STATE: NEW HAMPSHIRE         |                      |                      |
|                                        | 100                  | 110                  |
| PMSA: LAWRENCE-HAVERHILL, MA-NH        |                      |                      |
| PMSA: LOWELL, MA-NH                    | 120                  | 128                  |
| MSA: MANCHESTER, NH                    | 120                  | 128                  |
| PMSA: NASHUA, NH                       | 114                  | 124                  |
| MSA: PORTSMOUTH-DOVER-ROCHESTER, NH-ME | 137                  | 137                  |
|                                        | 110                  | 126                  |
| NON METRO STATE: NEW JERSEY            |                      |                      |
|                                        | 103                  | 103                  |
| MSA: ALLENTOWN-BETHLEHEM, PA-NJ        |                      |                      |
| MSA: ATLANTIC CITY, NJ                 | 101                  | 101                  |
| PMSA: BERGEN-PASSAIC, NJ               | 157                  | 157                  |
| PMSA: JERSEY CITY, NJ                  | 208                  | 209                  |
| PMSA: MIDDLESEX-SOMERSET-HUNTERDON, NJ | 201                  | 201                  |
| PMSA: MONMOUTH-OCEAN, NJ               | 236                  | 236                  |
| PMSA: NEWARK, NJ                       | 181                  | 219                  |
| PMSA: PHILADELPHIA, PA-NJ              | 195                  | 201                  |
| PMSA: TRENTON, NJ                      | 177                  | 177                  |
| PMSA: VINELAND-MILLVILLE-BRIDGETON, NJ | 157                  | 157                  |
| PMSA: WILMINGTON, DE-NJ-MD             | 138                  | 138                  |
|                                        | 112                  | 112                  |
| NON METRO STATE: NEW MEXICO            |                      |                      |
|                                        | 92                   | 105                  |
| MSA: LAS CRUCES, NM                    |                      |                      |
| MSA: ALBUQUERQUE, NM                   | 92                   | 105                  |
| MSA: SANTA FE, NM                      | 102                  | 118                  |
| EXCEPTION COUNTY: SANDOVAL             | 92                   | 105                  |
|                                        | 97                   | 110                  |
| NON METRO STATE: NEW YORK              |                      |                      |
|                                        | 119                  | 119                  |
| MSA: ALBANY-SCHENECTADY-TROY, NY       |                      |                      |
| MSA: BINGHAMTON, NY                    | 137                  | 137                  |
| PMSA: BUFFALO, NY                      | 89                   | 89                   |
| MSA: ELMIRA, NY                        | 112                  | 112                  |
|                                        | 95                   | 95                   |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



## SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                                | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|------------------------------------------------|----------------------|----------------------|
| MSA: GLENS FALLS, NY                           | 119                  | 119                  |
| PMSA: NASSAU-SUFFOLK, NY                       | 159                  | 205                  |
| PMSA: NEW YORK, NY                             | 165                  | 165                  |
| PMSA: NIAGARA FALLS, NY                        | 108                  | 108                  |
| PMSA: ORANGE COUNTY, NY                        | 114                  | 114                  |
| MSA: POUGHKEEPSIE, NY                          | 153                  | 153                  |
| MSA: ROCHESTER, NY                             | 135                  | 135                  |
| MSA: SYRACUSE, NY                              | 110                  | 110                  |
| MSA: UTICA-ROME, NY                            | 101                  | 101                  |
| NON METRO STATE: NORTH CAROLINA                | 52                   | 65                   |
| MSA: ASHEVILLE, NC                             | 74                   | 86                   |
| MSA: BURLINGTON, NC                            | 74                   | 86                   |
| MSA: CHARLOTTE-GASTONIA-ROCK HILL, NC-SC       | 74                   | 86                   |
| MSA: FAYETTEVILLE, NC                          | 74                   | 86                   |
| MSA: GREENSBORO--WINSTON-SALEM--HIGH POINT, NC | 74                   | 86                   |
| MSA: HICKORY, NC                               | 52                   | 65                   |
| MSA: JACKSONVILLE, NC                          | 52                   | 65                   |
| MSA: RALEIGH-DURHAM, NC                        | 74                   | 86                   |
| MSA: WILMINGTON, NC                            | 74                   | 86                   |
| EXCEPTION COUNTY: BRUNSWICK                    | 64                   | 76                   |
| EXCEPTION COUNTY: CURRITUCK                    | 101                  | 101                  |
| EXCEPTION COUNTY: MADISON                      | 64                   | 76                   |
| NON METRO STATE: NORTH DAKOTA                  | 95                   | 110                  |
| MSA: BISMARCK, ND                              | 135                  | 149                  |
| MSA: FARGO-MOORHEAD, ND-MN                     | 118                  | 134                  |
| MSA: GRAND FORKS, ND                           | 103                  | 127                  |
| NON METRO STATE: OHIO                          | 69                   | 69                   |
| PMSA: AKRON, OH                                | 103                  | 103                  |
| MSA: CANTON, OH                                | 74                   | 74                   |
| PMSA: CINCINNATI, OH-KY-IN                     | 103                  | 108                  |
| PMSA: CLEVELAND, OH                            | 111                  | 111                  |
| MSA: COLUMBUS, OH                              | 96                   | 112                  |
| MSA: DAYTON-SPRINGFIELD, OH                    | 74                   | 74                   |
| PMSA: HAMILTON-MIDDLETOWN, OH                  | 83                   | 86                   |
| MSA: HUNTINGTON-ASHLAND, WV-KY-OH              | 80                   | 80                   |
| MSA: LIMA, OH                                  | 96                   | 96                   |
| PMSA: LORAIN-ELYRIA, OH                        | 118                  | 118                  |
| MSA: MANSFIELD, OH                             | 91                   | 91                   |
| MSA: PARKERSBURG-MARIETTA, WV-OH               | 80                   | 80                   |
| MSA: STEUBENVILLE-WEIRTON, OH-WV               | 72                   | 72                   |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



|                                      | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|--------------------------------------|----------------------|----------------------|
| MSA: TOLEDO, OH                      | 120                  | 162                  |
| MSA: WHEELING, WV-OH                 | 74                   | 74                   |
| MSA: YOUNGSTOWN-WARREN, OH           | 91                   | 91                   |
| EXCEPTION COUNTY: CHAMPAIGN          | 69                   | 78                   |
| EXCEPTION COUNTY: OTTAWA             | 100                  | 134                  |
| EXCEPTION COUNTY: PREBLE             | 69                   | 69                   |
| EXCEPTION COUNTY: PUTNAM             | 81                   | 81                   |
| EXCEPTION COUNTY: VAN WERT           | 81                   | 81                   |
| NON METRO STATE: OKLAHOMA            | 72                   | 78                   |
| MSA: ENID, OK                        | 72                   | 78                   |
| MSA: FORT SMITH, AR-OK               | 34                   | 37                   |
| MSA: LAWTON, OK                      | 73                   | 80                   |
| MSA: OKLAHOMA CITY, OK               | 75                   | 83                   |
| MSA: TULSA, OK                       | 80                   | 86                   |
| EXCEPTION COUNTY: LE FLORE           | 33                   | 36                   |
| EXCEPTION COUNTY: MAYES              | 72                   | 78                   |
| NON METRO STATE: OREGON              | 130                  | 137                  |
| MSA: EUGENE-SPRINGFIELD, OR          | 152                  | 157                  |
| MSA: MEDFORD, OR                     | 130                  | 137                  |
| PMSA: PORTLAND, OR                   | 174                  | 193                  |
| MSA: SALEM, OR                       | 152                  | 157                  |
| NON METRO STATE: PENNSYLVANIA        | 71                   | 71                   |
| MSA: ALLENTOWN-BETHLEHEM, PA-NJ      | 101                  | 101                  |
| MSA: ALTOONA, PA                     | 92                   | 92                   |
| PMSA: BEAVER COUNTY, PA              | 83                   | 83                   |
| MSA: ERIE, PA                        | 92                   | 92                   |
| MSA: HARRISBURG-LEBANON-CARLISLE, PA | 104                  | 104                  |
| MSA: JOHNSTOWN, PA                   | 92                   | 92                   |
| MSA: LANCASTER, PA                   | 96                   | 96                   |
| PMSA: PHILADELPHIA, PA-NJ            | 177                  | 177                  |
| PMSA: PITTSBURGH, PA                 | 86                   | 86                   |
| MSA: READING, PA                     | 96                   | 96                   |
| MSA: SCRANTON--WILKES-BARRE, PA      | 89                   | 89                   |
| MSA: SHARON, PA                      | 71                   | 71                   |
| MSA: STATE COLLEGE, PA               | 71                   | 71                   |
| MSA: WILLIAMSPORT, PA                | 71                   | 71                   |
| MSA: YORK, PA                        | 96                   | 96                   |
| EXCEPTION COUNTY: SUSQUEHANNA        | 71                   | 71                   |
| NON METRO STATE: RHODE ISLAND        | 110                  | 110                  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



## SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                             | SINGLE     |  | DOUBLE     |  |
|---------------------------------------------|------------|--|------------|--|
|                                             | WIDE SPACE |  | WIDE SPACE |  |
| PMSA: FALL RIVER, MA-RI                     | 84         |  | 84         |  |
| MSA: NEW LONDON-NORWICH, CT-RI              | 115        |  | 115        |  |
| PMSA: PAWTUCKET-WOONSOCKET-ATTLEBORO, RI-MA | 115        |  | 115        |  |
| PMSA: PROVIDENCE, RI                        | 115        |  | 115        |  |
| NON METRO STATE: SOUTH CAROLINA             | 58         |  | 58         |  |
| MSA: ANDERSON, SC                           | 58         |  | 58         |  |
| MSA: AUGUSTA, GA-SC                         | 78         |  | 80         |  |
| MSA: CHARLESTON, SC                         | 74         |  | 74         |  |
| MSA: CHARLOTTE-GASTONIA-ROCK HILL, NC-SC    | 74         |  | 86         |  |
| MSA: COLUMBIA, SC                           | 65         |  | 74         |  |
| MSA: FLORENCE, SC                           | 58         |  | 58         |  |
| MSA: GREENVILLE-SPARTANBURG, SC             | 65         |  | 65         |  |
| NON METRO STATE: SOUTH DAKOTA               | 81         |  | 95         |  |
| MSA: RAPID CITY, SD                         | 81         |  | 95         |  |
| MSA: SIOUX FALLS, SD                        | 114        |  | 128        |  |
| NON METRO STATE: TENNESSEE                  | 58         |  | 58         |  |
| MSA: CHATTANOOGA, TN-GA                     | 51         |  | 74         |  |
| MSA: CLARKSVILLE-HOPKINSVILLE, TN-KY        | 74         |  | 80         |  |
| MSA: JACKSON, TN                            | 58         |  | 58         |  |
| MSA: JOHNSON CITY-KINGSFORT-BRISTOL, TN-VA  | 80         |  | 80         |  |
| MSA: KNOXVILLE, TN                          | 65         |  | 65         |  |
| MSA: MEMPHIS, TN-AR-MS                      | 86         |  | 86         |  |
| MSA: NASHVILLE, TN                          | 86         |  | 102        |  |
| NON METRO STATE: TEXAS                      | 63         |  | 78         |  |
| NON METRO STATE: TEXAS                      | 63         |  | 78         |  |
| MSA: ABILENE, TX                            | 54         |  | 61         |  |
| MSA: AMARILLO, TX                           | 100        |  | 105        |  |
| MSA: AUSTIN, TX                             | 91         |  | 107        |  |
| MSA: BEAUMONT-PORT ARTHUR, TX               | 94         |  | 107        |  |
| PMSA: BRAZORIA, TX                          | 108        |  | 126        |  |
| MSA: BROWNSVILLE-HARLINGEN, TX              | 74         |  | 86         |  |
| MSA: BRYAN-COLLEGE STATION, TX              | 91         |  | 102        |  |
| MSA: CORPUS CHRISTI, TX                     | 78         |  | 102        |  |
| PMSA: DALLAS, TX                            | 80         |  | 102        |  |
| MSA: EL PASO, TX                            | 104        |  | 118        |  |
| PMSA: FORT WORTH-ARLINGTON, TX              | 80         |  | 102        |  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                    | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|------------------------------------|----------------------|----------------------|
| PMSA: GALVESTON-TEXAS CITY, TX     |                      |                      |
| PMSA: HOUSTON, TX                  | 105                  | 118                  |
| MSA: KILLEEN-TEMPLE, TX            | 112                  | 131                  |
| MSA: LAREDO, TX                    | 94                   | 102                  |
| MSA: LONGVIEW-MARSHALL, TX         | 65                   | 80                   |
| MSA: LUBBOCK, TX                   | 86                   | 99                   |
| MSA: MC ALLEN-EDINBURG-MISSION, TX | 99                   | 102                  |
| MSA: MIDLAND, TX                   | 85                   | 102                  |
| MSA: ODESSA, TX                    | 102                  | 107                  |
| MSA: SAN ANGELO, TX                | 102                  | 107                  |
| MSA: SAN ANTONIO, TX               | 86                   | 94                   |
| MSA: SHERMAN-DENISON, TX           | 74                   | 86                   |
| MSA: TEXARKANA, TX-TEXARKANA, AR   | 80                   | 94                   |
| MSA: TYLER, TX                     | 102                  | 115                  |
| MSA: VICTORIA, TX                  | 80                   | 84                   |
| MSA: WACO, TX                      | 63                   | 78                   |
| MSA: WICHITA FALLS, TX             | 83                   | 94                   |
| EXCEPTION COUNTY: CALLAHAN         | 58                   | 65                   |
| EXCEPTION COUNTY: CLAY             | 53                   | 59                   |
| EXCEPTION COUNTY: HOOD             | 57                   | 63                   |
| EXCEPTION COUNTY: JONES            | 70                   | 88                   |
| EXCEPTION COUNTY: WISE             | 53                   | 59                   |
|                                    | 70                   | 88                   |
| NON METRO STATE: UTAH              | N/A                  | N/A                  |
| MSA: PROVO-OREM, UT                | 122                  | 137                  |
| MSA: SALT LAKE CITY-OGDEN, UT      | 137                  | 152                  |
| EXCEPTION COUNTY: BEAVER           | 88                   | 102                  |
| EXCEPTION COUNTY: BOX ELDER        | 88                   | 102                  |
| EXCEPTION COUNTY: CACHE            | 88                   | 102                  |
| EXCEPTION COUNTY: CARBON           | 122                  | 137                  |
| EXCEPTION COUNTY: DAGGETT          | 88                   | 102                  |
| EXCEPTION COUNTY: DUCHESNE         | 88                   | 102                  |
| EXCEPTION COUNTY: EMERY            | 122                  | 137                  |
| EXCEPTION COUNTY: GARFIELD         | 88                   | 102                  |
| EXCEPTION COUNTY: GRAND            | 122                  | 137                  |
| EXCEPTION COUNTY: IRON             | 88                   | 102                  |
| EXCEPTION COUNTY: JUAB             | 88                   | 102                  |
| EXCEPTION COUNTY: KANE             | 88                   | 102                  |
| EXCEPTION COUNTY: MILLARD          | 88                   | 102                  |
| EXCEPTION COUNTY: MORGAN           | 88                   | 102                  |
| EXCEPTION COUNTY: PIUTE            | 88                   | 102                  |
| EXCEPTION COUNTY: RICH             | 88                   | 102                  |
| EXCEPTION COUNTY: SAN JUAN         | 88                   | 102                  |
| EXCEPTION COUNTY: SANPETE          | 88                   | 102                  |
| EXCEPTION COUNTY: SEVIER           | 88                   | 102                  |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



## SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                              | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|----------------------------------------------|----------------------|----------------------|
| EXCEPTION COUNTY: SUMMIT                     | 88                   | 102                  |
| EXCEPTION COUNTY: TOOELE                     | 108                  | 120                  |
| EXCEPTION COUNTY: UINTAH                     | 122                  | 137                  |
| EXCEPTION COUNTY: WASATCH                    | 88                   | 102                  |
| EXCEPTION COUNTY: WASHINGTON                 | 88                   | 102                  |
| EXCEPTION COUNTY: WAYNE                      | 88                   | 102                  |
| NON METRO STATE: VERMONT                     | 103                  | 119                  |
| MSA: BURLINGTON, VT                          | 103                  | 119                  |
| NON METRO STATE: VIRGINIA                    | 83                   | 83                   |
| MSA: CHARLOTTESVILLE, VA                     | 83                   | 83                   |
| MSA: DANVILLE, VA                            | 83                   | 83                   |
| MSA: JOHNSON CITY-KINGSPOUR-BRISTOL, TN-VA   | 80                   | 80                   |
| MSA: LYNCHBURG, VA                           | 74                   | 74                   |
| MSA: NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA | 117                  | 117                  |
| MSA: RICHMOND-PETERSBURG, VA                 | 115                  | 115                  |
| MSA: ROANOKE, VA                             | 80                   | 80                   |
| MSA: WASHINGTON, DC-MD-VA                    | 152                  | 152                  |
| EXCEPTION COUNTY: APPOMATTOX                 | 72                   | 72                   |
| EXCEPTION COUNTY: CRAIG                      | 78                   | 78                   |
| NON METRO STATE: WASHINGTON                  | 112                  | 130                  |
| MSA: BELLINGHAM, WA                          | 112                  | 144                  |
| MSA: BREMERTON, WA                           | 112                  | 144                  |
| MSA: OLYMPIA, WA                             | 112                  | 144                  |
| MSA: RICHLAND-KENNEWICK-PASCO, WA            | 152                  | 152                  |
| PMSA: SEATTLE, WA                            | 143                  | 202                  |
| MSA: SPOKANE, WA                             | 122                  | 137                  |
| PMSA: TACOMA, WA                             | 128                  | 151                  |
| PMSA: VANCOUVER, WA                          | 162                  | 179                  |
| MSA: YAKIMA, WA                              | 122                  | 129                  |
| NON METRO STATE: WEST VIRGINIA               | 80                   | 80                   |
| MSA: CHARLESTON, WV                          | 86                   | 86                   |
| MSA: CUMBERLAND, MD-WV                       | 116                  | 116                  |
| MSA: HUNTINGTON-ASHLAND, WV-KY-OH            | 80                   | 80                   |
| MSA: PARKERSBURG-MARIETTA, WV-OH             | 80                   | 80                   |
| MSA: STEUBENVILLE-WEIRTON, OH-WV             | 72                   | 72                   |
| MSA: WHEELING, WV-OH                         | 74                   | 74                   |
| EXCEPTION COUNTY: WIRT                       | 78                   | 78                   |
| NON METRO STATE: WISCONSIN                   | 84                   | 91                   |

NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B



SCHEDULE D- FAIR MARKET RENTS FOR MANUFACTURED HOME SPACES (SECTION 8 EXISTING HOUSING PROGRAM) 100786

|                                  | SINGLE<br>WIDE SPACE | DOUBLE<br>WIDE SPACE |
|----------------------------------|----------------------|----------------------|
| MSA: APPLETON-OSHKOSH-NEENAH, WI | 105                  | 112                  |
| MSA: DULUTH, MN-WI               | 78                   | 88                   |
| MSA: EAU CLAIRE, WI              | 98                   | 106                  |
| MSA: GREEN BAY, WI               | 103                  | 110                  |
| MSA: JANESVILLE-BELOIT, WI       | 103                  | 110                  |
| PMSA: KENOSHA, WI                | 109                  | 116                  |
| MSA: LA CROSSE, WI               | 93                   | 101                  |
| MSA: MADISON, WI                 | 155                  | 161                  |
| PMSA: MILWAUKEE, WI              | 120                  | 126                  |
| MSA: MINNEAPOLIS-ST. PAUL, MN-WI | 150                  | 150                  |
| PMSA: RACINE, WI                 | 112                  | 119                  |
| MSA: SHEBOYGAN, WI               | 84                   | 91                   |
| MSA: WAUSAU, WI                  | 84                   | 91                   |
| NON METRO STATE: WYOMING         | N/A                  | N/A                  |
| MSA: CASPER, WY                  | 204                  | 220                  |
| MSA: CHEYENNE, WY                | 122                  | 146                  |
| EXCEPTION COUNTY: ALBANY         | 122                  | 146                  |
| EXCEPTION COUNTY: BIG HORN       | 122                  | 146                  |
| EXCEPTION COUNTY: CAMPBELL       | 122                  | 146                  |
| EXCEPTION COUNTY: CARBON         | 204                  | 220                  |
| EXCEPTION COUNTY: CONVERSE       | 204                  | 220                  |
| EXCEPTION COUNTY: CROOK          | 122                  | 146                  |
| EXCEPTION COUNTY: FREMONT        | 204                  | 220                  |
| EXCEPTION COUNTY: GOSHEN         | 122                  | 146                  |
| EXCEPTION COUNTY: HOT SPRINGS    | 122                  | 146                  |
| EXCEPTION COUNTY: JOHNSON        | 122                  | 146                  |
| EXCEPTION COUNTY: LARAMIE        | 122                  | 146                  |
| EXCEPTION COUNTY: LINCOLN        | 122                  | 146                  |
| EXCEPTION COUNTY: PARK           | 122                  | 146                  |
| EXCEPTION COUNTY: PLATTE         | 122                  | 146                  |
| EXCEPTION COUNTY: SHERIDAN       | 204                  | 220                  |
| EXCEPTION COUNTY: SUBLETTE       | 122                  | 146                  |
| EXCEPTION COUNTY: SWEETWATER     | 204                  | 220                  |
| EXCEPTION COUNTY: TETON          | 122                  | 146                  |
| EXCEPTION COUNTY: UTAH           | 122                  | 146                  |
| EXCEPTION COUNTY: WASHAKIE       | 122                  | 146                  |
| EXCEPTION COUNTY: WESTON         | 122                  | 146                  |

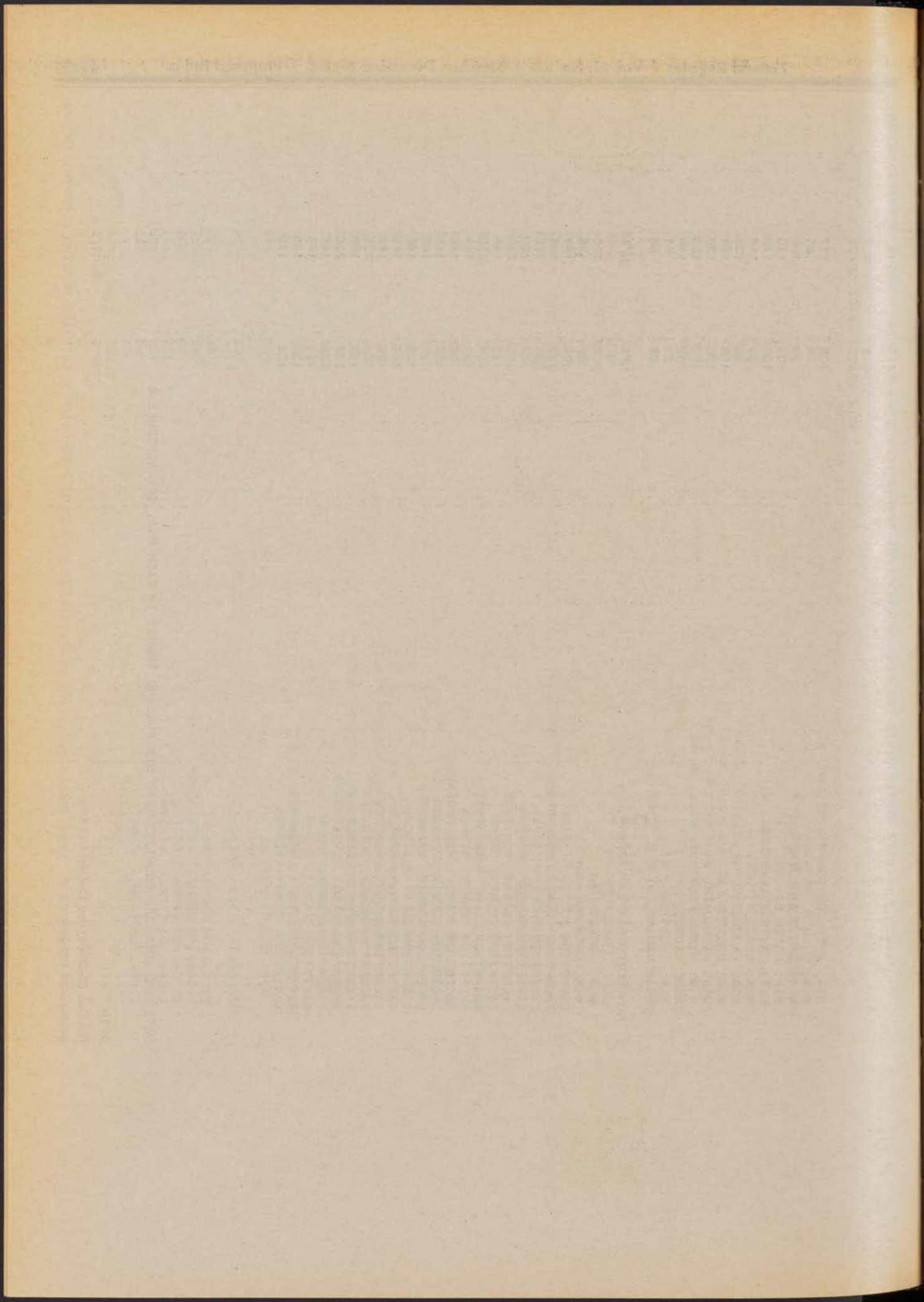
NOTE: TO IDENTIFY COUNTIES (AND NEW ENGLAND TOWNS) IN EACH MSA, SEE SCHEDULE B

eFIN

[FR Doc. 86-27506 Filed 12-5-86; 8:45 am]

BILLING CODE 4210-27-C







# Federal Register

Monday  
December 8, 1986

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## Part IV

### General Services Administration

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41 CFR Part 101-20  
Smoking Regulations; Final Rule



## GENERAL SERVICES ADMINISTRATION

### 41 CFR Part 101-20

[FPMR Amendment D-85]

### Smoking Regulations

**AGENCY:** Public Buildings Service, GSA.

**ACTION:** Final rule.

**SUMMARY:** This regulation provides for revised smoking regulations in buildings controlled by GSA.

Numerous studies have concluded that smoking adversely affects the health of those persons "passively" exposed to tobacco smoke. In view of these findings and in the interest of protecting Federal employee health and well being, GSA proposed regulations to protect the non-smoking worker's and public building visitor's right not to be exposed involuntarily to secondhand tobacco smoke at the Federal work site. The proposed regulations also recognized the needs of those who smoke and permitted the designation of smoking areas. These areas were proposed to allow those who smoke to continue to do so conveniently and without affecting productivity. Hence, the policy attempted to recognize the rights, needs, and concerns of all employees.

The proposed regulations were designated to improve the overall quality of GSA-controlled space and to assure the health and safety of Federal employees and the visiting public. The General Services Administration received numerous comments on the proposed regulations. The comments were from the general public as well as from special interest groups, Government employees, unions, and Government agencies. All comments were considered.

General Service Administration believes the final regulations are responsive to the concerns raised by employee representatives, agencies, and the public.

**EFFECTIVE DATE:** February 6, 1987.

**FOR FURTHER INFORMATION CONTACT:** Robert Diluchio, (202) 566-0971.

**SUPPLEMENTARY INFORMATION:** The General Services Administration has determined that this rule is not a major rule for the purposes of E.O. 12291 of February 17, 1981, because it is not likely to result in an annual effect on the economy of \$100 million or more; a major increase in costs to consumers or others; or significant adverse effects. Therefore, a Regulatory Impact Analysis has not been prepared. GSA has based all administrative decisions underlying

this rule on adequate information concerning the need for, and the consequences of, this rule; has determined that the potential benefits to society from this rule outweigh the potential costs and has maximized the net benefits; and has chosen the alternative approach involving the least net cost to society.

#### List of Subjects in 41 CFR Part 101-20

Smoking, Federal building and facilities.

Title 41, Part 101-20 of the Code of Federal Regulations is amended as follows:

#### PART 101-20—MANAGEMENT OF BUILDINGS AND GROUNDS

1. The authority citation for Part 101-20 continues to read as follows:

Authority: Sec. 205(c), 63 Stat. 390; 40 U.S.C. 486(c).

#### Subpart 101-20.1—Building Operations, Maintenance, Protection, and Alterations

2. Section 101-20.109-10 is revised to read as follows:

##### § 101-20.109-10 Regulation of smoking.

(a) Regulations for controlling smoking in GSA-controlled buildings and facilities, including leased space and delegated facilities, are set forth below. Smoking is defined as a lighted cigar, cigarette, pipe, or any other lit tobacco product. These regulations reflect the following considerations:

(1) In recognition of the increased health hazards of passive smoke on the non-smoker, smoking is to be held to an absolute minimum in areas where there are non-smokers.

(2) In recognition of the needs of smokers, smoking areas should be designated in Federal buildings which are convenient, do not negatively impact worker productivity, and do not impinge on the health of those who do not smoke.

(3) Agency heads are to be given the responsibility to determine which areas are to be smoking areas and which areas are to be non-smoking areas. In exercising this responsibility, agency heads are to give appropriate consideration to the views of the employees affected and/or their representatives and are to take fully into consideration the health issues involved.

**Note.**—Agencies are encouraged to develop additional guidelines for internal use for action when violations of these regulations occur. Nothing in these regulations precludes an agency from establishing more stringent guidelines. For purposes of these regulations, general office space is defined as space

occupied by personnel performing their daily work functions; this includes, but is not limited to: ADP areas, mail rooms, file rooms, duplicating areas, court and jury rooms, office space, etc.

(b) Smoking is prohibited in the following areas:

(1) General office space, except as permitted under (c)(2)(iii) of this section;

(2) Auditoriums, classrooms, and conference rooms;

(3) Elevators ("No Smoking" signs shall be posted in elevators and adequate receptacles shall be placed outside the entrances if designated as a smoking area);

(4) Corridors, lobbies, restrooms, and stairways, except as permitted under (c)(2)(iv) of this section;

(5) Medical care facilities such as medical clinics and units;

(6) Libraries; and

(7) Hazardous areas. Each agency shall post and enforce "No Smoking" rules in any location under its jurisdiction which involves flammable liquids, flammable gases, or flammable vapors, or in all other locations where there is a collection of readily ignitable, combustible materials.

(c) Designated smoking areas shall be established as follows:

(1) Smoking areas in cafeterias.

(i) Each agency head shall establish "smoking areas" in cafeterias.

(ii) The areas designated shall be based upon an estimate of the number of smoking and non-smoking patrons served. This may be adjusted on the basis of local experience. The designated "smoking" areas shall be identified by appropriate signs.

(2) "Designated smoking areas" established by agency heads.

(i) Agency heads shall establish "designated smoking areas" except those areas set forth under paragraph (a) of this section. Agency Heads will be responsible for monitoring and controlling these areas, and for ensuring that "designated smoking areas" are identified by proper signs. Suitable uniform signs reading "Designated Smoking Area" shall be furnished and installed by the agency.

(ii) Agencies in multi-tenant buildings are encouraged to work together to identify "designated smoking areas".

(iii) Office space may be designated as a smoking area provided that the office space is configured so as to limit the involuntary exposure of non-smokers to secondhand smoke to a minimum; e.g., the office space involved must be large enough and sufficiently ventilated to provide separate smoking and non-smoking sections which protect



the non-smokers against involuntary exposure to smoke.

(iv) An agency head may designate corridors, lobbies, or restrooms as smoking areas when it is not possible to designate a sufficient number of other smoking areas.

(d) Agencies are responsible for providing adequate ash-trays or receptacles in the designated smoking areas.

(e) Suitable uniform signs reading "No Smoking Except in Designated Areas" shall be placed on or near entrance doors of buildings subject to these regulations. These signs shall be furnished and installed by the GSA

Buildings Manager in buildings managed by GSA. It should not be necessary to display a sign in every room of each building.

(f) An agency is not required by this regulation to make any expenditures for structural or non-structural changes to accommodate the preferences of non-smoking employees.

(g) Prior to implementation of this regulation, where there is an exclusive representative for the employees, the agency shall meet its obligations under 5 U.S.C. Ch. 71. In all other cases, agencies should consult directly with employees.

(h) In accordance with the Federal Acquisition Regulation, Part 8, the mandatory source of supply for the purchase of the aforementioned signs is UNICOR, Federal Prison Industries, Inc. (FPI). Prior approval from FPI is required before using any other source of supply. Purchase Orders should be submitted to: UNICOR, Federal Prison Industries, Inc., 320 First Street NW., Washington, DC 20534, (202) 724-8239.

Dated: December 4, 1986.

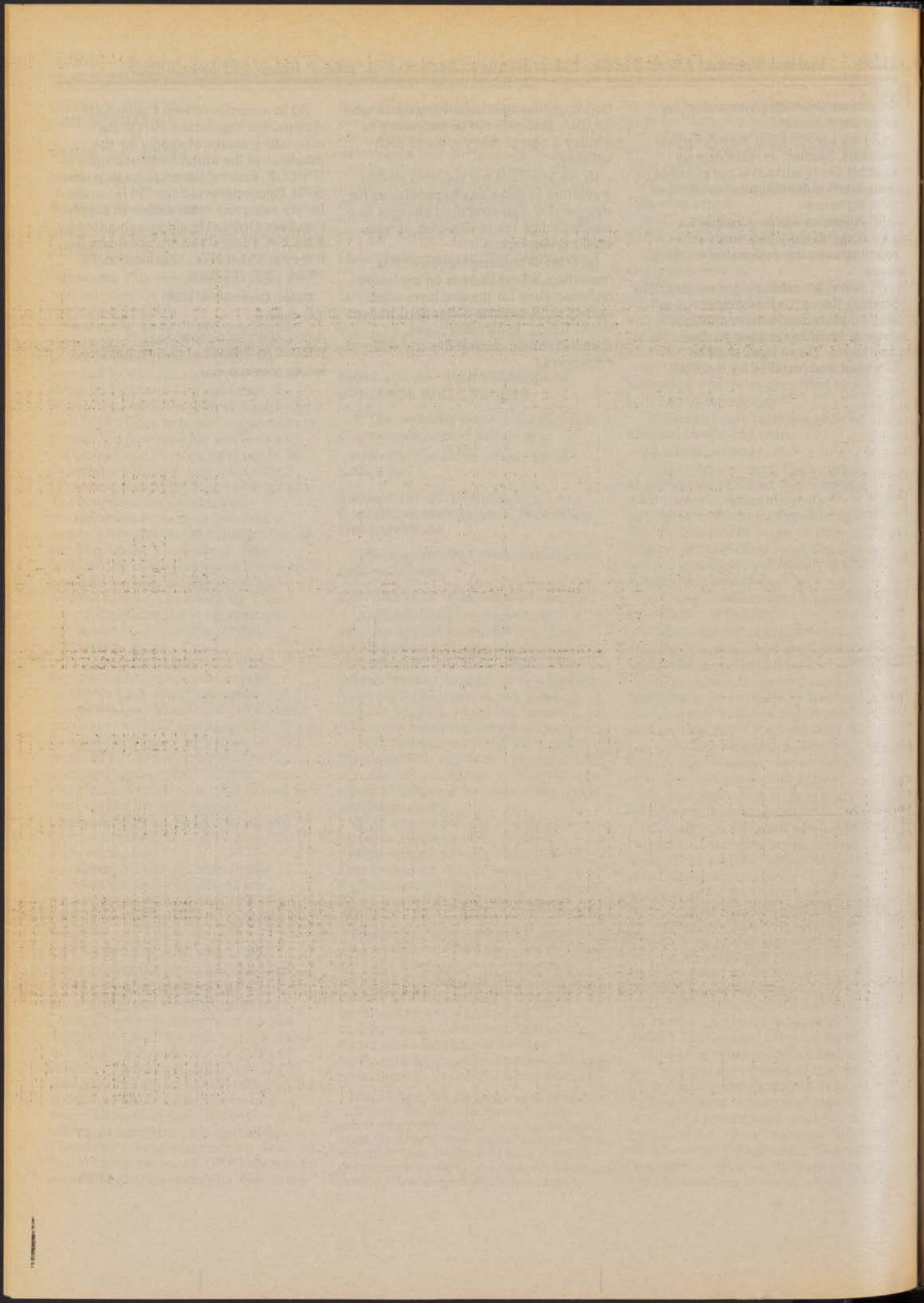
T.C. Golden,

*Administrator of General Services.*

[FR Doc. 86-27664 Filed 12-5-86; 9:32 am]

BILLING CODE 6820-23-M







# Reader Aids

Federal Register

Vol. 51, No. 235

Monday, December 8, 1986

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|                                              |          |
|----------------------------------------------|----------|
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| Document drafting information                | 523-5237 |
| Legal staff                                  | 523-4534 |
| Machine readable documents, specifications   | 523-3408 |

#### Code of Federal Regulations

|                                              |          |
|----------------------------------------------|----------|
| General information, index, and finding aids | 523-5227 |
| Printing schedules and pricing information   | 523-3419 |

|      |          |
|------|----------|
| Laws | 523-5230 |
|------|----------|

#### Presidential Documents

|                                              |          |
|----------------------------------------------|----------|
| Executive orders and proclamations           | 523-5230 |
| Public Papers of the President               | 523-5230 |
| Weekly Compilation of Presidential Documents | 523-5230 |

|                                 |          |
|---------------------------------|----------|
| United States Government Manual | 523-5230 |
|---------------------------------|----------|

#### Other Services

|                         |          |
|-------------------------|----------|
| Library                 | 523-5240 |
| Privacy Act Compilation | 523-4534 |
| TDD for the deaf        | 523-5229 |

## FEDERAL REGISTER PAGES AND DATES, DECEMBER

|             |   |
|-------------|---|
| 43167-43336 | 1 |
| 43337-43578 | 2 |
| 43579-43720 | 3 |
| 43721-43860 | 4 |
| 43861-44032 | 5 |
| 44033-44260 | 8 |

## CFR PARTS AFFECTED DURING DECEMBER

At the end of each month, the Office of the Federal Register publishes separately a List of CFR Sections Affected (LSA), which lists parts and sections affected by documents published since the revision date of each title.

### 3 CFR

|                          |       |
|--------------------------|-------|
| <b>Proclamations:</b>    |       |
| 5579                     | 43167 |
| 5580                     | 43861 |
| 5581                     | 43863 |
| 5582                     | 43865 |
| 5583                     | 43867 |
| 5584                     | 43869 |
| <b>Executive Orders:</b> |       |
| 12575                    | 43718 |
| 12576                    | 43721 |

### 5 CFR

|                        |       |
|------------------------|-------|
| 870                    | 43337 |
| 871                    | 43337 |
| 872                    | 43337 |
| 873                    | 43337 |
| <b>Proposed Rules:</b> |       |
| 213                    | 43359 |
| 735                    | 43359 |

### 7 CFR

|                        |              |
|------------------------|--------------|
| 301                    | 44033        |
| 770                    | 43579        |
| 800                    | 43723        |
| 907                    | 43169, 43871 |
| 910                    | 43169, 43871 |
| 1945                   | 43580        |
| <b>Proposed Rules:</b> |              |
| 68                     | 44072        |
| 271                    | 43612        |
| 278                    | 43612        |
| 810                    | 43495        |
| 1784                   | 43365        |

### 9 CFR

|                        |              |
|------------------------|--------------|
| 78                     | 43170        |
| 92                     | 43172, 44034 |
| 94                     | 43174        |
| 97                     | 44035        |
| 318                    | 43872        |
| <b>Proposed Rules:</b> |              |
| 145                    | 43577        |
| 147                    | 43577        |

### 10 CFR

|                        |              |
|------------------------|--------------|
| 50                     | 43709        |
| <b>Proposed Rules:</b> |              |
| 2                      | 43367        |
| 20                     | 43367        |
| 50                     | 43369, 43930 |

### 12 CFR

|                        |       |
|------------------------|-------|
| 204                    | 43175 |
| <b>Proposed Rules:</b> |       |
| 202                    | 43371 |
| 205                    | 43615 |
| 226                    | 43372 |
| 708                    | 43377 |
| 744                    | 43383 |

### 13 CFR

|     |       |
|-----|-------|
| 101 | 44036 |
| 121 | 44036 |
| 125 | 44037 |

### 14 CFR

|     |                                                    |
|-----|----------------------------------------------------|
| 39  | 43176-43179, 43337-43342, 43581-43583, 44038-44046 |
| 71  | 43180, 43342, 43584, 43709, 43875, 44048           |
| 93  | 43584                                              |
| 97  | 43875                                              |
| 159 | 43584                                              |
| 323 | 43180                                              |
| 399 | 43180                                              |

#### Proposed Rules:

|    |                     |
|----|---------------------|
| 39 | 43216, 43383        |
| 49 | 44072               |
| 71 | 43384, 43385, 43930 |
| 73 | 43616               |

### 15 CFR

|                        |       |
|------------------------|-------|
| 370                    | 43725 |
| 372                    | 43725 |
| 399                    | 43725 |
| <b>Proposed Rules:</b> |       |
| 399                    | 43931 |
| 2301                   | 43804 |

### 16 CFR

|                        |              |
|------------------------|--------------|
| 13                     | 43587-43593  |
| <b>Proposed Rules:</b> |              |
| 13                     | 43746, 43932 |
| 453                    | 43746        |
| 456                    | 43217        |
| 703                    | 43748        |

### 17 CFR

|     |       |
|-----|-------|
| 211 | 43594 |
| 231 | 43594 |
| 241 | 43594 |

### 18 CFR

|                        |       |
|------------------------|-------|
| 11                     | 44049 |
| 13                     | 44049 |
| 37                     | 43343 |
| 157                    | 43599 |
| 159                    | 43599 |
| 271                    | 44053 |
| 284                    | 43599 |
| 375                    | 44049 |
| 381                    | 43599 |
| <b>Proposed Rules:</b> |       |
| 1301                   | 43934 |

### 19 CFR

|    |       |
|----|-------|
| 24 | 43188 |
|----|-------|

### 20 CFR

|     |       |
|-----|-------|
| 360 | 43726 |
|-----|-------|



|                        |              |
|------------------------|--------------|
| 416.....               | 43709        |
| <b>21 CFR</b>          |              |
| 74.....                | 43877        |
| 81.....                | 43877, 43899 |
| 82.....                | 43877        |
| 176.....               | 43733        |
| 177.....               | 43190        |
| 201.....               | 43900        |
| 558.....               | 44055        |
| 814.....               | 43343        |
| <b>Proposed Rules:</b> |              |
| 16.....                | 43217        |
| 700.....               | 43935        |
| <b>22 CFR</b>          |              |
| 514.....               | 43904        |
| <b>24 CFR</b>          |              |
| 13.....                | 43607        |
| 232.....               | 43905        |
| 235.....               | 43905        |
| 243.....               | 43270        |
| 511.....               | 43270        |
| 842.....               | 43270        |
| 905.....               | 43734        |
| 942.....               | 43270        |
| 964.....               | 44055        |
| 968.....               | 44055        |
| <b>Proposed Rules:</b> |              |
| 888.....               | 44198        |
| <b>25 CFR</b>          |              |
| <b>Proposed Rules:</b> |              |
| 118.....               | 43935        |
| <b>26 CFR</b>          |              |
| 1.....                 | 43344        |
| 4a.....                | 43191        |
| <b>Proposed Rules:</b> |              |
| 1.....                 | 43218        |
| 4a.....                | 43218        |
| <b>27 CFR</b>          |              |
| 270.....               | 43191        |
| 275.....               | 43191        |
| 290.....               | 43191        |
| 295.....               | 43191        |
| 296.....               | 43191        |
| <b>30 CFR</b>          |              |
| <b>Proposed Rules:</b> |              |
| 943.....               | 43617        |
| <b>32 CFR</b>          |              |
| 292a.....              | 44064        |
| 553.....               | 43741        |
| 807.....               | 43608        |
| <b>Proposed Rules:</b> |              |
| 169.....               | 43619        |
| 169a.....              | 43619        |
| 171.....               | 43619        |
| <b>33 CFR</b>          |              |
| 162.....               | 43742        |
| 165.....               | 43906        |
| 166.....               | 43347        |
| <b>Proposed Rules:</b> |              |
| 166.....               | 44072        |
| 167.....               | 44072        |
| <b>34 CFR</b>          |              |
| 668.....               | 43320, 43332 |
| 692.....               | 43310        |

|                           |                            |
|---------------------------|----------------------------|
| <b>37 CFR</b>             |                            |
| 304.....                  | 43609                      |
| <b>39 CFR</b>             |                            |
| 111.....                  | 43194, 43907               |
| <b>Proposed Rules:</b>    |                            |
| 10.....                   | 43386                      |
| 111.....                  | 43936                      |
| <b>40 CFR</b>             |                            |
| 52.....                   | 43349, 43609, 43742, 44066 |
| 60.....                   | 43572                      |
| 261.....                  | 43350, 43712               |
| <b>Proposed Rules:</b>    |                            |
| 52.....                   | 43387-43394                |
| 60.....                   | 44075                      |
| 62.....                   | 43395                      |
| 81.....                   | 44081                      |
| 180.....                  | 43495, 43643               |
| 799.....                  | 43397                      |
| 414.....                  | 44082                      |
| 416.....                  | 44082                      |
| <b>41 CFR</b>             |                            |
| 101-20.....               | 44258                      |
| <b>42 CFR</b>             |                            |
| 400.....                  | 43195                      |
| 405.....                  | 43195                      |
| 412.....                  | 43195                      |
| 421.....                  | 43195                      |
| 456.....                  | 43195                      |
| 460.....                  | 43195                      |
| 461.....                  | 43195                      |
| 462.....                  | 43195                      |
| 463.....                  | 43195                      |
| 466.....                  | 43195                      |
| 473.....                  | 43195                      |
| 476.....                  | 43195                      |
| 478.....                  | 43195                      |
| <b>43 CFR</b>             |                            |
| 3100.....                 | 43910                      |
| 3400.....                 | 43910                      |
| 3470.....                 | 43910                      |
| 3500.....                 | 43910                      |
| <b>Public Land Order:</b> |                            |
| 6554.....                 | 43351                      |
| 6625.....                 | 43267                      |
| 6633.....                 | 43351                      |
| <b>44 CFR</b>             |                            |
| 64.....                   | 43198                      |
| 302.....                  | 43923                      |
| <b>45 CFR</b>             |                            |
| 1180.....                 | 43351                      |
| <b>Proposed Rules:</b>    |                            |
| 301.....                  | 43550                      |
| 302.....                  | 43550                      |
| 303.....                  | 43550                      |
| 305.....                  | 43550                      |
| <b>46 CFR</b>             |                            |
| <b>Proposed Rules:</b>    |                            |
| 150.....                  | 44182                      |
| 202.....                  | 44093                      |
| 580.....                  | 43267                      |
| <b>47 CFR</b>             |                            |
| 18.....                   | 43744                      |
| 25.....                   | 44068                      |
| 31.....                   | 43498                      |
| 32.....                   | 43498                      |

|                        |                     |
|------------------------|---------------------|
| 33.....                | 43498               |
| 73.....                | 43199, 43200, 44069 |
| <b>Proposed Rules:</b> |                     |
| 2.....                 | 43749, 44093        |
| 68.....                | 43749               |
| 73.....                | 44094               |
| 80.....                | 43749               |
| 94.....                | 44093               |
| <b>48 CFR</b>          |                     |
| 204.....               | 43200               |
| 215.....               | 43200               |
| 222.....               | 43354               |
| 230.....               | 43200               |
| 232.....               | 43209               |
| 252.....               | 43209, 43354        |
| 253.....               | 43200               |
| PHS 315.....           | 43355               |
| PHS 352.....           | 43355               |
| 970.....               | 43924               |
| <b>Proposed Rules:</b> |                     |
| 48.....                | 43219               |
| 52.....                | 43219               |
| 203.....               | 43801               |
| 252.....               | 43801               |
| <b>49 CFR</b>          |                     |
| 1160.....              | 43926               |
| 1165.....              | 43926               |
| <b>Proposed Rules:</b> |                     |
| 71.....                | 43644               |
| 571.....               | 43801               |
| 1160.....              | 43937               |
| 1165.....              | 43937               |
| <b>50 CFR</b>          |                     |
| 372.....               | 43928               |
| 663.....               | 43357               |
| <b>Proposed Rules:</b> |                     |
| 222.....               | 43397               |
| 611.....               | 43397               |
| 646.....               | 43937               |
| 661.....               | 44007               |
| 663.....               | 43219               |
| 672.....               | 43397               |
| 675.....               | 43397, 43401        |
| 681.....               | 43940               |

## LIST OF PUBLIC LAWS

**Note:** The listing of public laws enacted during the second session of the 99th Congress has been completed.

**Last listing:** November 20, 1986.

The listing will be resumed when bills are enacted into public law during the first session of the 100th Congress which convenes on January 6, 1987.



## CFR CHECKLIST

This checklist, prepared by the Office of the Federal Register, is published weekly. It is arranged in the order of CFR titles, prices, and revision dates.

An asterisk (\*) precedes each entry that has been issued since last week and which is now available for sale at the Government Printing Office.

New units issued during the week are announced on the back cover of the daily **Federal Register** as they become available.

A checklist of current CFR volumes comprising a complete CFR set, also appears in the latest issue of the LSA (List of CFR Sections Affected), which is revised monthly.

The annual rate for subscription to all revised volumes is \$595.00 domestic, \$148.75 additional for foreign mailing.

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| Title                                      | Price  | Revision Date |
|--------------------------------------------|--------|---------------|
| 1, 2 (2 Reserved)                          | \$5.50 | Jan. 1, 1986  |
| 3 (1985 Compilation and Parts 100 and 101) | 14.00  | Jan. 1, 1986  |
| 4                                          | 11.00  | Jan. 1, 1986  |
| <b>5 Parts:</b>                            |        |               |
| 1-1199                                     | 18.00  | Jan. 1, 1986  |
| 1200-End, 6 (6 Reserved)                   | 6.50   | Jan. 1, 1986  |
| <b>7 Parts:</b>                            |        |               |
| 0-45                                       | 24.00  | Jan. 1, 1986  |
| 46-51                                      | 16.00  | Jan. 1, 1986  |
| 52                                         | 18.00  | Jan. 1, 1986  |
| 53-209                                     | 14.00  | Jan. 1, 1986  |
| 210-299                                    | 21.00  | Jan. 1, 1986  |
| 300-399                                    | 11.00  | Jan. 1, 1986  |
| 400-699                                    | 19.00  | Jan. 1, 1986  |
| 700-899                                    | 17.00  | Jan. 1, 1986  |
| 900-999                                    | 20.00  | Jan. 1, 1986  |
| 1000-1059                                  | 12.00  | Jan. 1, 1986  |
| 1060-1119                                  | 9.50   | Jan. 1, 1986  |
| 1120-1199                                  | 8.50   | Jan. 1, 1986  |
| 1200-1499                                  | 13.00  | Jan. 1, 1986  |
| 1500-1899                                  | 7.00   | Jan. 1, 1986  |
| 1900-1944                                  | 23.00  | Jan. 1, 1986  |
| 1945-End                                   | 23.00  | Jan. 1, 1986  |
| 8                                          | 7.00   | Jan. 1, 1986  |
| <b>9 Parts:</b>                            |        |               |
| 1-199                                      | 14.00  | Jan. 1, 1986  |
| 200-End                                    | 14.00  | Jan. 1, 1986  |
| <b>10 Parts:</b>                           |        |               |
| 0-199                                      | 22.00  | Jan. 1, 1986  |
| 200-399                                    | 13.00  | Jan. 1, 1986  |
| 400-499                                    | 14.00  | Jan. 1, 1986  |
| 500-End                                    | 23.00  | Jan. 1, 1986  |
| 11                                         | 7.00   | Jan. 1, 1986  |
| <b>12 Parts:</b>                           |        |               |
| 1-199                                      | 8.50   | Jan. 1, 1986  |
| 200-299                                    | 22.00  | Jan. 1, 1986  |
| 300-499                                    | 13.00  | Jan. 1, 1986  |
| 500-End                                    | 26.00  | Jan. 1, 1986  |
| 13                                         | 19.00  | Jan. 1, 1986  |
| <b>14 Parts:</b>                           |        |               |
| 1-59                                       | 20.00  | Jan. 1, 1986  |
| 60-139                                     | 19.00  | Jan. 1, 1986  |
| 140-199                                    | 7.50   | Jan. 1, 1986  |
| 200-1199                                   | 14.00  | Jan. 1, 1986  |
| 1200-End                                   | 8.00   | Jan. 1, 1986  |
| <b>15 Parts:</b>                           |        |               |
| 0-299                                      | 7.00   | Jan. 1, 1986  |
| 300-399                                    | 20.00  | Jan. 1, 1986  |
| 400-End                                    | 15.00  | Jan. 1, 1986  |

| Title            | Price | Revision Date             |
|------------------|-------|---------------------------|
| <b>16 Parts:</b> |       |                           |
| 0-149            | 9.00  | Jan. 1, 1986              |
| 150-999          | 10.00 | Jan. 1, 1986              |
| 1000-End         | 18.00 | Jan. 1, 1986              |
| <b>17 Parts:</b> |       |                           |
| 1-239            | 26.00 | Apr. 1, 1986              |
| 240-End          | 19.00 | Apr. 1, 1986              |
| <b>18 Parts:</b> |       |                           |
| 1-149            | 15.00 | Apr. 1, 1986              |
| 150-399          | 25.00 | Apr. 1, 1986              |
| 400-End          | 6.50  | Apr. 1, 1986              |
| 19               | 29.00 | Apr. 1, 1986              |
| <b>20 Parts:</b> |       |                           |
| 1-399            | 10.00 | Apr. 1, 1986              |
| 400-499          | 22.00 | Apr. 1, 1986              |
| 500-End          | 23.00 | Apr. 1, 1986              |
| <b>21 Parts:</b> |       |                           |
| 1-99             | 12.00 | Apr. 1, 1986              |
| 100-169          | 14.00 | Apr. 1, 1986              |
| 170-199          | 16.00 | Apr. 1, 1986              |
| 200-299          | 6.00  | Apr. 1, 1986              |
| 300-499          | 25.00 | Apr. 1, 1986              |
| 500-599          | 21.00 | Apr. 1, 1986              |
| 600-799          | 7.50  | Apr. 1, 1986              |
| 800-1299         | 13.00 | Apr. 1, 1986              |
| 1300-End         | 6.50  | Apr. 1, 1986              |
| 22               | 28.00 | Apr. 1, 1986              |
| 23               | 17.00 | Apr. 1, 1986              |
| <b>24 Parts:</b> |       |                           |
| 0-199            | 15.00 | Apr. 1, 1986              |
| 200-499          | 24.00 | Apr. 1, 1986              |
| 500-699          | 8.50  | Apr. 1, 1986              |
| 700-1699         | 17.00 | Apr. 1, 1986              |
| 1700-End         | 12.00 | Apr. 1, 1986              |
| 25               | 24.00 | Apr. 1, 1986              |
| <b>26 Parts:</b> |       |                           |
| §§ 1.0-1.169     | 29.00 | Apr. 1, 1986              |
| §§ 1.170-1.300   | 16.00 | Apr. 1, 1986              |
| §§ 1.301-1.400   | 13.00 | Apr. 1, 1986              |
| §§ 1.401-1.500   | 20.00 | Apr. 1, 1986              |
| §§ 1.501-1.640   | 15.00 | Apr. 1, 1986              |
| §§ 1.641-1.850   | 16.00 | Apr. 1, 1986              |
| §§ 1.851-1.1200  | 29.00 | Apr. 1, 1986              |
| §§ 1.1201-End    | 29.00 | Apr. 1, 1986              |
| 2-29             | 19.00 | Apr. 1, 1986              |
| 30-39            | 13.00 | Apr. 1, 1986              |
| 40-299           | 25.00 | Apr. 1, 1986              |
| 300-499          | 14.00 | Apr. 1, 1986              |
| 500-599          | 8.00  | Apr. 1, 1980              |
| 600-End          | 4.75  | Apr. 1, 1986              |
| <b>27 Parts:</b> |       |                           |
| 1-199            | 20.00 | Apr. 1, 1986              |
| 200-End          | 14.00 | Apr. 1, 1986              |
| 28               | 21.00 | July 1, 1986              |
| <b>29 Parts:</b> |       |                           |
| 0-99             | 16.00 | July 1, 1986              |
| 100-499          | 7.00  | July 1, 1986              |
| 500-899          | 24.00 | July 1, 1986              |
| 900-1899         | 9.00  | July 1, 1986              |
| 1900-1910        | 27.00 | July 1, 1986              |
| 1911-1919        | 5.50  | <sup>2</sup> July 1, 1984 |
| 1920-End         | 29.00 | July 1, 1986              |
| <b>30 Parts:</b> |       |                           |
| 0-199            | 16.00 | <sup>3</sup> July 1, 1985 |
| 200-699          | 8.50  | July 1, 1986              |
| 700-End          | 17.00 | July 1, 1986              |
| <b>31 Parts:</b> |       |                           |
| 0-199            | 11.00 | July 1, 1986              |
| 200-End          | 16.00 | July 1, 1986              |



| Title                                    | Price | Revision Date             | Title                                    | Price  | Revision Date |
|------------------------------------------|-------|---------------------------|------------------------------------------|--------|---------------|
| <b>32 Parts:</b>                         |       |                           | <b>4000-End</b> .....                    | 8.50   | Oct. 1, 1985  |
| 1-39, Vol. I.....                        | 15.00 | <sup>4</sup> July 1, 1984 | <b>44</b> .....                          | 13.00  | Oct. 1, 1985  |
| 1-39, Vol. II.....                       | 19.00 | <sup>4</sup> July 1, 1984 | <b>45 Parts:</b>                         |        |               |
| 1-39, Vol. III.....                      | 18.00 | <sup>4</sup> July 1, 1984 | 1-199.....                               | 10.00  | Oct. 1, 1985  |
| 1-189.....                               | 17.00 | July 1, 1986              | 200-499.....                             | 7.00   | Oct. 1, 1985  |
| 190-399.....                             | 23.00 | July 1, 1986              | 500-1199.....                            | 13.00  | Oct. 1, 1985  |
| 400-629.....                             | 21.00 | July 1, 1986              | 1200-End.....                            | 9.00   | Oct. 1, 1985  |
| 630-699.....                             | 13.00 | July 1, 1986              | <b>46 Parts:</b>                         |        |               |
| 700-799.....                             | 15.00 | July 1, 1986              | 1-40.....                                | 10.00  | Oct. 1, 1985  |
| 800-End.....                             | 16.00 | July 1, 1986              | 41-69.....                               | 10.00  | Oct. 1, 1985  |
| <b>33 Parts:</b>                         |       |                           | 70-89.....                               | 7.00   | Oct. 1, 1986  |
| 1-199.....                               | 27.00 | July 1, 1986              | 90-139.....                              | 9.00   | Oct. 1, 1985  |
| 200-End.....                             | 18.00 | July 1, 1986              | 140-155.....                             | 8.50   | Oct. 1, 1985  |
| <b>34 Parts:</b>                         |       |                           | 156-165.....                             | 10.00  | Oct. 1, 1985  |
| 1-299.....                               | 20.00 | July 1, 1986              | 166-199.....                             | 9.00   | Oct. 1, 1985  |
| 300-399.....                             | 11.00 | July 1, 1986              | 200-499.....                             | 15.00  | Oct. 1, 1985  |
| 400-End.....                             | 25.00 | July 1, 1986              | 500-End.....                             | 7.50   | Oct. 1, 1985  |
| 35.....                                  | 9.50  | July 1, 1986              | <b>47 Parts:</b>                         |        |               |
| <b>36 Parts:</b>                         |       |                           | 0-19.....                                | 13.00  | Oct. 1, 1985  |
| 1-199.....                               | 12.00 | July 1, 1986              | 20-69.....                               | 21.00  | Oct. 1, 1985  |
| 200-End.....                             | 19.00 | July 1, 1986              | 70-79.....                               | 13.00  | Oct. 1, 1985  |
| 37.....                                  | 12.00 | July 1, 1986              | 80-End.....                              | 18.00  | Oct. 1, 1985  |
| <b>38 Parts:</b>                         |       |                           | <b>48 Chapters:</b>                      |        |               |
| 0-17.....                                | 21.00 | July 1, 1986              | 1 (Parts 1-51).....                      | 16.00  | Oct. 1, 1985  |
| 18-End.....                              | 15.00 | July 1, 1986              | 1 (Parts 52-99).....                     | 12.00  | Oct. 1, 1985  |
| 39.....                                  | 12.00 | July 1, 1986              | 2.....                                   | 15.00  | Oct. 1, 1985  |
| <b>40 Parts:</b>                         |       |                           | 3-6.....                                 | 13.00  | Oct. 1, 1985  |
| 1-51.....                                | 21.00 | July 1, 1986              | 7-14.....                                | 17.00  | Oct. 1, 1985  |
| 52.....                                  | 27.00 | July 1, 1986              | 15-End.....                              | 17.00  | Oct. 1, 1985  |
| 53-60.....                               | 23.00 | July 1, 1986              | <b>49 Parts:</b>                         |        |               |
| 61-80.....                               | 10.00 | July 1, 1986              | 1-99.....                                | 7.00   | Oct. 1, 1985  |
| 81-99.....                               | 25.00 | July 1, 1986              | 100-177.....                             | 19.00  | Nov. 1, 1985  |
| 100-149.....                             | 23.00 | July 1, 1986              | 178-199.....                             | 15.00  | Nov. 1, 1985  |
| 150-189.....                             | 21.00 | July 1, 1986              | 200-399.....                             | 13.00  | Oct. 1, 1985  |
| 190-399.....                             | 27.00 | July 1, 1986              | 400-999.....                             | 16.00  | Oct. 1, 1985  |
| 400-424.....                             | 22.00 | July 1, 1986              | 1000-1199.....                           | 13.00  | Oct. 1, 1985  |
| 425-699.....                             | 24.00 | July 1, 1986              | 1200-1299.....                           | 13.00  | Oct. 1, 1985  |
| 700-End.....                             | 24.00 | July 1, 1986              | 1300-End.....                            | 2.25   | Oct. 1, 1985  |
| <b>41 Chapters:</b>                      |       |                           | <b>50 Parts:</b>                         |        |               |
| 1, 1-1 to 1-10.....                      | 13.00 | <sup>5</sup> July 1, 1984 | 1-199.....                               | 11.00  | Oct. 1, 1985  |
| 1, 1-11 to Appendix, 2 (2 Reserved)..... | 13.00 | <sup>5</sup> July 1, 1984 | 200-End.....                             | 19.00  | Oct. 1, 1985  |
| 3-6.....                                 | 14.00 | <sup>5</sup> July 1, 1984 | <b>CFR Index and Findings Aids</b> ..... | 21.00  | Jan. 1, 1986  |
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| 101.....                                 | 23.00 | July 1, 1986              |                                          |        |               |
| 102-200.....                             | 12.00 | July 1, 1986              |                                          |        |               |
| 201-End.....                             | 7.50  | July 1, 1986              |                                          |        |               |
| <b>42 Parts:</b>                         |       |                           |                                          |        |               |
| 1-60.....                                | 12.00 | Oct. 1, 1985              |                                          |        |               |
| 61-399.....                              | 7.00  | Oct. 1, 1985              |                                          |        |               |
| 400-429.....                             | 16.00 | Oct. 1, 1985              |                                          |        |               |
| 430-End.....                             | 11.00 | Oct. 1, 1985              |                                          |        |               |
| <b>43 Parts:</b>                         |       |                           |                                          |        |               |
| 1-999.....                               | 10.00 | Oct. 1, 1985              |                                          |        |               |
| 1000-3999.....                           | 18.00 | Oct. 1, 1985              |                                          |        |               |

<sup>1</sup> No amendments to this volume were promulgated during the period Apr. 1, 1980 to March 31, 1986. The CFR volume issued as of Apr. 1, 1980, should be retained.

<sup>2</sup> No amendments to this volume were promulgated during the period July 1, 1984 to June 30, 1986. The CFR volume issued as of July 1, 1984, should be retained.

<sup>3</sup> No amendments to this volume were promulgated during the period July 1, 1985 to June 30, 1986. The CFR volume issued as of July 1, 1985 should be retained.

<sup>4</sup> The July 1, 1985 edition of 32 CFR Parts 1-189 contains a note only for Parts 1-39 inclusive. For the full text of the Defense Acquisition Regulations in Parts 1-39, consult the three CFR volumes issued as of July 1, 1984, containing these parts.

<sup>5</sup> The July 1, 1985 edition of 41 CFR Chapters 1-100 contains a note only for Chapters 1 to 49 inclusive. For the full text of procurement regulations in Chapters 1 to 49, consult the eleven CFR volumes issued as of July 1, 1984 containing those chapters.

<sup>6</sup> Because Title 3 is an annual compilation, this volume and all previous volumes should be retained as a permanent reference source.



