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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 month.

Title 5—Administrative Personnel

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PART 213—EXCEPTED SERVICE

Department of Transportation

Correction

In FR Doc. 73-6150, appearing on page 8164 for the issue of Thursday, March 28, 1973, the date in the second paragraph reading "March 30, 1973", should read "March 29, 1973".

Title 14—Aeronautics and Space

CHAPTER I—FEDERAL AVIATION ADMINISTRATION, DEPARTMENT OF TRANSPORTATION

[Airspace Docket No. 72-SO-134]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS

Designation of Transition Area

Correction

In FR Doc. 73-5852 appearing at page 8050 in the issue for Wednesday, March 28, 1973, in the description of the Cherry Point MCAS, N.C., transition area, the longitude coordinates in the fourth line, reading "16°53'00'," should read, "76° 53'00'."

[Airspace Docket No. 73-NE-5]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS

Alteration of Control Zone

The Federal Aviation Administration is amending § 71.171 of part 71 of the Federal Aviation Regulations so as to alter the Portland, Maine, control zone (38 FR 413).

The Federal Aviation Administration will reduce the daily hours of operation at the Portland, Maine, air traffic control tower from the present full time 24-hour operation to operation between 0700 to 2300 hours local time. During these periods of eliminated tower service, Portland will not meet the communication requirements necessary to support a control zone and the effective hours of the control zone are being reduced accordingly.

Since this amendment is less restrictive and does not create any additional burden on any persons, notice and public procedure hereon are unnecessary and the amendment may be made effective in less than 30 days.

In consideration of the foregoing, part 71 of the Federal Aviation Regulations is amended, effective 0901, e.s.t., May 1, 1973, as hereinafter set forth:

1. Amend § 71.171 of part 71 of the Federal Aviation Regulations so as to add to the existing description of the Portland, Maine, control zone the following language:

This control zone is effective from 0700 to 2300 hours, local time, daily or during the specific dates and times established by a Notice to Airmen which thereafter will be continuously published in the Airman's Information Manual.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Burlington, Mass., on March 21, 1973.

FERRIS J. HOWLAND,
Director, New England Region.

[FR Doc.73-6622 Filed 4-5-73;8:45 am]

[Airspace Docket No. 72-GL-84]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS

Deletion and Alteration of Transition Areas

On pages 2987 and 2988 of the FEDERAL REGISTER dated January 31, 1973, the Federal Aviation Administration published a notice of proposed rulemaking which would amend § 71.181 of part 71 of the Federal Aviation Regulations so as to alter the State of Michigan, Alpena, Bellaire, Charlevoix, Grayling, Luddington, Menominee, Oscoda, Roscommon, Traverse City, Escanaba, Gaylord, Marquette, Iron Mountain, and Pellston, Mich., transition areas, and deleting the Lake City, Mich., transition area.

Interested persons were given 30 days to submit written comments, suggestions, or objections regarding the proposed amendment.

No objections have been received and the amendment as so proposed is hereby adopted, subject to the following change:

Delete the change to the Marquette, Mich., transition area recited as "Marquette, Mich.—add "and the portion south of parallel 45°45' "."

This amendment shall be effective 0901 G.m.t., May 24, 1973.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Des Plaines, Ill., on March 20, 1973.

R. O. ZIEGLER,
Acting Director,
Great Lakes Region.

In § 71.181 (38 FR 435), the following transition area is amended to read:

MICHIGAN

That airspace extending upward from 1,200 feet above the surface within the boundary of the State of Michigan south of parallel 45°45'.

In § 71.181 (38 FR 435), the following transition areas are amended by deleting reference to that airspace extending upward from 1,200 feet above the surface:

Alpena, Mich.	Menominee, Mich.
Bellaire, Mich.	Oscoda, Mich.
Charlevoix, Mich.	Roscommon, Mich.
Grayling, Mich.	Traverse City, Mich.
Luddington, Mich.	

In § 71.181 (38 FR 435), the following transition area is deleted: Lake City, Mich.

In § 71.181 (38 FR 435), the following transition areas are amended as indicated:

Escanaba, Mich.—add "excluding the portion south of parallel 45°45'."

Gaylord, Mich.—delete all after "(latitude 45°00'50'' N., longitude 84°41'45'' W.)."

Marquette, Mich.—add "and the portion south of parallel 45°45'."

Iron Mountain, Mich.—add "excluding the portion south of parallel 45°45'."

Pellston, Mich.—change to read as follows:

That airspace extending upward from 700 feet above the surface within an 11-mile radius of Emmet County Airport (lat. 45°-34'09'' N., long. 84°47'45'' W.) and within 5 miles each side of the Pellston VORTAC 238° radial, extending from the 11-mile radius area to 22 miles southwest of the VORTAC; and that airspace extending upward from 1,200 feet above the surface within a 19-mile radius of the Pellston VORTAC north of parallel 45°45' excluding the portion overlying the Sault Ste. Marie, Mich., transition area.

[FR Doc.73-6620 Filed 4-5-73;8:45 am]

[Airspace Docket No. 73-GL-14]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS

Alteration of Transition Area

The purpose of this amendment to part 71 of the Federal Aviation Regulations is to alter the transition area at Pipestone, Minn.

The approach procedure inbound bearing has been changed 5°. This will require a 5-degree clockwise shift of the 700-foot transition area extension at Pipestone, Minn. Since this change is minor, it imposes no additional burden on any person, therefore, notice and public procedure hereon are unnecessary.

In consideration of the foregoing, part 71 of the Federal Aviation Regulations is amended effective 0901 G.m.t., June 21, 1973, as hereinafter set forth:

In § 71.181 (38 FR 435), the following transition area is amended to read:

PIPESTONE, MINN.

That airspace extending upward from 700 feet above the surface within a 5-mile radius of Pipestone Municipal Airport (lat. 43°59'15" N., long. 96°18'30" W.); and within 3 miles each side of the 198° bearing from Pipestone Municipal Airport, extending from the 5-mile radius area to 8 miles south of the airport.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655 (c))

Issued in Des Plaines, Ill., on March 20, 1973.

R. O. ZIEGLER,
Acting Director,
Great Lakes Region.

[FR Doc.73-6621 Filed 4-5-73;8:45 am]

Title 18—Conservation of Power and Water Resources

CHAPTER I—FEDERAL POWER COMMISSION

SUBCHAPTER A—GENERAL RULES

[Docket No. R-475; Order 478]

PART 1—RULES OF PRACTICE AND PROCEDURE

Prepared Expert Testimony Placed Into Evidence

MARCH 28, 1973.

This order amends § 1.26 (c)(2)(iii) of the Commission's rules of practice and procedure, subchapter A, chapter I, title 18 of the Code of Federal Regulations. The purpose of the Commission's adoption of this amendment is to require that an authenticating affidavit be submitted with all prepared written expert testimony.

The Commission finds:

1. The notice and effective date provisions of 5 U.S.C. 553 do not apply to the amendment here adopted.

2. It is necessary and appropriate in the public interest for the administration of the Federal Power Act and the Natural Gas Act to adopt the amendment as herein ordered.

The Commission, acting pursuant to the provisions of the Federal Power Act, as amended, particularly sections 308 and 309 (49 Stat. 858, 859; 16 U.S.C. 825g, 825h) and the provisions of the Natural Gas Act, as amended, particularly sections 15 and 16 (52 Stat. 829, 830; 15 U.S.C. 717n, 717o), orders:

A. Effective as of March 28, 1973, paragraph (c)(2)(iii) of § 1.26, in part I, subchapter A of chapter I, title 18 of the Code of Federal Regulations is revised to read as follows:

§ 1.26 Evidence.

* * * * *

(c) *Documentary* * * *

(2) *Commission's files* * * *

(iii) *Prepared expert testimony.*—Direct testimony of any witness within his special field may be offered as an exhibit, or as prepared written testimony to be copied into the transcript: *Provided,* That copies of such proposed exhibit or prepared written testimony shall have been served upon all parties to the proceeding or their attorneys of record, and staff counsel, at least 5 days in advance of the session of the hearing at which such exhibit or prepared written testimony is offered unless all parties in attendance at the session of the hearing at which such exhibit or prepared written testimony is offered, and staff counsel shall agree that all or any part of such 5 days' prior service be waived: *And provided further,* That the presiding officer, absent such agreement, may permit the introdutcion of such written testimony after having given all parties and staff counsel present a reasonable opportunity (not less than 24 hours) to examine it. Whenever in the circumstances of a particular case it is deemed necessary or desirable, the Commission or the presiding officer may direct that expert testimony to be given upon direct examination shall be reduced to exhibit form or to the form of prepared written testimony and be served and offered in the manner hereinbefore described. A reasonable period of time shall be allowed for the preparation of such written testimony. All parties offering prepared written testimony, whether in the form of an exhibit or to be copied into the transcript, shall insert line numbers on each page, in the left-hand margin. All such prepared written testimony when filed and served, shall be authenticated by an appropriate affidavit of the witness.

B. The Secretary shall cause prompt publication of this order to be made in the FEDERAL REGISTER.

By the Commission.

[SEAL] KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6658 Filed 4-5-73;8:45 am]

Title 21—Food and Drugs

CHAPTER I—FOOD AND DRUG ADMINISTRATION, DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

SUBCHAPTER B—FOOD AND FOOD PRODUCTS

PART 121—FOOD ADDITIVES

Petroleum Hydrocarbon Resin for Use in Food Packaging Adhesives, Rubber Articles, and Paper and Paperboard in Contact With Dry Food

The Commissioner of Food and Drugs, having evaluated the data in a petition (FAP 1B2696) filed by Arakawa Forest Chemical Industries, Ltd., No. 21, 1-Chome, Hiranomachi, Higashi-ku, Osaka, Japan, and other relevant material, concludes that the food additive regulations should be amended, as set forth below, to provide for the safe use of a petroleum hydrocarbon resin, as a component of food packaging adhesives, of rubber articles intended for repeated use, and of paper and paperboard in contact with dry food.

Therefore, pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 409(c)(1), 72 Stat. 1786; 21 U.S.C. 348(c)(1)) and under authority delegated to the Commissioner (21 CFR 2.120), part 121 is amended as follows:

1. In § 121.2520(c)(5) by alphabetically inserting in the list of substances a new item as follows:

§ 121.2520 Adhesives.

* * * * *

(c) * * *

(5) * * *

COMPONENTS OF ADHESIVES

Substances:	*Limitations*
* * * * *	
Petroleum hydrocarbon resin (produced by the catalytic polymerization and subsequent hydrogenation of styrene, vinyltoluene, and indene types from distillates of cracked petroleum stocks).	
* * * * *	

2. In § 121.2562(c)(4)(iv) by alphabetically inserting in the list of substances a new item as follows:

§ 121.2562 Rubber articles intended for repeated use.

* * * * *

(c) * * *

(4) * * *

(iv) *Plasticizers (total not to exceed 30 percent by weight of rubber product).*

* * * * *

Petroleum hydrocarbon resin (produced by the catalytic polymerization and subsequent hydrogenation of styrene, vinyltoluene, and indene types from distillates of cracked petroleum stocks).

* * * * *

3. In § 121.2571(b)(2) by alphabetically inserting in the list of substances a new item as follows:

§ 121.2571 Components of paper and paperboard in contact with dry food.

* * * * *

(b) * * *

(2) * * *

List of Substances:	*Limitations*
* * * * *	
Petroleum hydrocarbon resin (produced by the catalytic polymerization and subsequent hydrogenation of styrene, vinyltoluene, and indene types from distillates of cracked petroleum stocks).	
* * * * *	

Any person who will be adversely affected by the foregoing order may at any time on or before May 7, 1973, file with the hearing clerk, Department of Health, Education, and Welfare, room 6-88, 5600 Fishers Lane, Rockville, Md. 20852, written objections thereto. Objections shall show wherein the person filing will be adversely affected by the order, specify with particularity the provisions of the

order deemed objectionable, and state the grounds for the objections. If a hearing is requested, the objections shall state the issues for the hearing, shall be supported by grounds factually and legally sufficient to justify the relief sought, and shal include a detailed description and analysis of the factual information intended to be presented in support of the objections in the event that a hearing is held. Objections may be accompanied by a memorandum or brief in support thereof. Six copies of all documents shall be filed. Received objections may be seen in the above office during working hours, Monday through Friday.

Effective date: This order shall become effective on April 6, 1973.

(Sec. 409(c)(1), 72 Stat. 1786; 21 U.S.C. 348(c)(1))

Dated March 16, 1973.

SAM D. FINE,
Associate Commissioner for Compliance.

[FR Doc.73-6610 Filed 4-5-73;8:45 am]

SUBCHAPTER C—DRUGS

PART 135b—NEW ANIMAL DRUGS FOR IMPLANTATION OR INJECTION

Dexamethasone Solution

The Commissioner of Food and Drugs has approved new animal drug applications (12-559V and 47-646V) filed by Schering Corp., 86 Orange Street, Bloomfield, N.J. 07003, and John D. Copanos & Co., Inc., Baltimore, Md. 21225, respectively, providing for the safe and effective use of dexamethasone solution for intravenous or intramuscular injection in dogs, cats, cattle, and horses. In accordance with the requirements of section 512(i) of the act, the conditions for such approval are set forth below.

Therefore, pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 512(i), 82 Stat. 347; 21 U.S.C. 360b(i)) and under authority delegated to the Commissioner (21 CFR 2.120), part 135b is amended by adding a new section as follows:

§ 135b.83 Dexamethasone solution, veterinary.

(a) *Specifications.*—The drug is a sterile aqueous solution. Each milliliter contains 2 mg of dexamethasone.

(b) *Sponsor.*—See code Nos. 032 and 054 in § 135.501(c) of this chapter.

(c) *Conditions of use.*—(1) The drug is indicated for the treatment of primary bovine ketosis and as an anti-inflammatory agent in dogs, cats, cattle, and horses.

(2) The drug is administered intraveneously or intramuscularly and dosage may be repeated if necessary, as follows:

(i) Canine—0.25 to 1 mg.

(ii) Feline—0.125 to 0.5 mg.

(iii) Equine—2.5 to 5 mg.

(iv) Bovine—5 to 20 mg depending on the severity of the condition.

(3) Clinical and experimental data have demonstrated that corticosteroids administered orally or parenterally to animals may induce the first stage of parturition when administered during the last trimester of pregnancy and may precipitate premature parturition followed by dystocia, fetal death, retained placenta, and metritis.

(4) Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Effective date.—This order shall be effective on April 6, 1973.

(Sec. 512(i), 82 Stat. 347; 21 U.S.C. 360b(i))

Dated April 2, 1973.

C. D. VAN HOUWELING,
Director, Bureau of Veterinary Medicine.

[FR Doc.73-6609 Filed 4-5-73;8:45 am]

Title 32—National Defense

CHAPTER XVI—SELECTIVE SERVICE SYSTEM

PART 1604—SELECTIVE SERVICE OFFICERS

PART 1613—REGISTRATION PROCEDURES

Disqualification and Jurisdiction

Whereas, on March 2, 1973, the Director of Selective Service published a notice of proposed amendments to Selective Service regulations, 38 FR 5667, March 2, 1973; and

Whereas more than 30 days have elapsed subsequent to such publication during which period comments from the public have been received and considered. The proposed amendments revise the definition of "local board of jurisdiction" and disqualifications for members of local boards and appeal boards in participating in matters before them. The texts of the proposed sections have not been changed.

Now therefore by virtue of the authority vested in me by the Military Selective Service Act, as amended (50 App. U.S.C. sections 451 et seq.) and § 1604.1 of Selective Service regulations (32 CFR 1604.1), the Selective Service regulations, constituting a portion of chapter XVI of title 32 of the Code of Federal Regulations, are hereby amended, effective 11:59 p.m. e.s.t. on April 7, 1973, as follows:

1. Section 1604.25 is amended to read as follows:

§ 1604.25 Disqualification.

(a) No appeal board shall act on the case of a registrant who is a member or the first cousin or closer relation, either by blood, marriage, or adoption, or who is an employer, employee, or fellow employee, or stands in the relationship of superior or subordinate in connection with any employment, or is a partner or close business associate of a member or employee of the appeal board.

(b) A member of an appeal board may disqualify himself in any matter in which he would be restricted in making an impartial decision by his family, business, or social relationship with the registrant or any member of the registrant's family.

(c) Whenever because of the provisions of paragraph (a) of this section or action taken pursuant to paragraph (b) of this section, an appeal board cannot act on the case of a registrant, and there is no panel of the appeal board to which the case may be transferred, the appeal board shall transmit such case to the State Director of Selective Service for transfer to another appeal board.

2. Section 1604.55 is amended to read as follows:

§ 1604.55 Disqualification.

(a) No local board shall act on the case of a registrant who is a member or the first cousin or closer relation, either by blood, marriage, or adoption, or who is a fellow employee or employer, or stands in the relation of superior or subordinate in connection with any employment, or is a partner or close business associate of a member or employee of the board.

(b) A member of a local board may disqualify himself in any matter in which he would be restricted in making an impartial decision by his family, business or social relationship with the registrant or any member of the registrant's family.

(c) Whenever because of the provisions of paragraph (a) of this section or action taken pursuant to paragraph (b) of this section, a local board cannot act on the case of a registrant, the local board shall request the State Director of Selective Service to designate another local board to which the registrant shall be transferred for action on his case.

3. Section 1613.2 is amended to read as follows:

§ 1613.2 Local board of jurisdiction.

The local board having jurisdiction over the place of residence of the registrant entered on the Registration Card (SSS Form 1) at the time of initial registration shall always have jurisdiction over the registrant, unless otherwise directed by the Director of Selective Service.

BYRON V. PEPITONE,
Director.

APRIL 2, 1973.

[FR Doc.73-6686 Filed 4-5-73;8:45 am]

Title 24—Housing and Urban Development

CHAPTER X—FEDERAL INSURANCE ADMINISTRATION, DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

SUBCHAPTER B—NATIONAL FLOOD INSURANCE PROGRAM

PART 1914—AREAS ELIGIBLE FOR THE SALE OF INSURANCE

Status of Participating Communities

Section 1914.4 of part 1914 of subchapter B of chapter X of title 24 of the Code of Federal Regulations is amended by adding in alphabetical sequence a new entry to the table. In this entry, a complete chronology of effective dates appears for each listed community. Each date appearing in the last column of the table is followed by a designation which indicates whether the date signifies the effective date of the authorization of the sale of flood insurance in the area under the emergency or the regular flood insurance program. The entry reads as follows:

§ 1914.4 Status of participating communities.

* * * * * * *

State	County	Location	Map No.	State map repository	Local map repository	Effective date of authorization of sale of flood insurance for area
* * *	* * *	* * *	* * *	* * *	* * *	* * *
Louisiana	Ascension (Parish).	Gonzales, Town of.				Apr. 6, 1973. Emergency.
Do	Ouachita (Parish)	West Monroe, City of.				Do.
Michigan	Kent	Walker, City of				Do.
Do	Macomb	Warren, City of				Do.
Do	Muskegon	Norton Shores, City of.				Do.
Nebraska	Saunders	Unincorporated areas.				Do.
New Jersey	Somerset	Franklin, Township of.				Do.
New York	Broome	Kirkwood, Town of.				Do.
Wisconsin	Marinette	Marinette, City of				Do.

(National Flood Insurance Act of 1968 (title XIII of the Housing and Urban Development Act of 1968), effective Jan. 28, 1969 (33 FR 17804, Nov. 28, 1968), as amended (secs. 408-410, Public Law 91-152, Dec. 24, 1969), 42 U.S.C. 4001-4127; and Secretary's delegation of authority to Federal Insurance Administrator, 34 FR 2680, Feb. 27, 1969)

Issued March 30, 1973.

GEORGE K. BERNSTEIN,
Federal Insurance Administrator.

[FR Doc.73-6554 Filed 4-5-73;8:45 am]

PART 1914—AREAS ELIGIBLE FOR THE SALE OF INSURANCE

Status of Participating Communities

Section 1914.4 of part 1914 of subchapter B of chapter X of title 24 of the Code of Federal Regulations is amended by adding in alphabetical sequence a new entry to the table. In this entry, a complete chronology of effective dates appears for each listed community. Each date appearing in the last column of the table is followed by a designation which indicates whether the date signifies the effective date of the authorization of the sale of flood insurance in the area under the emergency or the regular flood insurance program. The entry reads as follows:

§ 1914.4 Status of participating communities.

* * * * * * *

State	County	Location	Map No.	State map repository	Local map repository	Effective date of authorization of sale of flood insurance for area
* * *	* * *	* * *	* * *	* * *	* * *	* * *
Illinois	Cook	Franklin Park, Village of.				Apr. 11, 1973. Emergency.
Iowa	Pottawattamie	Council Bluffs, City of.				Do.
Louisiana	St. Mary (Parish)	Unincorporated areas.				April 6, 1973. Emergency.
Do	Do	Berwick, Town of				Do.
Michigan	Kent	Wyoming, City of				April 11, 1973. Emergency.
New York	Chemung	Chemung, City of				Do.
Do	Steuben	Riverside, Village of.				Do.
Do	Suffolk	Lindenhurst, Village of.				Do.
North Carolina	Brunswick	Southport, City of				Do.
South Dakota	Custer	Custer, City of				Do.

(National Flood Insurance Act of 1968 (title XIII of the Housing and Urban Development Act of 1968), effective Jan. 28, 1969 (33 FR 17804, Nov. 28, 1968), as amended (secs. 408-410, Public Law 91-152, Dec. 24, 1969), 42 U.S.C. 4001-4127; and Secretary's delegation of authority to Federal Insurance Administrator, 34 FR 2680, Feb. 27, 1969)

Issued March 30, 1973.

GEORGE K. BERNSTEIN,
Federal Insurance Administrator.

[FR Doc.73-6566 Filed 4-5-73;8:45 am]

PART 1914—AREAS ELIGIBLE FOR THE SALE OF INSURANCE

Status of Participating Communities

Section 1914.4 of part 1914 of subchapter B of chapter X of title 24 of the Code of Federal Regulations is amended by adding in alphabetical sequence a new entry to the table. In this entry, a complete chronology of effective dates appears for each listed community. Each date appearing in the last column of the table is followed by a designation which indicates whether the date signifies the effective date of the authorization of the sale of flood insurance in the area under the emergency or the regular flood insurance program. The entry reads as follows:

§ 1914.4 Status of participating communities.

* * * * * * *

State	County	Location	Map No.	State map repository	Local map repository	Effective date of authorization of sale of flood insurance for area
* * *	* * *	* * *	* * *	* * *	* * *	* * *
Connecticut	New London	Old Lyme, Town of.				Apr. 10, 1973. Emergency.
Illinois	Cook	Glencoe, Village of.				Do.
Michigan	Berrien	New Buffalo, City of.				Do.
Mississippi	Washington	Greenville, City of.				Do.
New York	Niagara	Newfane, Town of.				Do.
Oregon	Washington	Unincorporated areas.				Do.
Pennsylvania	Clinton	Castanea, Township of.				Do.
Do.	Lycoming	Clinton Township of.				Do.
Do.	do.	Piatt, Township of.				Do.
Do.	Montgomery	Conshohocken, Borough of.				Do.
Do.	Lebanon	East Hanover, Township of.				Do.
Wisconsin	Marinette	Niagara, Village of.				Do.

(National Flood Insurance Act of 1968 (title XIII of the Housing and Urban Development Act of 1968), effective Jan. 28, 1969 (33 FR 17804, Nov. 28, 1968); as amended (secs. 408-410, Public Law 91-152, Dec. 24, 1969), 42 U.S.C. 4001-4127; and Secretary's delegation of authority to Federal Insurance Administrator, 34 FR 2680, Feb. 27, 1969)

Issued: March 30, 1973.

GEORGE K. BERNSTEIN,
Federal Insurance Administrator.

[FR Doc.73-6592 Filed 4-5-73;8:45 am]

Title 41—Public Contracts and Property Management

CHAPTER I—FEDERAL PROCUREMENT REGULATIONS

[Temporary Reg. 27; Supp. 4]

PART 1-3—PROCUREMENT BY NEGOTIATION

Subpart 1-3.12—Cost Accounting Standards

Revision of Regulations Implemented by the Cost Accounting Standards Board

1. *Purpose.*—This regulation prescribes a report to (a) provide information desired by the Cost Accounting Standards Board assessing the effectiveness of its rules and regulations and (b) uncover problem areas requiring new or revised standards, rules, and regulations. A similar report has been perscribed in Defense Procurement Circular No. 105 which amended the Armed Services procurement regulation. This regulation also amends supplement 2 to Temporary Regulation 27 to make permanent the exemption for negotiated, competitive, firm fixed-price contracts set forth in paragraph 5(2)(g) of supplement 2.

2. *Effective date.*—This regulation is effective March 31, 1973. It may be observed earlier with respect to the report requirement prescribed by the regulation.

3. *Expiration date.*—This regulation will continue in effect until canceled.

4. *Background.*—See FPR Temporary Regulation 27 and supplements 1, 2, and 3.

5. *Agency implementation.*—a. Section 1-3.1207 is amended to change subparagraph (c)(2) to read as follows:

§ 1-3.1207 Contract price adjustments.

* * * * *

(c)(1) * * *

(2) Prepare a negotiation memorandum in accordance with § 1-3.811. This negotiation memorandum is of particular importance in that it will be used in reviewing the effectiveness of cost accounting standards, rules, and regulations. Copies of the memorandum shall be furnished to cognizant auditors and contracting officers of other agencies which have contracts affected by the negotiation. Those agencies shall execute supplemental agreements in the amounts negotiated.

b. Sections 1-3.1209 and 1-3.1210 are added, as follows:

§ 1-3.1209 Additional documentation.

The cognizant contracting officer shall prepare a memorandum indicating action taken on advisory audit reports which do not result in contract price adjustments.

§ 1-3.1210 Cost Accounting Standards Board report.

(a) An annual report is required to be furnished to the Cost Accounting Standards Board (CASB) by all Government agencies within 120 days after the close of each calendar year to provide the CASB with information to assess the effectiveness of the CASB publications and to reveal problem areas requiring new or revised CASB standards, rules, and regulations. Each agency's report will include information for all affected contracts, including other Federal agencies' contracts for which the reporting agency has cognizance. The first report will cover the 6-month period ending December 31, 1972. Subsequent reports will cover the full calendar year. Reports will be submitted to the Cost Accounting Standards Board, 441 G Street NW., Washington, D.C. 20548.

(b) Each civilian executive agency shall implement this regulation to ensure that (1) its cognizant contracting officers (if any) collect and report to a designated office for consolidation all of the information required by paragraph (c) of this § 1-3.1210 and (2) its cognizant contract auditors (if any) and its purchasing activities also provide information to the designated office with respect to subparagraph (c)(5) of this

§ 1-3.1210. If an agency has neither cognizant contracting officers nor cognizant contract auditors, its annual consolidated report to CASB would generally be limited to information from its purchasing activities with respect to subparagraph (c)(5) of this § 1-3.1210.

(c) Information to be included in the report to CASB:

(1) *Disclosure statement reviews for adequacy.*

	Initial submissions	Submissions due to changed practices
(i) Number of statements reviewed		
(ii) Number of statements returned to contractors due to inadequacy		
(iii) Number of inadequate entries for each statement item:		
(A) Item number		
(B) Item number		

(Continue as required)

This portion of the report is intended to show the number of disclosure statements from prime contractors that have been reviewed by the cognizant contracting officer and the number that were found to be inadequate and returned to the contractor. Resubmissions will not be counted. Informal discussions with contractors concerning their disclosure statements and voluntary corrections furnished by contractors shall not be reported.

(2) *Violations of disclosed practices and standards.* Violations determined for failure to follow:

	Number
(i) Disclosed practices:	
(A) Item No. --------	--------
(B) Item No. --------	--------
(ii) Cost accounting standards:	
(A) 4 CFR 401	--------
(B) 4 CFR 402	--------

(Other standards when issued)

Violations by prime contractors and subcontractors will be included only when the prime and subcontractors have been notified by the cognizant contracting officer. Each formal notification of noncompliance will be counted only once for each practice or standard violated, irrespective of the number of contracts the violations affect.

(3) *Substance of findings of noncompliance with CASB standards.*—This part of the report will consist of a summary of only those violations of the CASB standards cited in the findings of cognizant contracting officers which have been furnished to contractors in writing. Findings which cite substantially the same manner of violation will be reported only once. Each entry should state the substance of the violation being reported and should be grouped with other violations relating to the same standard; e.g.:

4 CFR 401

(i) (State substance of first violation.)

(ii) (Continue for each additional violation.)

(4) *Equitable adjustments.*—This part of the report is to show for each Federal agency the number and value of equitable adjustments completed during the reporting period covering new standards which resulted in cost increases and the number and value of equitable adjustments which resulted in cost decreases. A separate report shall be prepared for each standard. In addition, when the equitable adjustments involve more than one standard, an additional consolidated report shall be prepared citing the standards involved. The final result of each negotiated agreement shall be shown as a net increase or net decrease for each agency affected.

Federal agency	Cost increase		Cost decrease	
	Number of negotiated agreements	Total dollars	Number of negotiated agreements	Total dollars
DOD.....				
NASA.....				
AEC.....				
GSA.....				
(Etc.).....				

The following examples indicate how the reports from cognizant contracting officers relating to equitable adjustments shall be consolidated by the cognizant agency and reported to CASB pursuant to paragraph (b) of this § 1-3.1210:

Example 1.—One cognizant contracting officer reports a negotiated agreement with a contractor to recognize standard 4 CFR 403. Numerous contracts of DOD and NASA are involved. Some NASA contracts are increased, others are decreased for a net decrease to NASA of $100,000. In the case of DOD there is a net increase of $85,000. A second cognizant contracting officer reports a negotiated agreement involving 4 CFR 403 in which there is a net increase to NASA of $90,000 and a net decrease to DOD of $90,000. In a third negotiated agreement a cognizant contracting officer reports a decrease to NASA of $10,000 and an increase to DOD of $10,000. No other negotiated agreements involving only 4 CFR 403 are reported.

Using the above format, standard 4 CFR 403 would be cited. For DOD, under the heading "Cost Increase," the figure "2" would be inserted together with the dollar figure of "$95,000" ($85,000 plus $10,000). Under "Cost Decrease" the figure "1" would be inserted as well as the dollar figure of "$90,000." For NASA the figure "1" would be shown under "Cost Increase" together with "$90,000." Under "Cost Decrease" the figure "2" would be shown along with "$110,000."

Example 2.—One cognizant contracting officer reports a negotiated agreement involving standards 4 CFR 403 and 4 CFR 404. There is a net increase to DOD of $25,000, a decrease to NASA of $15,000, and a decrease to AEC of $5,000. A second cognizant contracting officer reports a negotiated agreement involving 4 CFR 404 and 4 CFR 405. There is a net decrease to DOD of $20,000 and a decrease to NASA of $10,000. A third cognizant contracting officer reports a negotiated agreement involving 4 CFR 403 and 4 CFR 405. There is a net decrease to DOD of $10,000 and an increase to AEC of $15,000.

Using the above format, standards 4 CFR 403, 404, and 405 would be cited. For DOD the figures under "Cost Increase" woud be "1" and "$25,000," respectively. The figures under "Cost Decrease" would be "2" and "$30,000." For NASA the figure "0" would be inserted for both the numbers and dollars under "Cost Increase." The "Cost Decrease" figures would be "2" and "$25,000." For AEC under "Cost Increase" the figures would be "1" and "$15,000." The figures under "Cost Decrease" would be "1" and "$5,000."

(5) *Comments on CASB promulgations.*—(i) Comment on the effect of the disclosure statement requirement and standards issued with respect to:

(A) Contractors' proposals;

(B) Cost estimation;

(C) Contract negotiation;

(D) Contract administration;

(E) Audits of contract proposals; and

(F) Audits of incurred costs.

Comments shall deal with the effect of CASB publications both individually and in total. For example, there may be improvements noted in contractors' proposals, or there may be information required that is not useful or necessary. Emphasis should be placed on significant problems being encountered, but comments of any other type may be furnished. Cognizant contracting officers and purchasing activities shall provide comments for items (A) through (D). Cognizant contract auditors shall provide comments for items (E) and (F).

(ii) Suggestions and recommendations for revising CASB standards, rules, or regulations to:

(A) Improve their effectiveness;

(B) Facilitate the conduct of negotiations;

(C) Facilitate the effectiveness of the procurement function; and

(D) Facilitate the effectiveness of the audit function.

All information required under this § 1-3.1210(c)(5) involves personal opinion and judgment. However, to the extent possible each comment or recommendation should relate to significant problems being encountered and should be substantiated through use of examples and actual data to support the logic of the suggestions and recommendations. Cognizant contracting officers and purchasing activities shall provide comments for items (A), (B), and (C). Cognizant contract auditors shall provide comments for items (A) and (D).

(6) *Docket numbers of dispute cases involving Cost Accounting Standards Board promulgations.*

Board of Contract Appeals (BCA) dockets numbers of all open cases	New cases	Old cases	Taken to court of claims

In the first column list the docket number of all appeals cases that are before the BCA. For those cases that were assigned docket numbers in the period covered by the report, place an "X" in the column under "New cases." Mark with an "X" under "Old cases" other cases carried over from previous periods. Place an "X" in the column under

"Taken to Court of Claims" if a contractor has taken an appeal to the Court of Claims.

c. Paragraph 5(2)(g) of supplement 2, FPR Temporary Regulation 27 (37 FR 23544, Nov. 4, 1972), prescribed an exemption for a specified class of firm fixed-price contracts which was effective for 120 days (subsequently extended to 150 days by supplement 3 to FPR Temporary Regulation 27). The exemption is revised and the time limitation is deleted. As revised, the exemption reads as follows:

In the award of negotiated nondefense contracts FPR Temporary Regulation 27 does not apply to concerns where a firm fixed-price contract is to be awarded after receiving offers from at least two firms not associated with each other: *Providing*, That (1) the solicitation to all competing firms is identical; (2) price is the only consideration in selecting the contractor from among the competing firms solicited; and (3) the lowest offer received in compliance with the solicitation from among those solicited is accepted; and *Providing further*, That the profit center, division, or similar organizational unit of a company to which the contract is to be awarded is not on the date of such award performing a contract or subcontract subject to the Cost Accounting Standards clause (for the purpose of the second proviso, performance of a contract or subcontract extends from the date of award of the contract to the date when the work required by the contract is completed).

6. *Industry comments.*—Business concerns, industry associations, and other interested parties are cordially invited to comment on the exemption prescribed by paragraph 5(c) of this regulation if they desire to do so.

ARTHUR F. SAMPSON,
Acting Administrator of General Services.

MARCH 30, 1973.

[FR Doc.73-6634 Filed 4-5-73;8:45 am]

[Temporary Reg. 30]

PART 114-1—INTRODUCTION

Subpart 114-1.1—Regulations System

Correction

In FR Doc. 73-5979, appearing at page 8155 for the issue for Thursday, March 29, 1973, in the second column of page 8158, the amendatory language which appears immediately after "Subpart 114-1.1—Regulations System" and which now refers to "Section 114-1.100", should refer to "Section 114-1.110". The section number which follows the amendatory language should also read "§ 114-1.110".

Title 45—Public Welfare

CHAPTER II—SOCIAL AND REHABILITATION SERVICE (ASSISTANCE PROGRAMS), DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PART 205—GENERAL ADMINISTRATION—PUBLIC ASSISTANCE PROGRAMS

PART 233—COVERAGE AND CONDITIONS OF ELIGIBILITY IN FINANCIAL ASSISTANCE PROGRAMS

Improvements in Quality Control System and Reduction of Payment Error

Notice of proposed rulemaking for the programs administered under titles I, IV-A, X, XIV, XVI, and XIX of the Social Security Act was published on December 5, 1972 (37 FR 25853), the regulation to become effective January 1, 1973. Subsequently, the time for making comments on the proposal was extended, and the effective date of January 1, 1973, was deleted with the statement that regulations would become effective no later than April 1, 1973, and that the additional time would "enable staff of the Department to consult with State public assistance agencies and other interested persons regarding the proposed regulations and other related regulations of the Department, with the objective of seeking the best means of assuring the validity of assistance payments." (37 FR 27636, Dec. 19, 1972.)

Numerous comments on the December 5 proposal were received, and extensive discussions were held with concerned groups and individuals. In light of the comments and suggestions received, the proposed regulations of December 5 have been amended as set forth below, and, as so amended, are herewith adopted.

As originally proposed, the regulations would have excluded from Federal financial participation, as of January 1, 1973, all expenditures for payments for ineligible cases and overpayments for eligible cases in the programs of financial and medical assistance under titles I, IV-A, X, XIV, XVI, and XIX of the Social Security Act. As amended, the regulations provide for increased efforts to improve the structure of the quality control system established by 45 CFR 205.40, accurately determine rates of error, and take corrective action to reduce the level of erroneous payments in the AFDC program in manageable stages.

Specifically, the regulations amend § 205.40 and add a new § 205.41 to part 205 of title 45 to provide for more comprehensive quality control plans to assure more reliable identification and elimination of the causes of erroneous payments, and to establish reasonable targets for eliminating error which States are expected to achieve commencing January 1, 1974. In preparation for the more vigorous program of corrective action, it is anticipated that States will compile accurate data for the period April 1, 1973, to September 30, 1973, establishing the incidence of and costs associated with assistance provided to ineligible cases and overpayments to eligible cases. The data for this period will provide a standard against which subsequent State activity to reduce error will be measured. The rate of Federal financial participation in State expenditures will correlate with the extent to which States meet their individualized goals, with a view to achieving, by the 6-month period beginning January 1, 1975, interim national tolerance levels of 3 percent on assistance to ineligibles and 5 percent on overpayments to eligibles, and will subsequently depend on reduction of error below such levels.

State programs (except those of Guam, Puerto Rico, and the Virgin Islands) under titles I, X, XIV, and XVI of the act are to be removed from the quality control system established by § 205.40, and will not be subject to the corrective action and error reduction goals of the revised regulation. The programs created by those titles are repealed, effective January 1, 1974, by Public Law 92-603, 86 Stat. 1329 (1972), to be replaced by a Federal program of supplemental security income for the aged, blind and disabled. It was concluded that the revised quality control and error reduction program would take effect too late to have significant impact on the superseded programs and that the process of converting those programs from State to Federal administration would itself result in the identification of significant numbers of erroneous eligibility and payment determinations.

Also published and adopted herewith is a technical, conforming amendment to § 233.10(b)(1) to make clear that Federal financial participation is available only in State payments made in accordance with approved State plan conditions prescribing standards of eligibility. Formerly, no question regarding the propriety of Federal financial participation was raised concerning State payments made to individuals ineligible under State standards but who would have been eligible if the State standards were as broad as permitted by the Federal statute. In view of the revised approach toward corrective action based on information produced by the quality control system, the State plan itself is the appropriate basis for determining Federal financial participation, as it promotes sounder and more consistent administration of State plans.

In addition to comments and suggestions on the quality control and error reduction program proposed on December 5, and adopted herewith as revised, many comments were received on regulations of the Department which are related to methods of determining eligibility and the amount of assistance, fair hearings, and overpayments to individuals. Proposed revisions responsive to those comments will be published in the FEDERAL REGISTER in the near future.

Chapter II, title 45, Code of Federal Regulations, is amended as set forth below:

1. Section 205.40 is revised to read as follows:

§ 205.40 Quality control system.

State plan requirements.—A State plan under title IV-A or XIX of the Social Security Act must provide for a system of quality control, which meets Federal specifications, for assuring that assistance is furnished in accordance with State plan provisions. Under this requirement:

(a) The State agency's system of quality control shall:

(1) Apply the sampling methods, schedules, and instructions prescribed by the Social and Rehabilitation Service;

(2) Conduct field investigations, including a personal interview in all cases which fall within the sample;

(3) Take appropriate corrective action on improperly authorized assistance and system weaknesses;

(4) Report to the Federal Government as prescribed;

(5) Assure access by Federal staff to State and local records, recipients, and third parties.

(b) The State agency shall submit to the Social and Rehabilitation Service, in accordance with Federal instructions:

(1) A description of the State's sampling plan;

(2) A comprehensive plan for analysis of and corrective action on the findings of the quality control system;

(3) Data, no later than November 30, 1973, concerning the rates of payment for ineligible recipients and overpayments for eligible recipients under title IV-A for the period April 1, 1973, to September 30, 1973. Commencing January 1, 1974, such data must be forwarded within 60 days of the close of the 6-month period to which they apply. Submission of quality control data applicable to the period January 1, 1973, to March 31, 1973, and to the period October 1, 1973, to December 31, 1973, will not be required; and

(4) A schedule for reducing the level of payments to ineligible recipients and of overpayments for eligible recipients to achieve, as of the 6-month period beginning January 1, 1975, a 3-percent-tolerance level on incorrect eligibility decisions and a 5-percent-tolerance level on overpayments to eligible recipients. Prior to July 1, 1975, the State shall set forth a schedule for further reducing erroneous payments.

(c) For Guam, Puerto Rico, and the Virgin Islands, this section is also applicable to public assistance under title I, X, XIV, or XVI of the Social Security Act.

2. A new § 205.41 is added to part 205, as set forth below:

§ 205.41 Federal financial participation in relation to erroneous State payments.

(a) Effective January 1, 1974, there shall be excluded from Federal financial participation in payments as aid to families with dependent children the proportions of a State's expenditures for ineligibles or for overpayments represented by the following percentages of cases in error:

(1) With respect to ineligible payments, for the 6-month period commencing

(i) January 1, 1974, one-third of the difference between the State's rate of ineligible cases for the period April 1, 1973, to September 30, 1973, and 3 percent;

(ii) July 1, 1974, two-thirds of such difference;

(iii) January 1, 1975, all of such difference.

(2) With respect to overpayments, for the 6-month period commencing

(i) January 1, 1974, one-third of the difference between the State's rate of overpayments in the eligible caseload for the period April 1, 1973, to September 30, 1973, and 5 percent;

(ii) July 1, 1974, two-thirds of such difference;

(iii) January 1, 1975, all of such difference.

(3) In addition, if the State's rate of ineligible cases or overpayments for any 6-month period exceeds that for the period April 1, 1973, to September 30, 1973, the difference between such rates.

(b) The amount of Federal financial participation to be excluded for each of the above specified periods will be determined from data filed with, and in accordance with methods prescribed by, the Social and Rehabilitation Service.

(c) For Guam, Puerto Rico, and the Virgin Islands, this section is also applicable to public assistance under title I, X, XIV, or XVI of the Social Security Act.

3. Section 233.10(b)(1) is revised as follows:

§ 233.10 General provisions regarding coverage and eligibility.

* * * * *

(b) *Federal financial participation.*—(1) The provisions which govern Federal financial participation in assistance payments are set forth in the Social Security Act, throughout this chapter, and in other policy issuances of the Secretary. Where indicated, State plan provisions are prerequisite to Federal financial participation with respect to the applicable groups and payments. State plan provisions on need, the amount of assistance, and eligibility determine the limits of Federal financial participation. Federal financial participation is excluded from assistance payments in which the State refuses to participate because of the failure of a local authority to apply such State plan provisions.

* * * * *

(Sec. 1102, 49 Stat. 647 (42 U.S.C. 1302).)

Effective date.—These regulations shall be effective on April 6, 1973.

Dated March 30, 1973.

FRANCIS D. DEGEORGE,
Acting Administrator, Social and Rehabilitation Service.

Approved April 3, 1973.

CASPAR W. WEINBERGER,
Secretary.

[FR Doc.73-6747 Filed 4-5-73;8:45 am]

Title 47—Telecommunication

CHAPTER I—FEDERAL COMMUNICATIONS COMMISSION

[Docket No. 16979; FCC 73-342]

PART 0—COMMISSION ORGANIZATION

PART 64—MISCELLANEOUS RULES RELATING TO COMMON CARRIERS

Interdependence of Computer and Communication Services and Facilities

In the matter of regulatory and policy problems presented by the interdependence of computer and communication services and facilities.

1. We have under consideration the decision of the U.S. Court of Appeals for the Second Circuit[1] in which the court, upon judicial review, affirmed our final decisions and rules adopted herein[2] except for subparagraphs (4) and (5) of § 64.702(c) of the rules. The mandate from the court was received by the Commission on March 16, 1973, thereby lifting an earlier order issued by the court by which the effectiveness of our decisions and rules was stayed pendente lite.

2. We also have under consideration language appearing in the ordering paragraph of our 1971 Final Decision and Order herein (28 FCC 2d 267, at pages 285-286) wherein we specified that certain provisions of our rules would not be effective until after 6 months from the effective date of our Final Decision and Order.

3. To remove any uncertainty regarding the content and effective dates of our rules, as affirmed by the court, we are hereby restating the full text of such rules (omitting the portions overruled by the court) below and are specifying herein the effective dates of such rules.

4. *Accordingly, it is ordered,* That pursuant to section 4(i) of the Communications Act, 47 U.S.C. 154(i), the rules set forth below are effective May 8, 1973, except as expressly set forth in the next ordering paragraph.

5. *It is further ordered,* That, (a) all common carriers providing data processing services, as of May 8, 1973, either directly or through established data processing affiliates, which carriers are not exempted from the provisions of § 64.702(c) by the application of § 64.702(b), shall within 6 months from May 8, 1973, comply fully with the provisions of § 64.702(c) of the Commission's rules. All such carriers shall, during this 6-month period, comply fully with all other provisions of our rules, and shall submit reports every 60 days

[1] GTE Service Corp. et al. v. FCC et al., U.S. Court of Appeals, Second Circuit, Slip Opinion, Feb. 1, 1973, Nos. 71-1300 et al.

[2] Final Decision and Order, 28 FCC 2d 267 (1971); Memorandum Opinion and Order (denying petitions for reconsideration), 34 FCC 2d 557 (1972), 37 FR 7609.

of progress made toward complete compliance with § 64.702(c). The initial report shall contain a complete description of the existing or proposed organization, facilities, and operations of the data processing affiliate(s), together with copies of all agreements and memoranda or other arrangements between carrier and affiliate(s); (b) any common carrier not furnishing data processing services on the effective date of this order, either directly or through previously established data processing affiliates, which carrier is not exempted from the provisions of § 64.702(c) by the application of § 64.702(b) of the Commission's rules, shall not inaugurate such services except in full compliance with our rules including § 64.702(c), and shall, within 60 days after it commences such services, submit to the Commission a written report setting forth a complete description of the organization facilities and operations of the data processing affiliate(s), together with copies of all agreements and memoranda or other arrangements between carrier and affiliate(s).

6. *It is further ordered*, That, ITT and RCA, within 30 days from May 8, 1973, shall file tariffs covering their ARX and AIRCON services, respectively.

7. *It is further ordered*, That this proceeding is terminated.

(Secs. 4, 303, 48 Stat., as amended, 1066, 1082; 47 U.S.C. 154, 303)

Adopted March 29, 1973.

Released April 3, 1973.

FEDERAL COMMUNICATIONS COMMISSION,[3]

[SEAL] BEN F. WAPLE,
Secretary.

1. Part 0 of chapter I of title 47 of the Code of Federal Regulations is amended by the addition of a new § 0.308 in subpart B to read as follows:

§ 0.308 Authority concerning hybrid services.

The Chief of the Common Carrier Bureau is delegated authority to act upon submissions filed under § 64.702 (e), (f), and (g) of this chapter with respect to proposed hybrid service offerings of common carriers and data processing affiliates of common carriers, and proposed discontinuances by common carriers of communications services.

2. Part 64 of chapter I of title 47 of the Code of Federal Regulations is amended by adding a new subpart F and new § 64.702 to read as follows:

Subpart F—Participation in Data Processing by Communications Common Carriers

§ 64.702 Furnishing of data processing services.

a. For the purpose of this subpart—

(1) "Data processing" is the use of a computer for the processing of information as distinguished from circuit or message-switching. "Processing" involves the use of the computer for operations which include, inter alia, the functions of storing, retrieving, sorting, merging, and calculating data, according to programed instructions.

(2) "Message-switching" is the computer-controlled transmission of messages, between two or more points, via communications facilities, wherein the content of the message remains unaltered.

(3) "Local data processing service" is an offering of data processing wherein communications facilities are not involved in serving the customer.

(4) "Remote access data processing service" is an offering of data processing wherein communications facilities, linking a central computer to remote customer terminals, provide a vehicle for the transmission of data between such computer and customer terminals.

(5) "Hybrid service" is an offering of service which combines remote access data processing and message-switching to form a single integrated service.

(i) "Hybrid data processing service" is a hybrid service offering wherein the message-switching capability is incidental to the data processing function or purpose.

(ii) "Hybrid communication service" is a hybrid service offering wherein the data processing capability is incidental to the message-switching function or purpose.

(b) Except as provided herein, no common carrier subject, in whole or in part, to the Communications Act shall engage directly or indirectly in furnishing data processing service to others except as expressly provided in paragraph (c) of this section. This prohibition shall apply to all communications common carriers, including section 2(b)(2) carriers, where any carrier itself has annual operating revenues exceeding $1 million or any such carrier is directly or indirectly controlled by, or is under common control with, another carrier or carriers, and the combined annual revenues of all such carriers exceed $1 million.

(c) Except for companies of the Bell System, common carriers may, subject to other provisions of law, have a controlling or lesser interest in, or be under common control with, a separate corporate entity that furnishes data processing service to others provided the following conditions are met:

(1) Each such separate corporation must maintain its own books of account, have separate officers, utilize separate operating personnel, and utilize computing equipment and facilities separate from those of the carrier for its data processing service offerings.

(2) Each such common carrier shall file with the Commission a complete statement of the terms and conditions of every written or oral contract, agreement, or other arrangement entered into between such carrier and any such separate corporation within 30 days after the contract, agreement, or other arrangement is made.

(3) No such common carrier subject to the prohibition of paragraph (b) of this section shall engage in the sale or promotion of data processing services on behalf of any such separate corporation.

(d) No common carrier subject in whole or in part to the Communications Act of 1934, as amended, shall sell, lease, or otherwise make available to any other entity any capacity or computer system component on its computer system or systems which that carrier uses in any way for the provision of its common carrier communications services.

(e) Any common carrier intending to file a tariff respecting a service offering which it considers to be a hybrid communication service shall, at least 90 days prior to the intended effective date of such tariff, submit to the Commission a complete description of the service, along with a statement of its reasons for concluding that the proposed service is a hybrid communications service. Whereupon:

(1) If, at the end of 60 days after such notice is filed with the Commission, the Commission has not advised the carrier of contrary findings respecting its proposed hybrid communication service, the carrier may proceed to file appropriate tariffs in accordance with applicable provisions of the Commission's rules; or

(2) If the carrier is advised within 60 days after the Commission's receipt of notice that the Commission has tentatively concluded that the proposed offering is not a hybrid communication service, the carrier may seek reconsideration of the tentative conclusion, request a hearing on any disputed factual findings or pursue such other remedies as are provided by law.

(f) Before a common carrier may provide its data processing affiliate with communication services and facilities which the latter desires to use for the furnishing of any hybrid data processing service, the carrier shall first submit, directly or through its affiliate, a complete description of the proposed service offering, along with a statement of the reasons for concluding that the service is a hybrid data processing service. The carrier may provide such service unless, within 30 days from the receipt of such notice, the Commission shall have advised the carrier or its affiliate of the Commission's tentative conclusion that the intended service is a communications service. If the carrier and its affiliate disagree therewith, the carrier may seek reconsideration of the tentative conclusion, request a hearing on any disputed factual findings or pursue such other remedies as are provided by law.

(g) No common carrier providing a communication service, hybrid or otherwise, may discontinue such tariffed service until authorization to do so is obtained from the Commission. In seeking authorization to discontinue a service, a carrier must:

(1) Demonstrate that neither the present nor future public convenience and necessity will be adversely affected by the

[3] Commissioner Reid absent.

discontinuance. Such demonstration shall include whether and to what extent there is a demand for the communication service, the entity or entities which would continue to provide such service if discontinued by the carrier, and the comments of existing customers on any proposed modification of the service and its offering by a carrier's data processing affiliate;

(2) Demonstrate the nature and extent of the public demand for any modified service proposed to be rendered as a hybrid data processing service; and

(3) Submit full information as to the disposition of any of the facilities used in the communication service, including relevant financial arrangements, the accounting to be performed by the carrier with respect to the transaction, and the treatment of any losses sustained in the provision of the communication service.

[FR Doc.73-6687 Filed 4-5-73;8:45 am]

[Docket No. 19628; FCC 73-352]

PART 73—RADIO BROADCAST SERVICES

FM Broadcast Stations in Union Springs and Tallassee, Ala.

Second report and order. In the matter of amendment of § 73.202(b), table of assignments, FM broadcast stations. (Union Springs and Tallassee, Ala.). Docket No. 19628, RM-1902, RM-2040.

1. In a first report and order released on March 7, 1973 (FCC 73-239), 38 FR 6826, the Commission disposed of RM-1902 (Union Springs, Ala.) in the above-captioned proceeding. The present document deals with the remaining matter. The determination made herein includes consideration of all comments, data, and reply comments submitted in response to the notice. All population figures referred to herein are from the 1970 U.S. census.

2. Our proposal in the notice of proposed rulemaking (FCC 72-995, 37 FR 24369) was based on a petition for rulemaking filed by The Ne-Ler Co. (Ne-Ler), requesting the assignment of channel 240A to Tallassee, Ala.

3. Tallassee has a population of 4,809 and is located partly in two counties, Tallapoosa and Elmore (combined population 33,535). It has a daytime AM station licensed to the petitioned. It is noted by the petitioner that in addition to providing a first local nighttime facility to Tallassee, the proposed FM assignment would provide a second aural service at night to both Tallapoosa and Elmore Counties.

4. All Channel TV Service, Inc. (All Channel TV), in timely filed comments and counterproposal, states that Tuskegee (11,028 population) is the seat of Macon County (24,841 population). It notes that Macon County does not have any standard broadcast station other than a daytime-only station located in Tuskegee, and, accordingly, assignment of channel 240A to Tuskegee would provide Macon County with its only aural nighttime outlet and with its first FM station. All Channel TV contends that Tallassee has a 1970 U.S. census population of 4,809, whereas Tuskegee's 1970 census population is 11,028 or more than double that of Tallassee; and while both Tallassee and Tuskegee receive primary service from only one FM station, the service to Tallassee comes from the nearby, in-state station WCOV-FM, Montgomery, Ala., and the service to Tuskegee comes from out-of-state station WRBL-FM, Columbus, Ga. All Channel TV further contends that station WABT (daytime only) is the only aural outlet of not only Tuskegee, but of Macon County, as well, while on the other hand Tallassee is partly located in two counties, Tallapoosa and Elmore, which have other stations in addition to station WTLS (daytime only) at Tallassee, namely: Station WEPU (daytime only) Wetumpka; station WRFS (daytime only), and WRFS-FM, Alexander City.

5. Ne-Ler, in reply comments to All Channel TV's counterproposal,[1] contends that the proposed assignment of channel 240A to Tallassee would provide an FM service to an area which receives fewer services than the area that would be served by an FM station at Tuskegee. However, the Ne-Ler technical showing is made on the basis of presently existing facilities. If the showing were made in accordance with Roanoke Rapids-Goldsboro, N.C., criteria (9 FCC 2d 672 (1967)), the number of services that would be available would be the opposite.

6. Using the latter criteria, the situation would be as follows: Tallassee and the area surrounding it would lie within the 1 mV/m contours of five stations (channels 222, 255, 270, 277 at Montgomery, Ala.; channel 291 at Alexander City, Ala.). On the other hand, Tuskegee and the area surrounding it would lie within the 1 mV/m contour of only one station (channel 275 of Columbus, Ga.), although portions of Tuskegee would lie within the 1 mV/m contours of the four stations located at Montgomery. Moreover, since Tallassee is closer to Montgomery and to Alexander City than Tuskegee is to Montgomery and to Columbus, a larger number of other services would be available within most of the 1 mV/m contour of a Tallassee station than would be available within most of the 1 mV/m contour of a Tuskegee station. This is so even though the 1 mV/m contour of a Tuskegee station would overlap the 1 mV/m contours of three stations (channels 249A, 261A, and 289, at Auburn, Phenix City, and Troy, Ala., respectively) in addition to overlapping the five Montgomery and Columbus stations, whereas the 1 mV/m contour of a Tallassee station would overlap the 1 mV/m contour of only one station (channel 289, Auburn) in addition to overlapping the five Montgomery and Alexander City stations.

7. Neither a station at Tallassee nor one at Tuskegee would provide a first service to any area within its 1 mV/m contour. Each would provide a second service, however, and the areas so served would be nearly equal in size.

8. After careful consideration of the proposal, counterproposal, comments, and reply comments we conclude that since Tuskegee is a county seat and has a larger population—11,028 as compared to 4,809 for Tallassee—and would provide for a third service to a larger area, assignment of channel 240A to Tuskegee would serve the public interest and should be granted.

9. Authority for the amendment adopted herein is found in sections 4(i), 303 (g) and (r), and 307(b) of the Communications Act of 1934, as amended.

10. *Accordingly, it is ordered,* That effective May 9, 1973, the table of assignments contained in § 73.202(b) of the Commission's rules and regulations is amended, insofar as the community named below is concerned to read as follows:

City:	*Channel No.*
Tuskegee, Ala	240A

11. *It is further ordered,* That the motion to strike reply comments of the Ne-Ler Co., filed February 23, 1973, by All Channel TV Service, Inc., is denied.

12. *It is further ordered,* That this proceeding is terminated.

(Secs. 4, 303, 307, 48 Stat., as amended, 1066, 1082, 1083; 47 U.S.C. 154, 303, 307)

Adopted: March 29, 1973.

Released: April 3, 1973.

FEDERAL COMMUNICATIONS COMMISSION,[2]
[SEAL] BEN F. WAPLE,
Secretary.

[FR Doc.73-6689 Filed 4-5-73;8:45 am]

[Docket No. 19598; FCC 73-353]

PART 73—RADIO BROADCAST SERVICES

FM Broadcast Table of Assignments for Certain Cities in Certain States

Second report and order. In the matter of amendment of § 73.202(b), Table of Assignments, FM Broadcast Stations. (Washington, Iowa; Centerville, Tenn.; Winnsboro, Tex.; Stanton, Ky.; Gordon, Ga.; Mercersburg, Pa.; Elkader, Iowa; and Kernville, Calif., Docket No. 19598, RM-1926, RM-1993, RM-1969, RM-1996, RM-1972, RM-2009, RM-1988, RM-2010.)

1. In a first report and order in this proceeding released December 18, 1972 (FCC 72-1134, 38 FCC 2d 532), the Commission disposed of all the matters before it except RM-2010, which pertains to the proposed assignment of a class A channel to Kernville, Calif., as discussed below. Comments were first invited on the proposal in our notice of proposed rulemaking released in this proceeding on October 2, 1972 (37 FR 21353). The determination made herein is based upon

[1] On Feb. 23, 1973, All Channel TV filed a motion to strike reply comments of Ne-Ler on the grounds that the basic assumptions relied upon by the Ne-Ler consulting engineer are at variance with the criteria for evaluating "white area" situations. Since the reply comments of Ne-Ler were filed in accordance with the cutoff procedure, the motion will be denied.

[2] Commissioner Reid absent.

a study of all the comments and data submitted in response to the notice.

2. RM-2010, Kernville, Calif. On July 7, 1972, Kern River Valley Radio, Inc. (Kern River), a corporation of the State of California, filed a petition for rulemaking requesting the assignment of channel 272A to Kernville, Calif. Kernville is an unincorporated community in the Lake Isabella region (9,240 population)[1] of Kern County (329,162 population). It is located in central California, immediately north of Los Angeles County. In the notice of proposed rulemaking we set out information pertaining to the need for a first FM assignment to Kernville, Calif., and will not repeat it here. Kernville and the Lake Isabella region presently have no local broadcast transmission service of any type. Petitioner states that the assignment of the proposed channel will provide a means of dissemination of local news and items of interest, furnishing a medium for local expression and talent, and would serve as an initial means of advertising for local merchants and businessmen.

3. Comments were filed by Kern River Valley Radio, Inc. (petitioner) and John M. Ridenour (Ridenour). Kern River supports the proposed assignment of channel 272A to Kernville. Ridenour states that he has no objection to the assignment of channel 272A to Kernville provided that such an assignment does not serve to militate against consideration of his application for a first AM facility in the area.

4. The assignment of channel 272A to Kernville would not foreclose consideration of an AM station there. Kernville is an isolated community, 38 miles from Bakersfield and 41 miles from Porterville where aural broadcast stations are located, and does not receive aural broadcast services as defined by § 73.37(e) of the rules.[2] Thus it would qualify for at least two aural broadcast stations as provided by that rule. The assignment of channel 272A would provide for a first FM station which would also be a first aural broadcast service to Kernville.

5. In view of the foregoing, the public interest, convenience, and necessity would be served by the assignment of channel 272A to Kernville, Calif. *Accordingly, It is ordered,* That effective May 9, 1973, the table of FM assignments, § 73.202(b) of the rules, is amended, to read as follows:

City:	*Channel No.*
Kernville, Calif	272A

Authority for the action taken herein is contained in sections 4(i), 303 (g) and (r), and 307(b) of the Communications Act of 1934, as amended.

6. *It is further ordered,* That this proceeding is terminated.

[1] Population figures are from the 1970 U.S. census reports.

[2] This provision, adopted in our report and order in docket No. 18651, FCC 73-220, Feb. 21, 1973, becomes effective Apr. 11, 1973.

(Secs. 4, 303, 307, 48 Stat., as amended, 1066, 1082, 1083; 47 U.S.C. 154, 303, 307)

Adopted March 29, 1973.

Released April 3, 1973.

FEDERAL COMMUNICATIONS COMMISSION,[3]
[SEAL] BEN F. WAPLE,
Secretary.

[FR Doc.73-6688 Filed 4-5-73;8:45 am]

[3] Commissioner Reid absent.

Title 7—Agriculture

CHAPTER IX—AGRICULTURAL MARKETING SERVICE (MARKETING AGREEMENTS AND ORDERS; FRUITS, VEGETABLES, NUTS), DEPARTMENT OF AGRICULTURE

[Lemon Reg. 580]

PART 910—LEMONS GROWN IN CALIFORNIA AND ARIZONA

Limitation of Handling

This regulation fixes the quantity of California-Arizona lemons that may be shipped to fresh market during the weekly regulation period April 8-14, 1973. It is issued pursuant to the Agricultural Marketing Agreement Act of 1937, as amended, and marketing order No. 910. The quantity of lemons so fixed was arrived at after consideration of the total available supply of lemons, the quantity of lemons currently available for market, the fresh market demand for lemons, lemon prices, and the relationship of season average returns to the parity price for lemons.

§ 910.880 Lemon regulation 580.

(a) *Findings.*—(1) Pursuant to the marketing agreement, as amended, and order No. 910, as amended (7 CFR part 910), regulating the handling of lemons grown in California and Arizona, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674), and upon the basis of the recommendations and information submitted by the Lemon Administrative Committee, established under the said amended marketing agreement and order, and upon other available information, it is hereby found that the limitation of handling of such lemons, as hereinafter provided, will tend to effectuate the declare policy of the act.

(2) The need for this section to limit the quantity of lemons that may be marketed during the ensuing week stems from the production and marketing situation confronting the lemon industry.

(i) The committee has submitted its recommendation with respect to the quality of lemons it deems advisable to be handled during the ensuing week. Such recommendation resulted from consideration of the factors enumerated in the order. The committee further reports the demand for lemons continues to ease, with sales this week estimated to decline 5 to 10 percent below last week. Average f.o.b. price was $5.31 per carton the week ended March 31, 1973, compared to $5.47 per carton the previous week. Track and rolling supplies at 140 cars were down 20 cars from last week.

(ii) Having considered the recommendation and information submitted by the committee, and other available information, the Secretary finds that the quantity of lemons which may be handled should be fixed as hereinafter set forth.

(3) It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice, engage in public rulemaking procedure, and postpone the effective date of this section until 30 days after publication hereof in the FEDERAL REGISTER (5 U.S.C. 553) because the time intervening between the date when information upon which this section is based became available and the time when this section must become effective in order to effectuate the declared policy of the act is insufficient, and a reasonable time is permitted, under the circumstances, for preparation for such effective time; and good cause exists for making the provisions hereof effective as hereinafter set forth. The committee held an open meeting during the current week, after giving due notice thereof, to consider supply and market conditions for lemons and the need for regulation; interested persons were afforded an opportunity to submit information and views at this meeting; the recommendation and supporting information for regulation during the period specified herein were promptly submitted to the Department after such meeting was held; the provisions of this section, including its effective time, are identical with the aforesaid recommendation of the committee, and information concerning such provisions and effective time has been disseminated among handlers of such lemons; it is necessary, in order to effectuate the declared policy of the act, to make this section effective during the period herein specified; and compliance with this section will not require any special preparation on the part of persons subject hereto which cannot be completed on or before the effective date hereof. Such committee meeting was held on April 3, 1973.

(b) *Order.*—(1) The quantity of lemons grown in California and Arizona which may be handled during the period April 8, 1973, through April 14, 1973, is hereby fixed at 235,000 cartons.

(2) As used in this section, "handled," and "carton(s)" have the same meaning as when used in the said amended marketing agreement and order.

(Secs. 1-19, 48 Stat. 31, as amended; 7 U.S.C. 601-674)

Dated April 5, 1973.

PAUL A. NICHOLSON,
Deputy Director, Fruit and Vegetable Division, Agricultural Marketing Service.

[FR Doc.73-6853 Filed 4-5-73;2:36 pm]

CHAPTER X—AGRICULTURAL MARKETING SERVICE

PART 1103—MILK IN THE MISSISSIPPI MARKETING AREA

Termination of Order

Determinations.—It is hereby determined that termination of the Mississippi order, part 1103 is favored by a majority of the producers engaged in the production of milk for sale in the marketing area in the representative period determined to be February 1973, and that such producers produced more than 50 percent of the milk for sale in the Mississippi marketing area in such representative period.

Pursuant to the provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601 et seq.), it is hereby ordered that all of the order, as amended, regulating the handling of milk in the Mississippi marketing area (7 CFR part 1103), except that part of § 1103.1 which incorporates §§ 1000.4 (c) and (d), 1000.5 (b) and (c), and 1000.6 of the general provisions, is terminated effective midnight, April 30, 1973.

Additional determinations.—It is hereby found and determined that the notice of proposed rulemaking, public procedure thereon, and 30 days' notice of the effective date hereof are impractical and unnecessary. Section 608(c)(16)(B) of the act requires that if a majority of the producers engaged in the production of milk for sale in the marketing area in a representative period determined by the Secretary favored termination of the order, and such producers produced more than 50 percent of the milk produced for sale in the marketing area in the representative period, that such order shall be terminated at the end of the current marketing period. The current marketing period is April 1973. It is therefore necessary that the provisions of the order, as amended, as described above, subject to specified exceptions, be terminated effective midnight April 30, 1973.

(Secs. 1-19, 48 Stat. 31, as amended; 7 U.S.C. 601-674)

Effective date.—Midnight, April 30, 1973.

Signed at Washington, D.C., on April 3, 1973.

CLAYTON YEUTTER,
Assistant Secretary.

[FR Doc.73-6631 Filed 4-5-73;8:45 am]

Proposed Rules

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 rulemaking prior to the adoption of the final rules.

DEPARTMENT OF THE INTERIOR

National Park Service

[36 CFR Part 7]

ROCKY MOUNTAIN NATIONAL PARK, COLO.

Fishing

Notice is hereby given that pursuant to the authority contained in section 3 of the act of August 25, 1916 (39 Stat. 535, as amended; 16 U.S.C. 3) section 4 of the act of January 26, 1915 (38 Stat. 800, as amended; 16 U.S.C. 195), 245 DM1 (34 FR 13879) National Park Service Order No. 66 (36 FR 21218), and Regional Director, Midwest Region Order No. 5 (37 FR 6324), it is proposed to revise paragraph (a) § 7.7 of title 36 of the Code of Federal Regulations as set forth below.

The purpose of this revision is to permit fishing in Black Canyon Creek and Bear Lake, which had previously been closed, and to establish restrictions on the methods of taking and the possession of fish in the park. The long-range objective of management is to restore the dynamics of the natural aquatic ecosystems. These restrictions will reduce the impact of the removal of fish from the ecosystem but still allow appreciation of this resource through angling.

It is the policy of the Department of the Interior, whenever practicable, to afford the public an opportunity to participate in the rulemaking process. Accordingly, interested persons may submit written comments, suggestions, or objections to the Superintendent, Rocky Mountain National Park, Estes Park, Colo. 80517, on or before May 7, 1973.

Section 7.7 is revised to read as follows:

§ 7.7 Rocky Mountain National Park.

(a) Fishing.

(1) Possession limit. Possession limit shall mean the numbers, sizes, or species of fish that may be in the possession of a person regardless if fresh or preserved. All fish a person does not elect to keep, or which do not meet the possession requirements, shall be carefully and immediately returned to the waters from which they were taken.

(i) The possession limit for cutthroat trout is four fish, which must be 10 inches or longer. This provision has parkwide application except as provided in paragraph (a)(3) of this section.

(ii) The possession limit for brook trout, rainbow trout, and brown trout, is six fish, with no minimum length requirement. This provision has parkwide application except as provided in paragraph (a)(3) of this section.

(2) Method of capture.

(i) Each person fishing in park water shall use only one hand-held rod or line.

(ii) Only artificial lures or flies with one (single, double, or treble) hook with a common shank may be used in park waters.

(iii) When in possession of any fishing equipment, the possession of fish bait, including worms, insects, minnows, fish eggs, other organic matter, or parts thereof, is prohibited.

(3) Special management area. The Colorado River above its intersection with the park boundary (between sections 25 and 36, T. 4 N., R. 76 W.), to the confluence of Timber Creek is designated as a special management area. Brown trout, rainbow trout, and cutthroat trout caught in this section of river must be 14 inches in length to be retained in possession.

(4) Closed waters. Bear Lake is closed to fishing during the period April 1 to October 31.

ROGER J. CONTOR,
Superintendent,
Rocky Mountain National Park.

[FR Doc.73-6612 Filed 4-5-73;8:45 am]

DEPARTMENT OF AGRICULTURE

Agricultural Marketing Service

[7 CFR Part 908]

HANDLING OF VALENCIA ORANGES GROWN IN ARIZONA AND DESIGNATED PART OF CALIFORNIA

Notice of Proposed Rulemaking With Respect to Size Regulation for Valencia Oranges

This proposal would extend current size limitations for the period April 27, 1973, through January 15, 1974, applicable to the handling of Valencia oranges grown in Arizona and designated part of California. Shipments of California-Arizona Valencia oranges are currently regulated through April 26, 1973, pursuant to Valencia Orange Regulation 423. The proposed extension of the period of Valencia Orange Regulation 423 is designed to continue in effect the current size requirements for such fruit consistent with the objective of the act of promoting orderly marketing, maintaining grower returns, and protecting the interest of consumers.

Notice is hereby given that the Department is considering a proposed amendment of the size regulation for Valencia oranges grown in Arizona and designated part of California, pursuant to the applicable provisions of the marketing agreement, as amended, and order No. 908, as amended (7 CFR part 908) regulating the handling of Valencia oranges grown in Arizona and designated part of California. This regulatory program is effective under the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674). The proposed amendment was recommended by the Valencia Orange Administrative Committee, established under said amended marketing agreement and order as the agency to administer the terms and provisions thereof.

The proposal is as follows:

Amend the first sentence of paragraph (b)(1) of Valencia Orange Regulation 423 (38 FR 8171) to read as follows:

§ 908.723 Valencia Orange Regulation 423.

* * * * *

(b) *Order.*—(1) During the period April 27, 1973, through January 15, 1974, * * *

* * * * *

All persons who desire to submit written data, views, or arguments for consideration in connection with the proposed regulation shall file same, in quadruplicate, with the hearing clerk, U.S. Department of Agriculture, room 112, Administration Building, Washington, D.C. 20250, not later than April 18, 1973. All written submissions made pursuant to this notice will be made available for public inspection at the office of the hearing clerk during regular business hours (7 CFR 1.27(b)).

Dated April 2, 1973.

PAUL A. NICHOLSON,
Deputy Director, Fruit and Vegetable Division, Agricultural Marketing Service.

[FR Doc.73-6633 Filed 4-5-73;8:45 am]

[7 CFR Part 989]

RAISINS PRODUCED FROM GRAPES GROWN IN CALIFORNIA

Representation on Raisin Advisory Board and Raisin Administrative Committee

Notice is hereby given of a proposal to amend Subpart—Administrative Rules and Regulations (7 CFR 989.101-989.176; 37 FR 7148) by: (1) Consolidating certain of the districts currently designated in § 989.96, exhibit A, from which producer members of the Raisin Advisory Board are nominated, renumber all such districts, including the consolidated districts and setting forth all these changes in a new § 989.125; (2) on the basis of this consolidation and on shifts in production since 1967, reapportioning the producer membership of the Raisin Advisory Board (by revising § 989.126) and the Raisin Administrative Committee (by adding a new

§ 989.138 and amending § 989.139) among these districts on the basis of 1971 raisin production; (3) providing that producer membership and producer districts on the Board and Committee be reviewed every 3 years rather than 5 years; (4) adding a new section, § 989.128, to change the number of dehydrator representatives on the Raisin Advisory Board from two members to one member; and (5) amending § 989.127 (37 FR 7148) to increase the number of representatives for a certain size group of independent handlers (commonly referred to in the industry as "group C" handlers) on the Raisin Advisory Board from one member to two members.

The subpart is operative pursuant to the marketing agreement, as amended, and order No. 989, as amended (7 CFR part 989; 37 FR 19621, 20022), regulating the handling of raisins produced from grapes grown in California. The amended marketing agreement and order, hereinafter referred to collectively as the "order," are effective under the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601–674). The proposal was unanimously recommended by the Raisin Administrative Committee, established under the order.

Section 989.26 provides that producer members of the Board shall be selected in the number and for the districts as designated in § 989.96, exhibit A. Section 989.26b provides that the Secretary, on recommendation of the Committee, may change the number of districts designated in § 989.96 exhibit A, may redefine such districts into which the production area is divided, or may change the number of producer members which shall be selected to represent particular districts. In making any such changes consideration shall be given to such factors as geographical shifts in the number of producers and in raisin production within the area.

Because of shifts in raisin production within the area, certain districts are disproportionately represented on the Board. In order to achieve proportionate representation, the Committee recommended that certain districts be consolidated, resulting in 19 districts instead of the 21 currently designated in § 989.96, exhibit A. This would require a renumbering of districts. The 19 districts would be designated in a new § 989.125.

The proposed changes in the districts would necessitate a regrouping of the districts currently prescribed in paragraph (a) of § 989.139, for purposes of apportioning producer representation on the Committee. It is proposed that the regrouped districts be set forth in a new § 989.138.

Section 989.126 requires that a review be made every 5 years of the producer representation on the Board to determine whether the apportionment of such membership among the districts is consistent with the basis prescribed therein. A similar requirement is contained in § 989.139 with respect to the apportionment of the producer representation on the Committee. Because of changes occurring in the production of raisins within the area, the Committee recommended that the reviews required by §§ 989.126 and 989.139 be conducted every 3 years instead of every 5 years. This recommendation is included in the proposal.

The producer representation on the Board (35 members) currently is allocated in § 989.126(d) among the 21 districts. The proposal to change the number of districts from 21 to 19 would necessitate a reallocation of that representation. No change in the number of producer members of the Board was proposed. The reallocation is set forth as a proposed revision of paragraph (d) of § 989.126. The producer representation on the Committee is allocated in § 989.139 among the three groups of districts prescribed in that section. While the Committee recommended a regrouping of the 19 districts into the three groups, it determined that no change was necessary in the number of producer members of the Committee allocated to each group.

Section 989.26 prescribes the number of dehydrator members on the Board. Section 989.26c authorizes the Secretary, upon recommendation of the Committee, to make changes in the number of dehydrator members on the Board. Since the inception of the order (in 1949) the number of dehydrators has decreased from 30 to 14. Furthermore, about half of the dehydrators currently operating are also raisin packers and the remaining dehydrators are producers of grapes for dehydrating into raisins. As required by § 989.26c, the Committee has considered such factors as the total number of dehydrators currently operating, the number of dehydrators operated by raisin packers, and the extent to which the interest of dehydrators is adequately served by other members on the Board and has recommended that the number of dehydrator members on the Board be reduced from two to one.

Section 989.26 also prescribes the number of handler members of the Board. Section 989.26a authorizes the Secretary on recommendation of the Committee, to make certain changes in the handler representation on the Board. Pursuant to that authority, the number of handlers comprising two size groups were changed in an action published in the FEDERAL REGISTER, April 11, 1972 (37 FR 7148; 7 CFR 989.127). Section 989.26a also authorizes changes in the number of handler members to represent any size group. In making any of the changes authorized in § 989.26a consideration shall be given to such factors as changes in the number of handlers, relative raisin acquisition positions of handlers, and their similarity of interests in the handling of raisins. Pursuant thereto, the Committee recommended that one additional member be allocated to that group of handlers designated in § 989.26(c) and commonly referred to in the industry as "group C" handlers. Currently, three handlers comprise that group, but only one member represents that group on the Board.

Other changes proposed would update the calendar year references and dates in §§ 989.126 and 989.139.

Consideration will be given to any written data, views, or arguments pertaining to the proposal which are received by the hearing clerk, U.S. Department of Agriculture, room 112, Administration Building, Washington, D.C. 20250, not later than April 13, 1973. All written submissions made pursuant to this notice should be in quadruplicate and will be made avalable for public inspection at the office of the hearing clerk during regular business hours (7 CFR 1.27(b)).

The proposal is to amend Subpart—Administrative Rules and Regulations (7 CFR 989.101–989.176; 37 FR 7148) as follows:

1. Add a new § 989.125 to read as follows:

§ 989.125 Producer districts for representation on Raisin Advisory Board.

Commencing with the term of office beginning May 1, 1973, producer-member districts, including such districts in Fresno County as set forth in § 989.96, exhibit A, are as follows: District No. 1, Clovis and Sanger; district No. 2, Kerman; district No. 3, Biola; district No. 4, Fresno; district No. 5, Lone Star; district No. 6, Easton-Oleander; district No. 7, Fowler; district No. 8, Del Rey; district No. 9, Parlier; district No. 10, Reedley; district No. 11, Kingsburg; district No. 12, Selma; district No. 13, Monmouth; district No. 14, Caruthers; district No. 15, the counties of Kings, Monterey, and San Benito; district No. 16, the counties of Tulare and Inyo; district No. 17, the counties of Kern, San Bernardino, Riverside, Imperial, San Diego, Orange, Los Angeles, Ventura, Santa Barbara, and San Luis Obispo; district No. 18, the counties of Madera and Mono; and district No. 19, the counties of Merced, Tuolumne, Mariposa, Stanislaus, San Joaquin, Santa Clara, San Franscisco, San Mateo, Santa Cruz, Alameda, Contra Costa, Calaveras, Alpine, Marin, Solano, Sacramento, Amador, El Dorado, Placer, Nevada, Sutter, Yolo, Napa, Sonoma, Mendocino, Lake, Colusa, Yuba, Sierra, Plumas, Butte, Glenn, Tehama, Shasta, Lassen, Modoc, Siskiyou, Del Norte, Humboldt, and Trinity.

2. Revise § 989.126 to read as follows:

§ 989.126 Producer representation on Raisin Advisory Board.

(a) Commencing with the term of office beginning May 1, 1973, apportionment of the 35 producer-members of the Raisin Advisory Board among the 19 districts set forth in § 989.125 shall be as provided in this section.

(b) Each district shall have one producer-member for each quantity of raisins producer therein from 1971 crop grapes that represents, as nearly as possible, one thirty-fifth of the total tonnage of raisins produced in all districts from 1971 crop grapes: *Provided*, That each district shall have at least one member. The producer representation on the Board shall be reviewed every 3 years after 1973 and any necessary changes made to continue such producer-member representation on the basis of one thirty-fifth of the total tonnage of raisins produced. The raisin production to be used

shall be that of the then preceding crop year.

(c) Whenever any change in 1973, or in a subsequent year, causes a reduction in the number of producer-members to represent a particular district in the ensuing term of office, the appointment theretofore made of all incumbent producer-members representing that district shall be terminated. The reduced number of such members, and the new members for districts gaining representation, shall be nominated and selected, consistent with § 989.28(a), for the ensuing term of office.

(d) Apportionment of the 35 producer-members of the Raisin Advisory Board among the 19 districts set forth in § 989.125 on the basis of the quantity of raisins produced from 1971 crop grapes, as provided in paragraph (b) of this section, shall be as follows:

(1) One member for each of the 19 districts.

(2) One additional member for each of the following districts: District No. 6, Easton-Oleander; district No. 7, Fowler; district No. 8, Del Rey; and district No. 16, Tulare and Inyo Counties.

(3) Two additional members for each of the following districts: District No. 2, Kerman; district No. 3, Biola; district No. 12, Selma; and district No. 18, Madera and Mono Counties.

(4) Four additional members for the following district: District No. 14, Caruthers.

3. Amend § 989.127 to read as follows:

§ 989.127 Handler representation on Raisin Advisory Board.

Commencing with the term of office beginning May 1, 1973, the handler-members of the Board shall include the following: (a) One member selected from and representing handlers doing business as cooperative marketing associations, or cooperative marketing organizations engaged in the business of packing raisins, each of which acquired not less than 10 percent of the total raisin acquisitions during the 12-month period preceding the then current crop year; (b) two members selected from and representing the three handlers, other than cooperatives, who acquired the largest percentages of the total raisin acquisitions during the 12-month period preceding the then current crop year; (c) two members selected from and representing the three handlers, other than cooperatives, who acquired the next largest percentages of the total raisin acquisitions during the 12-month period preceding the then current crop year; (d) two members selected from and representing the four handlers; other than cooperatives, who acquired the next largest percentages of the total raisin acquisitions during the 12-month period preceding the then current crop year, and (e) two members selected from and representing all other handlers, including cooperatives, each of which acquired less than 10 percent of the total raisin acquisitions during the 12-month period preceding the then current crop year, and including all processors.

4. Add a new § 989.128 to read as follows:

§ 989.128 Dehydrator representation on Raisin Advisory Board.

Commencing with the term of office beginning May 1, 1973, the number of dehydrator members selected to represent all dehydrators on the Raisin Advisory Board is hereby changed from two members as set forth in § 989.26 to one member.

5. Add a new § 989.138 to read as follows:

§ 989.138 Producer districts for representation on Raisin Administrative Committee.

(a) As used in this section, the term "group of districts" means any one of the following:

(1) Group I districts means districts Nos. 1 through 14 as set forth in § 989.125;

(2) Group II districts means districts Nos. 15, 16, and 17 as set forth in § 989.125;

(3) Group III districts means districts 18 and 19 as set forth in § 989.125.

6. Amend § 989.139 to read as follows:

§ 989.139 Producer representation on Raisin Administrative Committee.

(a) Commencing with the term of office beginning June 1, 1973, apportionment of the eight producer-members of the Raisin Administrative Committee among the three groups of districts set forth in § 989.138 shall be as provided in this section.

(b) Each group of districts shall have one producer-member for each quantity of raisins produced in such districts from 1971 crop grapes that represents, as nearly as possible, one-eighth of the total tonnage of raisins produced in all districts from 1971 crop grapes: *Provided*, That each group of districts shall have at least one member. The producer representation on the Committee shall be reviewed every 3 years after 1973 and any necessary changes made to continue such producer-member representation on the basis of one-eighth of the total tonnage of raisins produced. The raisin production to be used in such review or change shall be that of the then preceding crop year.

(c) Apportionment of the eight producer-members of the Raisin Administrative Committee among the three groups of districts (as set forth in § 989.138) on the basis of the quantity of raisins produced from 1971 crop grapes, as provided in paragraph (b) of this section, is as follows:

(1) Six members for group I districts.

(2) One member for group II districts; and

(3) One member for group III districts.

Dated April 2, 1973.

PAUL A. NICHOLSON,
Deputy Director,
Fruit and Vegetable Division.

[FR Doc.73-6632 Filed 4-5-73;8:45 am]

[7 CFR Part 1103]

MILK IN THE MISSISSIPPI MARKETING AREA

Termination of Proceeding To Terminate Order

Notice of proposed rulemaking was issued by the Deputy Administrator, regulatory programs, on February 27, 1973, pursuant to the provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601 et seq.), with respect to the proposed termination of the order regulating the handling of milk in the Mississippi markeing area. Interested persons were invited to submit views, data, or arguments to the hearing clerk not later than March 12, 1973, in connection with the proposed termination.

Written views, data, and arguments were submitted by interested parties. Subsequent to the receipt of these comments a cooperative association representing a majority of the producers who, during the representative period of February 1973, were engaged in the production of milk for the Mississippi market, and whose members produced more than 50 percent of the milk marketed during such period, requested termination of the order. This request for termination of the order pursuant to section 608 (c)(16)(B) of the act makes further action in this proceeding unnecessary, since it is mandatory on the part of the Secretary to terminate an order whenever he finds that such termination is favored by a majority of producers. An order terminating the order, as amended, is being issued simultaneously with termination of this proceeding.

It is hereby found and determined that the proceeding begun in this matter on February 27, 1973, should be and is hereby terminated.

Signed at Washington, D.C., on April 3, 1973.

JOHN C. BLUM,
Deputy Administrator,
Regulatory Programs.

[FR Doc.73-6630 Filed 4-5-73;8:45 am]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

[14 CFR Part 39]

[Docket No. 12661]

BRITISH AIRCRAFT CORPORATION VISCOUNT MODEL 700 AND 800 SERIES AIRPLANES

Proposed Airworthiness Directives

The Federal Aviation Administration is considering amending part 39 of the Federal Aviation Regulations by adding an airworthiness directive applicable to BAC Viscount models 700 and 800 series airplanes. There have been reports of high resistance at cable terminations caused by corrosion on BAC Viscount models 700 and 800 series airplanes that could result in loss of all generated electrical power on the airplane. Since this condition is likely to exist or develop

in other airplanes of the same type design, the proposed airworthiness directive would require inspection, and repair, if necessary, of all generator main ground cable assemblies, and of all aluminum cables and cable assemblies rated at 35 amperes and above; and the periodic replacement of all generator main ground cable assemblies on BAC Viscount models 700 and 800 series airplanes.

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications should identify the docket number and be submitted in duplicate to the Federal Aviation Administration, Office of the General Counsel, Attention: Rules docket, AGC-24, 800 Independence Avenue SW., Washington, D.C. 20591. All communications received on or before May 7, 1973, will be considered by the Administrator before taking action upon the proposed rule. The proposals contained in this notice may be changed in the light of comments received. All comments will be available, both before and after the closing date for comments, in the rules docket for examination by interested persons.

In consideration of the foregoing, it is proposed to amend § 39.13 of part 39 of the Federal Aviation Regulations by adding the following new airworthiness directive:

BRITISH AIRCRAFT CORP. Applies to BAC Viscount Models 700 and 800 series airplanes.

Compliance is required as indicated.

To prevent high resistance at aluminum cable assembly terminations rated at 35 A and above, and at generator main ground cable assembly terminations, accomplish the following:

(a) Within the next 500 hours' time in service, or 6 months after the effective date of this AD, whichever occurs sooner, and thereafter at intervals not to exceed 3 years from the date of the last inspection, inspect all aluminum cables and cable assemblies rated at 35 A and above, except generator main ground cable assemblies for overheating, corrosion, cable conductor strand fracture, and loose bolted joints, in accordance with BAC Alert PTL No. 289, dated July 12, 1972 (700 series), and BAC Alert PTL No. 157, dated July 12, 1972 (800 series), or FAA-approved equivalents, respectively.

(b) If cables or cable assemblies are found to be overheated, or corroded, or to have cable conductor strand fractions, or loose bolted joints during an inspection required by paragraph (a), before further flight, repair in accordance with BAC Alert PTL No. 289, dated July 12, 1972 (700 series), and BAC Alert PTL No. 157, dated July 12, 1972 (800 series), or FAA-approved equivalents, respectively, or replace with an equivalent new cable or cable assembly.

(c) Within the next 500 hours' time in service or 6 months after the effective date of this AD, whichever occurs sooner, and thereafter at intervals not to exceed 1 year from the date of the last inspection, inspect all generator main ground cable assemblies for overheating, corrosion, cable conductor strand fracture, and loose bolted joints, in accordance with BAC Alert PTL No. 288, dated July 12, 1972 (700 series), and BAC Alert PTL No. 156 dated July 12, 1972 (800 series), or FAA-approved equivalents, respectively.

(d) If generator main ground cable assemblies are found to be overheated, or corroded, or to have cable conductor strand fractures, or loose bolted joints during an inspection required by paragraph (c), before further flight, repair in accordance with BAC Alert PTL No. 289, dated July 12, 1972 (700 series), and BAC Alert PTL No. 157, dated July 12, 1972 (800 series), or FAA-approved equivalents, respectively, or replace with an equivalent new cable assembly.

(e) Before the accumulation of 3 years total time in service, or within the next year after the effective date of this AD, whichever occurs later, and thereafter at intervals not to exceed 5 years, replace generator main ground cable assemblies with serviceable cable assemblies that comply with the same standard.

(Secs. 313(a), 601, 603, Federal Aivation Act of 1958, 49 U.S.C. 1354(a), 1421, 1423; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Washington, D.C., on March 30, 1973.

C. R. MELUGIN, Jr.,
Acting Director,
Flight Standards Service.

[FR Doc.73-6619 Filed 4-5-73;8:45 am]

National Highway Traffic Safety Administration

[49 CFR Part 571]

[Docket No. 4-2; Notice 7]

WARNING DEVICES STANDARD

Test Procedures and Color Specifications

The NHTSA proposes to amend Safety Standard No. 125, Warning Devices (49 CFR 571.125), to make some technical changes in the test procedures and color specifications.

The Truck Safety Equipment Institute has requested that certain changes be made in the test procedures and requirements of Standard No. 125, Warning Devices, 49 CFR 571.125. The changes requested, and the reasons for the requests, are essentially as follows:

1. The specification of a xenon arc lamp for illumination during the orange color test, in order to have a standardized compliance method.

2. The use of a direct-illumination method for testing of standard orange fluorescent material for both color and luminance, while retaining the integrating sphere method for dual-purpose materials. This would allow the continued use of the method, widely employed by the industry in this area. A color definition equation would be broadened very slightly (from $x+y=0.943$ to $x+y=0.93$) to allow more latitude for existing materials.

3. The specification of color for both the red reflective and the orange fluorescent materials to only two decimal places, rather than three as at present. The industrial laboratories commonly do not have sufficiently precise instruments to measure beyond two decimal places.

On the basis of information received by this agency to date, it does not appear that these changes would result in any significant differences in the performance of the regulated materials and devices. The changes would be mainly intended to facilitate the testing of materials with existing equipment.

Accordingly, it is proposed that Standard No. 125, Warning Devices, 49 CFR 571.125, be amended as follows:

1. In S5.3.1, the figure "0.992" would be changed to "0.99".

2. S5.3.2 would be amended to read:

S5.3.2 The color of the orange fluorescent material on the warning device shall have the following characteristics both before and after the warning device has been conditioned in accordance with S6.1: When expressed in terms of the International Commission on Illumination (CIE) 1931 colorimetric system, the chromaticity coordinates of the orange fluorescent material shall lie within the region bounded by the spectrum locus and the lines defined by the following equations:

Boundary	*Equation*
Yellow	$y=0.49+0.17$.
White	$x+y=0.93$.
Red	$y=0.35$.

Except for dual-purpose material, the light source shall be a 150-watt high-pressure xenon compact arc lamp with an unmodified spectrum, illuminating the material at an angle of incidence of 45°, and the angle of observation shall be 90°. For dual-purpose material, illumination and observation shall be by an integrating sphere as described in S6.3 (b) and (c).

3. S6.3(b) would be amended to read:

S6.3 *Luminance test.* * * *

Use a 150-watt high-pressure xenon compact arc lamp with an unmodified spectrum as the light source. Except for dual-purpose material, illuminate the material at an angle of 45°, with an angle of observation of 90°. For dual-purpose material, illuminate the material diffusely by an integrating sphere, the total area of whose ports does not exceed 10 percent of the internal reflecting sphere area.

* * * * *

Alternative proposal.—That direct lighting be used for color and luminance measurements of dual-purpose material as well as orange fluorescent material.

Interested persons are invited to submit comments on the proposal. Comments should refer to the docket number and be submitted to: Docket Section, National Highway Traffic Safety Administration, room 5221, 400 Seventh Street SW., Washington, D.C. 20590. It is requested but not required that 10 copies be submitted.

All comments received before the close of business on the comment closing date indicated below will be considered, and will be available for examination in the docket at the above address both before and after that date. To the extent possible, comments filed after the closing date will also be considered by the Administration. However, the rulemaking action may proceed at any time after that date, and comments received after

the closing date and too late for consideration in regard to the action will be treated as suggestions for future rulemaking. The Administration will continue to file relevant material, as it becomes available in the docket after the closing date, and it is recommended that interested persons continue to examine the docket for new material.

Comment closing date: May 7, 1973.

Proposed effective date: January 1, 1974.

(Secs. 103, 119, Public Law 89-563, 80 Stat. 718, 15 U.S.C. 1392, 1407; delegations of authority at 49 CFR 1.51 and 49 CFR 501.8)

Issued on March 30, 1973.

ROBERT L. CARTER,
Associate Administrator,
Motor Vehicle Programs.

[FR Doc.73-6640 Filed 4-5-73;8:45 am]

FEDERAL COMMUNICATIONS COMMISSION

[47 CFR Part 64]

[Docket No. 19528; FCC 73-340]

MTS AND WATS SERVICES

Proposed New or Revised Classes; First Supplemental Notice

In the matter of proposals for new or revised classes of interstate and foreign message toll telephone service (MTS) and wide area telephone service (WATS).

1. By this first supplemental notice of inquiry and rulemaking in this docket, we are requesting comments on certain proposals submitted recently to the Commission recommending the establishment of programs for technical standards and enforcement thereof that, if adopted, would expand the options available to customers in the interconnection of customer-provided facilities to the nationwide telephone network.

2. In initiating this proceeding we stated that there are two basic issues to be explored. The first, or threshold question, is whether the telephone companies subject to our jurisdiction should be required or permitted to make further significant revisions in their interstate MTS and WATS tariffs so as to give customers options that they do not now have thereunder, namely that of being able generally to provide their own network control signaling units (NCSU's) and any needed connecting arrangements (CA's), or the functional equivalent thereof, in lieu of using telephone company-provided NCSU's and CA's as is now required under the tariffs in all interconnection situations involving direct electrical connections. The second basic issue is to determine what terms and conditions should govern if we should decide to extend such options to customers. We stated that, to facilitate resolution of both of these issues, we had, inter alia, established certain advisory committees to explore the possibilities of establishing a technical standards program for certain selected classes of equipment, i.e. PBX's, dialers and automatic answering devices, that could be a basis for providing such expanded options, at least as to these devices, and at the same time protect the integrity of the telephone network. (See 35 FCC 2d, 539 et seq.; June 16, 1972, 37 FR 12404.)

3. We have now received the reports and recommendations of the PBX Standards Advisory Committee. These documents have been printed in two volumes and are available from the National Technical Information Service, Port Royal Road, Springfield, Va. 22151. Volume I (PB 212937) contains the Proposals of the Technical Standards Subcommittee (for Barrier-Type PBX) and Procedures and Enforcement Subcommittee (cost, $6). Volume II (PB 212938) contains the attachments to the Report of the Subcommittee on Procedures and Enforcement (cost, $3). A third volume (PB 213001) contains a proposed PBX experimental program submitted by the PBX Procedures and Enforcement Subcommittee of the PBX Standards Advisory Committee (cost, $3). Any of these three volumes may also be ordered in microfiche form for 95¢ each.

4. In addition to the reports and recommendations of the PBX Standards Advisory Committee, which are limited to customer-provided PBX's, the Office of Chief Engineer of the Commission (OCE) has prepared and submitted a broader proposal that would apply to all kinds of customer-provided devices connected directly to the switched telephone network of the telephone companies. This OCE report is available in printed form as Technical Report T-7202 and may be obtained from the National Technical Information Service, Port Royal, Springfield, Va. 22121 (cost, $3; 95¢, microfiche; PB-213018).

5. The principal features of the OCE proposal are described as follows. The Commission would incorporate into its rules the technical characteristics which must be met by all devices intended for direct connection to the switched telephone network. These specifications would be designed to provide reasonable protection against specific types of harm to the network, namely, hazardous voltages; in-band and out-of-band signal power; line imbalance; and improper network control signaling. Any manufacturer desiring to obtain approval for connection of devices to the switched telephone network would make application to the Commission for registration of each such device, providing a complete description of the device and all data required to demonstrate compliance with the standards. The Commission would, where necessary, also require the submission of sample units to its own laboratory for testing, otherwise, the attestation of the person performing the tests would be acceptable. Upon determination that the equipment would be capable of complying with the standards and that a grant would serve the public interest, convenience and necessity, a registration certificate would be granted. This would be attached to all identical units subsequently produced. If any application presented substantial factual questions that needed to be resolved, it could be set for evidentiary hearing. Registration would constitute authorization for the equipment to be directly connected to the switched telephone network. However, in appropriate cases, registration could be revoked. Applicants for registration would be required to pay filing fees which, as set forth in the proposal, would range from $500 to $1,000 and grant fees which are proposed to range from $100 to $500.

6. Further, under the OCE proposal the burden of showing actual (not potential) harm to the switched network in individual cases would rest upon the person claiming that harm was being caused. This would apply to both the carrier and the customer providing his own device. Where a proved harm is found to exist the Commission could issue cease and desist orders. The proposal also provides for the tariffs of the telephone companies to be amended to specify that only devices approved by the Commission could be directly connected to the switched telephone network, and that in the event of actual harm, the carrier could disconnect the harmful device, whether or not it was approved. The proposal includes recommended Federal legislation similar to that now set forth in section 302 of the act under which the FCC would be given express authority to regulate the sale, distribution, import, lease, use, and manufacture of interconnection devices and under which the Commission would promulgate regulations to control effectively the marketing of noncomplying devices. Finally, the proposal provides for State regulation and enforcement at the local level of any necessary installation or inspection requirements.

7. We have also received an alternative proposal by the NARUC Staff Subcommittee on Communication Interconnection. This proposal was submitted to the Commission under date of March 2, 1973, and is entitled "Procedures and Enforcement For Interconnection of Customer-Provided Communication Terminal Equipment." The staff subcommittee states that this proposal contains some concepts differing widely from other submissions and that the areas of most significant differences are: "(a) The proposal for an NARUC-FCC Interconnection Staff Committee as advisory to the Joint Board and/or the FCC on matters relating to an interconnection program; (b) the sections on enforcement methodology; (c) the sections on procedures for equipment installation and periodic maintenance inspection; and (d) the designation of the party to perform installation and periodic maintenance inspections." Copies of this report are available from the NARUC Washington, D.C. office, 1102 Interstate Commerce Commission Building, P.O. Box 684, Washington, D.C. 20044, telephone No. 202—628-7325.

8. In addition to the foregoing, the Commission has received other alternative suggestions that have been submitted informally in varying degrees of completeness as to specific standards that

should apply and as to details of implementation. Some of these alternative proposals may be briefly identified as follows: (1) The suggestion that we adapt to interstate MTS and WATS services the intrastate "access arrangement" proposal of the Rochester Telephone Co. approved in substantial part by the New York Public Service Commission in opinion 72-18, case 26064, 94 PUR 3d 370 (N.Y.P.S.C. 1972); (2) suggestions that the carrier be required to establish reasonable standards in the tariffs or in technical references and be responsible for enforcing compliance therewith similar in nature to the recent A.T. & T. tariff revisions applicable to customer-provided headsets; and (3) suggestions that the tariffs remain basically unchanged but that the carriers be required (a) to make improvements in their services, such as elimination of delays in delivery of NCSUS and CAS, and (b) apply the same practices to carrier-provided facilities that are applied to customer-provided facilities.

9. These briefly described alternative proposals have not been submitted in sufficiently complete form to enable us or the Joint Board to consider them adequately. Accordingly, we invite interested parties who want to propose these or any other alternative programs to do so at the time fixed herein for filing comments. We emphasize that any alternative proposal should be in at least the same detail as the proposals of the PBX Advisory Committee and the Office of the Chief Engineer. Moreover, by the time that comments herein are due to be filed, we expect that the proposals of the Dialers and Answering Device Advisory Committee will be ready for submission to the Commission. Such proposals should be officially submitted as comments herein. Finally, inasmuch as we are providing that additional proposals may be submitted on or before the comment date, we are expressly allowing for reply comments so that we may have the benefit of the views of all interested parties on any additional proposals that may be submitted.

10. In submitting comments on proposals herein, we wish to make clear that we are concerned at this stage of the proceeding with whether it is feasible from a technical, engineering, operational, and administrative standpoint to establish an optional program of standards and enforcement thereof in lieu of or in addition to the present tariff requirements for carrier-provided NCSU's and CA's. Although we do not wish to limit the scope of comments on any of these proposals, we are not considering at this time questions as to whether or to what extent there may be any adverse economic or environmental consequences from the ultimate adoption of any of these proposals. We shall cover such issues in an appropriate manner by further supplemental notices in the near future. We are, however, interested at this time in ascertaining the total estimated costs of implementing and administering each of the proposed programs and in obtaining comments and views on how such costs should be financed and what persons or groups of persons or entities should be required to bear such costs. Accordingly, we invite the submission of the best estimates of the total costs of administering each proposal that is submitted and views as to how such costs should be borne. Further, we invite comments and views as to the specific procedures and rules that should apply to each proposal submitted, including details as to the methodology that should be followed to assure meaningful and effective enforcement of the requirements set forth in the proposal.

11. Accordingly, pursuant to the provisions of sections 4(i), 4(j), 201-205, 208, 215, 218, 313, 403, and 404 of the Communications Act, the Commission hereby invites comments from interested parties on the aforementioned proposals of the PBX Standards Advisory Committee, NARUC and Office of Chief Engineer. Such comments, which may include any alternative proposals, shall be submitted on or before June 15, 1973. Reply comments may be filed on or before August 15, 1973. As provided in our order herein of June 16, 1972 (35 FCC 2d 539; 543) proposals, comments and reply comments will be referred to the Joint Board for its consideration and recommended decision. Based upon its review of the comments and the questions presented thereby, the Commission, after consultation with the Joint Board, will prescribe additional procedures as may be necessary and appropriate for the effective and expeditious resolution of this proceeding. An original and 14 copies of all comments and reply comments shall be submitted.

Adopted March 29, 1973.

Released April 3, 1973.

FEDERAL COMMUNICATIONS COMMISSION [1]
[SEAL] BEN F. WAPLE,
Secretary.

[FR Doc.73-6691 Filed 4-5-73;8:45 am]

[47 CFR Part 73]

[Docket No. 19717; FCC 73-354]

FM BROADCAST STATIONS

Proposed Table of Assignments, Yakima, Wash.

In the matter of amendment of § 73.202 (b), table of assignments, FM broadcast stitions, (Yakima, Wash.); RM-1897, RM-1933.

1. The Commission has before it two petitions seeking the assignment of channel 252A to Yakima, Wash. Both petitioners are licensees of daytime-only AM stations in Yakima—KUTI Communicators, Inc., operates KUTI, and KQOT, Inc., operates KQOT.

2. Since the petitions parallel one another, there is no need to describe their contents separately. Simply put, both urge the assignment of a fourth channel (252A) to Yakima [1] (the other three, all class C, are in use) even though our guidelines call for only one or two assignments to a community such as Yakima, that has a population under 50,000. We have been offered much information on local and area activities to support the view that Yakima is a thriving community in need of additional full-time radio service. According to the petitions, the requested channel could be assigned without affecting any current assignment and without serious preclusionary effect.

3. While our guidelines do indicate that Yakima would ordinarily warrant no more than two assignments, we have never viewed these guidelines as a straitjacket precluding consideration of special circumstances. Although we express no opinion on the ultimate view to be taken here in this regard, we do believe the matter worthy of further exploration. This conclusion derives in part from the fact that Yakima's 1970 population—45,583—was only 4,412 below the 50,000 dividing line. Were the population slightly higher, the guidelines would speak in terms of two to four assignments rather than one or two. It seems to us unnecessarily rigid to insist on use of the guidelines in such a fashion as to preclude any consideration of a request for an additional assignment. Petitioners' case is hardly damaged by virtue of the interest in the channel by two parties and perhaps others if the channel were to be assigned.

4. In a case such as this we are more than ordinarily concerned about any negative consequences attributable to the proposed assignment. This is so because the principal concern expressed in the guidelines is a fair and equitable distribution of radio facilities, not simply whether more service is needed in a given community. Making this assignment would disturb no others and data now on hand suggest that the proposed assignment would have only a minimal preclusionary effect on adjacent channels, or in some cases, none at all. Even cochannel, the anticipated effects do not appear severe and one or more substitute channels appear available for use in the affected area.

5. Thus, we believe that the proposal warrants exploration and comments on it are invited. In addition to representations from the proponents on their continuing interest in the channel, we seek information from them or others on whether a fourth channel is needed. Specifically, we have been told that the metropolitan area has a population of 72,100, the county, 145,200, and the trade area, 261,000, but it is not clear to what extent a class A operation could serve these population groupings. Without such a showing it would not be possible to resolve the question before us in a fashion favorable to the petitioners. Therefore, we urge them to provide the requested data. Since no purpose is

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[1] Commissioner Johnson concurring in the result; Commissioner Reid absent.

[1] Yakima has 6 AM stations, 3 of them daytime only thus providing no nighttime service as an FM station would provide.

served by redundancy, petitioners may wish to join in a single submission. Any other pertinent information would of course be welcomed, including comments on the matter of intermixing classes of channels.

6. Cutoff procedures. The following procedures will govern:

(a) Counterproposals advanced in this proceeding itself will be considered, if advanced in initial comments, so that parties may comment on them in reply comments. They will not be considered, if advanced, in reply comments.

(b) With respect to petitions for rulemaking which conflict with the proposal in this notice, they will be considered as comments in the proceeding, and public notice to this effect will be given, as long as they are filed before the date for filing initial comments herein. If filed later than that, they will not be considered in connection with the decision herein.

7. In view of the foregoing, and pursuant to authority found in sections 4(i), 303 (g) and (r), and 307(b) of the Communications Act of 1934, as amended, it is proposed to amend § 73.202(b) of the Commission's rules, the FM table of assignments, as follows:

City	Channel No.	
	Present	Proposed
Yakima, Wash	233, 281, 297	233, 252A, 281, 297

8. Pursuant to applicable procedures set out in § 1.415 of the Commission's rules, interested parties may file comments on or before May 9, 1973, and reply comments on or before May 21, 1973. All submissions by parties to this proceeding, or persons acting in behalf of such parties, must be made in written comments, reply comments, or other appropriate pleadings.

9. In accordance with the provisions of § 1.419 of the rules, an original and 14 copies of all comments, replies, pleadings, briefs, and other documents shall be furnished the Commission. Responses will be available for public inspection during regular business hours in the Commission's public reference room at its headquarters in Washington, D.C. (1919 M Street NW.).

Adopted: March 29, 1973.

Released: April 3, 1973.

FEDERAL COMMUNICATIONS COMMISSION,[3]

[SEAL] BEN F. WAPLE,
Secretary.

[FR Doc.73-6690 Filed 4-5-73;8:45 am]

[3] Commissioner Reid absent.

Notices

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 DEFENSE

Department of the Air Force

AIR FORCE ACADEMY BOARD OF VISITORS

Notice of Meeting

MARCH 30, 1973.

The Air Force Academy Board of Visitors will meet at the Air Force Academy, Colorado Springs, Colo., on April 12, 13, and 14, 1973.

The purpose of this meeting is to fulfill the requirements of 10 U.S.C. 9355d for the Board to meet at the Academy at least once annually to inquire into matters of morale, discipline, the curriculum, instruction, physical equipment fiscal affairs, academic matters, and other matters relating to the Academy which the Board decides to consider.

A portion of this meeting will be open for public attendance on April 12, from 9:30 a.m. until 11:15 a.m., in the Academy Superintendent's conference room, Harmon Hall. Among the topics on the tentative agenda during the open portion of the meeting are: The Academy Class of 1977; Operation of the Service Academies Central Medical Review Board (SACMRB); Status of the Airfield Project; and the Education Center. The remainder of the meeting will pertain to internal Academy policies, procedures, and personnel matters and will be held in closed session.

If additional information is desired, contact HQ USAF (DPPA), Washington, D.C. 20330, telephone 692-4635.

JOHN W. FAHRNEY,
Colonel, USAF, Chief, Legislative Division, Office of The Judge Advocate General.

[FR Doc.73-6613 Filed 4-5-73;8:45 am]

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

ALASKA STATE MULTIPLE USE ADVISORY BOARD

Notice of Meeting

Notice is hereby given that the Alaska State Multiple Use Advisory Board will hold a business meeting May 8-9, 1973, beginning at 8:30 a.m., in the Captain Cook Hotel, Fourth and I Streets, Anchorage, AK. The agenda for the meeting will include discussions of BLM's multiple-use planning effort in Alaska, with emphasis on BLM's Chitina Valley, Iliamna, White Mountains, Fortymile, and Noatak Planning Units. Also to be discussed will be BLM's progress with implementation of the Alaska Native Claims Settlement Act, comments received on proposed Interior Department regulations for the management of off-road vehicles on public lands, the Trans-Alaska Pipeline project, and new or proposed Federal legislation pertaining to the Bureau.

The meeting will be open to the public insofar as seating is available. Time will be available for brief statements from members of the public but those wishing to make an oral statement must inform the chairman in writing prior to the meeting of the board. Any interested person may file a written statement with the board for its consideration. Written statements and requests to give oral statements to the board should be submitted to William C. Bishop, Advisory Board Chairman, c/o State Director, Bureau of Land Management, 555 Cordova Street, Anchorage, AK 99501.

CURTIS V. MCVEE,
State Director, Alaska.

[FR Doc.73-6614 Filed 4-5-73;8:45 am]

COOS BAY DISTRICT ADVISORY BOARD

Notice of Meeting

Notice is hereby given that the Coos Bay District Advisory Board will meet on April 20, 1973, commencing at 9 a.m., in the Coos Bay District Office, Bureau of Land Management, 333 South Fourth Street, Coos Bay, Oreg. The agenda for the meeting includes election of chairman and vice-chairman, consideration of the Coos Bay District's proposed timber sale plan for fiscal year 1974, progress in reforestation during fiscal year 1973, the Bureau planning system and preparation of environmental analysis reports as required by the National Environmental Policy Act, proposed withdrawal of the Hunter Creek Bog, and proposed off-highway vehicle regulations.

The meeting will be open to the public. In addition to discussions of agenda topics by board members, there will be time for brief statements by nonmembers. Persons wishing to make oral statements should so advise the chairman or cochairman prior to the meeting. Any interested person may file a written statement for consideration by the board by sending it to the chairman in care of the District Manager, Bureau of Land Management, P.O. Box 1139, Coos Bay, Oreg. 97420.

EDWARD STAUBER,
Coos Bay District Manager.

MARCH 29, 1973.

[FR Doc.73-6615 Filed 4-5-73;8:45 am]

National Park Service

APPALACHIAN NATIONAL SCENIC TRAIL ADVISORY COUNCIL

Notice of Meeting

Notice is hereby given in accordance with the Federal Advisory Committee Act that a meeting of the Appalachian National Scenic Trail Advisory Council will be held between 9 a.m. and 4 p.m., on Friday, April 27, 1973, at Mather Training Center, Harpers Ferry, W. Va.

The Council was established by Public Law 90-543 to consult with the Secretary of the Interior on general policies and specific matters related to the administration and development of the Appalachian National Scenic Trail.

The members of the Council are as follows:

Mr. Edgar L. Gray (Chairman), Philadelphia, Pa.
Mr. Ralph Abele, Harrisburg, Pa.
Mr. C. Francis Belcher, Boston, Mass.
Mr. Arthur Brownell, Boston, Mass.
Hon. Goodloe E. Byron, Washington, D.C.
Mr. Thomas H. Campbell, Roanoke, Va.
Mr. Samuel S. Cobb, Harrisburg, Pa.
Mr. Grant Conway, Brookmont, Md.
Mr. Walter L. Criley, Nashville, Tenn.
Mr. D. O. Davies, New Castle, Pa.
Mr. Harold J. Dyer, Albany, N.Y.
Mr. Spencer P. Ellis, Annapolis, Md.
Mr. Edward B. Garvey, Falls Church, Va.
Mr. Norman A. Griest, North Haven, Conn.
Mr. George T. Hamilton, Concord, N.H.
Col. Lester L. Holmes, Harpers Ferry, W. Va.
Miss Robin Jackson, Atlanta, Ga.
Mr. Richard Kimmel, Lebanon, Pa.
Mr. Ira S. Latimer, Jr., Charleston, W. Va.
Mr. Daniel W. Lufkin, Hartford, Conn.
Mr. John T. Maines, Brewer, Maine.
Mr. Russell P. McRorey, Washington, D.C.
Mr. Stanley A. Murray, Kingsport, Tenn.
Mr. Harry F. Nees, Garrison, N.Y.
Mr. Arch Nichols, Asheville, N.C.
Mr. Forrest E. Orr, Montpelier, Vt.
Honorable Robert A. Roe, Washington, D.C.
Mr. George M. Stephens, Asheville, N.C.
Miss Jean Stephenson, Washington, D.C.
Mr. Lawrence Stuart, Augusta, Maine.
Mr. W. Alfred Thompson, Fayetteville, Ga.
Mr. George M. Zoebelein, Bronx, N.Y.

The purpose of this meeting is to discuss State action for protection and acquisition of trail right-of-way, trail-highway interfacing, and general managerial problems and objectives.

The meeting will be open to the public, but facilities and space for accommodating members of the public are limited. It is expected that not more than 50 persons will be able to attend the meeting. Any member of the public may file with the Council a written statement concerning the matters to be discussed.

Persons desiring further information concerning this meeting, or who wish to

file written statements, may contact Edgar L. Gray, Chairman, Appalachian National Scenic Trail Advisory Council, Philadelphia, Pa., at 215-597-0541.

Minutes of the meeting will be available for public inspection 2 weeks after the meeting, at the office of the National Park Service, Northeast Regional Office, 143 South Third Street, Philadelphia, Pa. 19106.

Dated March 28, 1973.

STANLEY W. HULETT,
Associate Director,
National Park Service.

[FR Doc.73-6611 Filed 4-5-73;8:45 am]

DEPARTMENT OF AGRICULTURE

Forest Service

COOPERATIVE 1973 GYPSY MOTH SUPPRESSION AND REGULATORY PROGRAM

Notice of Availability of Final Environmental Statement

Pursuant to section 102(2)(C) of the National Environmental Policy Act of 1969, the Forest Service and Animal and Plant Health Inspection Service, Department of Agriculture, have prepared a final environmental statement for the Cooperative 1973 Gypsy Moth Suppression and Regulatory Program, USDA-FS-APHIS-FES(Adm) 73-41.

The environmental statement concerns a cooperative suppression program with the States of Pennsylvania, New York, New Jersey, and Rhode Island to aerially spray approximately 215,000 acres. Three different insecticides will be used. Some acres will be treated with carbaryl, others with trichlorfon or *Bacillus thuringiensis* to protect forest reserves from imminent damage by the gypsy moth. The cooperative regulatory program is to prevent artificial, long-distance spread and to eradicate incipient, remote infestations in the United States.

This final environmental statement was filed with CEQ on March 28, 1973.

Copies are available for inspection during regular working hours at the following locations:

USDA, Forest Service, South Agriculture Bldg., room 3230, 12th St. and Independence Ave. SW., Washington, D.C. 20250.
USDA, Animal and Plant Health Inspection Service, Administration Bldg., room 302-E, 12th St. and Independence Ave. SW., Washington, D.C. 20250.
USDA, Forest Service, 6816 Market Street, room 409, Upper Darby, Pa. 19082.

A limited number of single copies are available upon request to John R. McGuire, Chief, U.S. Forest Service, South Agriculture Building, 12th Street and Independence Avenue SW., Washington, D.C. 20250.

Copies are also available from the National Technical Information Service, U.S. Department of Commerce, Springfield, Va. 22151. Please refer to the name and number of the environmental statement above when ordering.

Copies of the environmental statement have been sent to various Federal, State, and local agencies as outlined in the Council on Environmental Quality Guidelines.

PHILIP L. THORNTON,
Deputy Chief, Forest Service.

APRIL 3, 1973.

[FR Doc.73-6694 Filed 4-5-73;8:45 am]

DEPARTMENT OF COMMERCE

Maritime Administration

[Docket No. S-340]

AMERICAN PRESIDENT LINES, LTD.

Notice of Application

Notice is hereby given that American President Lines, Ltd., has applied for amendment of the service description of its subsidized line B—round-the-world (westbound) service so as to add U.S.S.R. in Asia. The operator's line B service description does not include any ports in the U.S.S.R.

Any person, firm, or corporation having any interest in such application and desiring a hearing on issues pertinent to section 605(c) of the Merchant Marine Act, 1936, as amended (46 U.S.C. 1175), should by the close of business on April 19, 1973, notify the Secretary, Maritime Subsidy Board, in writing in triplicate, and file petition for leave to intervene in accordance with the rules of practice and procedure of the Maritime Subsidy Board.

In the event a section 605(c) hearing is ordered to be held, the purpose thereof will be to receive evidence relevant to (1) whether the application is one with respect to a vessel to be operated in an essential service, served by citizens of the United States which would be in addition to the existing service, or services, and if so, whether the service already provided by vessels of U.S. registry in such essential service is inadequate, and (2) whether in the accomplishment of the purpose and policy of the act additional vessels should be operated therein.

If no request for hearing and petition for leave to intervene is received within the specified time, or if the Maritime Subsidy Board determines that petitions for leave to intervene filed within the specified time do not demonstrate sufficient interest to warrant a hearing, the Maritime Subsidy Board will take such action as may be deemed appropriate.

By order of the Maritime Subsidy Board/Maritime Administration.

Dated April 3, 1973.

JAMES S. DAWSON, Jr.,
Secretary.

[FR Doc.73-6695 Filed 4-5-73;8:45 am]

National Oceanic and Atmospheric Administration

[Docket No. S-604]

NILS P. FORTUNE

Notice of Loan Application

APRIL 2, 1973.

Nils P. Fortune, 2105 North 163d, Seattle, Wash. 98133, has applied for a loan from the Fisheries Loan Fund to aid in financing the purchase of a new fiberglass vessel, about 36 feet in length, to engage in the fishery for salmon and Dungeness crab off the coasts of Oregon and Washington.

Notice is hereby given, pursuant to the provisions of 16 U.S.C. 742c, Fisheries Loan Fund procedures (50 CFR Part 250, as revised), and reorganization plan No. 4 of 1970, that the above entitled application is being considered by the National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce, Washington, D.C. 20235. Any person desiring to submit evidence that the contemplated operation of such vessel will cause economic hardship or injury to efficient vessel operators already operating in that fishery must submit such evidence in writing to the Director, National Marine Fisheries Service, on or before May 7, 1973. If such evidence is received it will be evaluated along with such other evidence as may be available before making a determination that the contemplated operation of the vessel will or will not cause such economic hardship or injury.

PHILIP M. ROEDEL,
Director.

[FR Doc.73-6648 Filed 4-5-73;8:45 am]

SEA-ARAMA MARINEWORLD ET AL.

Notice of Public Hearings Regarding Applications for Economic Hardship Exemption

Notice is hereby given pursuant to the provisions of the Marine Mammal Protection Act of 1972 (Public Law 92-522) and the interim Department of Commerce regulations issued (37 FR 28177) in connection therewith, that five hearings will be held as described below to consider applications for economic hardship exemptions to take or import various marine mammals for public display, or scientific research.

1. Sea-Arama Marineworld, Seawall Boulevard at 91st Street, P.O. Box 3068, Galveston, Tex. 77550, to take or import one killer whale (*Orcinus orca*) and nine Atlantic bottle-nose dolphins (*Tursiops truncatus*), for public display. The hearing will be held at 9 a.m. local time on Tuesday, April 24, 1973, in the conference room of the Gulf Coast Fisheries Research Center, National Marine Fisheries Service, Building 302, Fort Crockett, Galveston, Tex. 77550.

2. Dr. H. L. Stone, chief, Cardiovascular Control Section, Division of Comparative Marine Neurobiology, the Marine Biomedical Institute, Galveston, Tex., to capture and hold 20 California sea lions (*Zalophus californianus*) to continue scientific research to describe their diving reflexes elicited by face emersion. The hearing will be held at 9 a.m. local time on Tuesday, April 24, 1973, in the conference room of the Gulf Coast Fisheries Research Center, National Marine Fisheries Service, Building 403, Fort Crockett, Galveston, Tex. 77550.

3. Gulfarium, Inc., Fort Walton Beach, Fla. 32548, to take four Atlantic

bottle-nose dolphins (*Tursiops truncatus*), for public display. The hearing will be held at 10 a.m. local time on Wednesday, April 25, 1973, in the Escambia County Health Department Auditorium, 2251 North Palafox Street, Pensacola, Fla. 32501.

4. Joseph L. Hrachovec, President, Black Hills Marineland, Inc., P.O. Box 1243, Rapid City, S. Dak., to take and display three California sea lions (*Zalophus californianus*). The hearing will be held at 10 a.m. local time on Wednesday, April 25, 1973, in the Escambia County Health Department Auditorium, 2251 North Palafox Street, Pensacola, Fla. 32501.

5. Mystic Aquarium, Inc., 1144 Union Commerce Building, Cleveland, Ohio, 44115, and P.O. Box 190, Mystic, Conn. 06355, to take five Atlantic harbor seals (*Phoca vitualina*), seven Atlantic bottle-nose dolphins (*Tursiops truncatus*) and three Pacific pilot whales (*Globicephala scammoni*) for public display. The hearing will be held at 10 a.m. local time on Monday, April 30, 1973, in the Morgan Room at the Ramada Inn, Interstate 95 and Route 27, Mystic, Conn. 06355.

Individuals and organizations may express their views by appearing at these hearings or may submit written comments for inclusion in the official record, to the National Marine Fisheries Service regional director of the region where a hearing will be held. The addresses are as follows:

For the hearings in Galveston and Pensacola: Regional Director, Southeast Region, National Marine Fisheries Service, 144 First Avenue South, St. Petersburg, Fla. 33701, telephone 813-893-3141.

For the hearing in Mystic, Conn.: Regional Director, Northeast Region, National Marine Fisheries Service, Federal building, 14 Elm Street, Gloucester, Mass. 01930, telephone 617-281-0640.

Any inquiries with respect to the above hearings should be addressed to the appropriate regional director. Copies of the files regarding the applications will be available at the offiec of the appropriate regional director. Written comments which are received within 10 working days after the conclusion of a hearing will be accepted for the official record.

Dated April 3, 1973.

ROBERT W. SCHONING,
Acting Director, National Marine Fisheries Service.

[FR Doc.73-6681 Filed 4-5-73;8:45 am]

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

National Institutes of Health

CONSTRUCTION OF NURSE TRAINING FACILITIES REVIEW COMMITTEE

Notice of Cancellation of Meeting

Notice is hereby given of the cancellation of the meeting of the Construction of Nurse Training Facilities Review Committee, April 30-May 1, 1973, announced in notice of meeting dated March 13, 1973.

JOHN F. SHERMAN,
Deputy Director, National Institutes of Health.

MARCH 30, 1973.

[FR Doc.73-6650 Filed 4-5-73;8:45 am]

PHARMACOLOGIC AND CLINICAL APPROACHES IN SMOKING WORKING GROUP

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Pharmacologic and Clinical Approaches in Smoking Working Group, April 15, 1973, at 9 a.m., Dennis Hotel, Ozone Lounge, Atlantic City, N.J. This meeting will be open to the public from 9 a.m. to 5 p.m. on April 15 to discuss current project plans for pharmacologic and clinical approaches in smoking. Attendance by the public will be limited to space available.

Mr. Frank Karel, Associate Director for Public Affairs, NCI, Building 31, Room 10A31, National Institutes of Health, Bethesda, Md. 20014, 301-496-1911 will furnish summaries of the open meeting and roster of committee members.

Dr. Gio B. Gori, Executive Secretary, Building 31, Room 11A03, National Institutes of Health, Bethesda, Md. 20014 301-496-6616 will provide substantive program information.

JOHN F. SHERMAN,
Acting Director, National Institutes of Health.

MARCH 30, 1973.

[FR Doc.73-6649 Filed 4-5-73;8:45 am]

VIROLOGY STUDY SECTION, DIVISION OF RESEARCH GRANTS

Amended Notice of Meeting

Pursuant to Public Law 92-463 and previous notice of meeting dated March 13, 1973, notice is hereby given that the meeting of the Virology Study Section, Division of Research Grants, will be held at 8:30 a.m., April 19-21, 1973. The meeting time has been advanced from 9 a.m. to 8:30 a.m. on April 19. This meeting will be held at the National Institutes of Health, Building 31, C-Wing, Room 10, Bethesda, Md., and will be open to the public from 8:30 to 9:30 a.m., April 19, 1973, to discuss administrative details relating to committee business. All other sessions will be closed to the public to review, discuss, and evaluate and/or rank grant applications in accordance with the provisions set forth in Section 552(b) 4 of Title 5 United States Code and 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mr. Richard Turlington, Division of Research Grants, Information Officer, Room 433, NIH, Westwood Building, Bethesda, Md. 20014, telephone 496-7441, will furnish summaries of the meeting and rosters of the committee members. Substantive program information may be obtained from the Executive Secretary, Dr. Claire Winestock, Room 340, Westwood Building, Bethesda, Md. 20014, telephone 496-7128.

JOHN F. SHERMAN,
Acting Director, National Institutes of Health.

MARCH 30, 1973.

[FR Doc.73-6651 Filed 4-5-73;8:45 am]

Office of the Secretary

BOARD OF ADVISORS TO THE FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION

Notice of Meeting

The Board of Advisors to the Fund is an advisory committee which is authorized to recommend to the Director of the Fund and the Assistant Secretary for Education priorities for funding and the approval or disapproval of grants and contracts of a given kind or over a designated amount.

The meeting of the committee will be held on Monday, April 9, 1973, from 9 a.m. to 3 p.m., at the Dupont Plaza, 1500 New Hampshire Avenue, NW., Washington, D.C. The meeting will be devoted to a consideration of the procedures for the operation of the Board, a consideration of response to the regulations and guidelines, and a preliminary review of funding areas and projects. The meeting will not be open for public observation from 10 a.m. to 3 p.m. A summary of the proceeding of the meeting and a roster of members may be obtained from the Fund for the Improvement of Postsecondary Education, 400 Maryland Avenue, SW., room 3139, Washington, D.C. 20202, telephone number 202-962-3704.

RUSSELL EDGERTON,
Executive Secretary.

MARCH 28, 1973.

[FR Doc.73-6726 Filed 4-5-73;8:45 am]

CONSUMER ADVISORY COUNCIL

Notice of Public Meeting

Pursuant to Public Law 92-463 of October 6, 1972, notice is hereby given that there will be a public meeting of the Consumer Advisory Council to the Office of Consumer Affairs, U.S. Department of Health, Education, and Welfare, which will commence at 10 a.m. on April 10 in room 5104, New Executive Office Building, 17th and H Streets NW., Washington, D.C. 20506.

The Consumer Advisory Council was established under section 5 of Executive Order No. 11583 issued February 24, 1971, to advise the Director of the Office of Consumer Affairs with respect to policy matters relating to consumer interests,

the effectiveness of Federal programs and operations which affect the interests of consumers, problems of primary importance to consumers, and ways in which unmet consumer needs can appropriately be met through Federal Government action.

The meeting is open to the public, with the number of persons admitted subject to reasonable limitation according to space available. The agenda will include discussions on consumer activities and programs of the Office of Consumer Affairs and various other Federal agencies, on the President's economic stabilization program, energy, consumer credit, and nutrition education.

Signed at Washington, D.C., this fourth day of April 1973.

VIRGINIA H. KNAUER,
Director, Office of Consumer Affairs, and Executive Secretary, Consumer Advisory Council.

[FR Doc.73-6748 Filed 4-5-73;8:45 am]

DEPARTMENT OF TRANSPORTATION

Hazardous Materials Regulations Board

SPECIAL PERMITS ISSUED

Pursuant to docket No. HM-1, rulemaking procedures of the Hazardous Materials Regulations Board, issued May 22, 1968 (33 FR 8277), 49 CFR 170, following is a list of new DOT special permits upon which Board action was completed during March 1973:

Special permit No.	Issued to—Subject	Mode or modes of transportation
6736	Shippers registered with this Board to ship neon in DOT Specification 107A tank car...	Rail.
6737	Western Cryogenics, North Hollywood, Calif., to ship liquefied carbon monoxide in a non-DOT Specification Cosmodyne FB-3 tank motor vehicle.	Highway.
6738	Shippers registered with this Board to ship liquefied ethylene in one non-DOT specification tank motor vehicle.	Do.
6739	Shippers registered with this Board to ship ground reclaimed rubber in high density polyethylene bags.	Highway and rail.
6741	PPG Industries, Inc., Pittsburgh, Pa., to transport an oxidizing material, n.o.s. in polyethylene bags overpacked in open head, 18-gage steel drums.	Highway.
6742	Allied Chemical Corp., Morristown, N.J., or Cesco Inc., Div. of Browning-Ferris Co., to ship a corrosive liquid, n.o.s. in DOT Specification MC312 tank motor vehicles.	Do.
6743	ICI America Inc., Atlas Explosives Division, Wilmington, Del., to ship a nitro carbo nitrate slurry in DOT Specification 56 portable tank.	Do.
6746	Firestone Natural Rubber & Latex Co., Akron, Ohio, to ship anhydrous ammonia in portable tanks built, marked and maintained in compliance with DOT Specification MC331.	Do.
6748	Liquid Carbonic Corp., Chicago, Ill., to ship hydrogen; and certain compressed gases in accordance with § 173.302 (c) except cylinders are not plus (+) marked. Tube trailers only.	Do.

Denied—Subject.—1. Request by Power-Pak Products, Inc., Spartanburg, S.C., to qualify larger fire extinguishers for 49 CFR 173.306(c) exemptions.

G. ROUSSEAU,
Alternate Secretary.

[FR Doc.73-6641 Filed 4-5-73;8:45 am]

ATOMIC ENERGY COMMISSION

[Dockets Nos. 50-317, 50-318]

BALTIMORE GAS & ELECTRIC CO.

Notice of Availability of Final Environmental Statement

Pursuant to the National Environmental Policy Act of 1969 and the U.S. Atomic Energy Commission's regulations in appendix D to 10 CFR Part 50, notice is hereby given that the Final Environmental Statement prepared by the Commission's Directorate of Licensing, related to the proposed operation of the Calvert Cliffs Nuclear Plant Units 1 and 2, by the Baltimore Gas & Electric Co., in Calvert County, Md., is available for inspection by the public in the Commission's Public Document Room at 1717 H Street NW., Washington, D.C. 20545 and in the Calvert County Library, Prince Frederick, Md. 20678. The Final Environmental Statement is also being made available at the Office of the Regional Planning Council, Mount Vernon Medical Building, 701 St. Paul Street, Baltimore, Md. 21202, and at the Department of State Planning, 301 West Preston Street, Baltimore, Md.

The notice of availability of the Draft Environmental Statement for the Calvert Cliffs Nuclear Plant, Units 1 and 2 and request for comments from interested persons was published in the FEDERAL REGISTER on February 1, 1972 (37 FR 2460). The comments received from Federal, State, and local officials and interested members of the public have been included as appendixes to the Final Environmental Statement.

Single copies of the Final Environmental Statement may be obtained by writing the U.S. Atomic Energy Commission, Washington, D.C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Maryland, this 30th day of March 1973.

For the Atomic Energy Commission.

GEORGE W. KNIGHTON,
Chief, Environmental Projects Branch No. 1, Directorate of Licensing.

[FR Doc.73-6487 Filed 4-5-73;8:45 am]

[Docket No. 50-268]

GENERAL ELECTRIC CO.

Order Extending Provisional Construction Permit Completion Date

General Electric Co. is the holder of Provisional Construction Permit CPCSF-3 issued by the Commission on December 28, 1967, for the construction of the Midwest Fuel Recovery Plant, an irradiated nuclear fuel reprocessing plant, presently undergoing preoperational testing at the company's site in Grundy County, Ill.

On February 27, 1973, the company requested an extension of the completion date for the purpose of completing the preoperational testing of the facility. Preoperational testing of the facility must be completed before a facility license can be issued. The preoperational testing program has taken considerably longer than the applicant anticipated, primarily because of the sequential nature of the testing wherein necessary corrections must be made in systems before proceeding to the next phase and all process steps must be capable of normal operation before integrated system testing can be started. The initial acceptance test procedures indicated a substantial number of construction deficiencies which required correction and delayed systems functional testing. Most of the corrections have been made and final integrated system testing should be initiated shortly.

The Director of Regulation having determined that this action involves no significant hazards, consideration and good cause having been shown, the bases for which are set forth in a memorandum from D. A. Nussbaumer to S. H. Smiley dated March 29, 1973:

It is hereby ordered, That the latest completion date for CPCSF-3 is extended from April 1, 1973, to April 1, 1974.

Dated of issuance: March 30, 1973.

For the Atomic Energy Commission.

S. H. SMILEY,
Deputy Director for Fuels and Materials, Directorate of Licensing.

[FR Doc.73-6647 Filed 4-5-73;8:45 am]

[Docket No. 50-423]

MILLSTONE POINT CO., ET AL.

Receipt of Application for Construction Permit and Facility License and Availability of Applicants' Environmental Report; Time for Submission of Views on Antitrust Matters

The Millstone Point Co.; the Connecticut Light and Power Co.; the Hartford Electric Light Co.; Western Massachusetts Electric Co.; New England Power Co.; the United Illuminating Co.; Public Service Company of New Hampshire; Central Vermont Public Service Corp.; Vermont Electric Power Corp.; city of Burlington, Vt., Green Mountain Power Corp.; Montaup Electric Co.; Fitchburg Gas and Electric Light Co., Chicopee; Massachusetts Municipal Lighting Plant;

town of South Hadley Electric Light Department, Westfield; Massachusetts Gas and Electric Light Department, Peabody; Massachusetts Municipal Light Plant, North Attleborough; Massachusetts Electric Department, Boylston; Massachusetts Municipal Lighting Plant, West Boylston; Massachusetts Municipal Lighting Plant, Wakefield; Massachusetts Municipal Light Department, Shrewsbury; Massachusetts Light Plant, Paxton; Massachusetts Municipal Light Department, Middleton; Massachusetts Municipal Light Department, Ashburnham; Massachusetts Municipal Lighting Plant, Templeton; Massachusetts Municipal Lighting Plant, and Marblehead; Massachusetts Municipal Light Department (the applicants), pursuant to section 103 of the Atomic Energy Act of 1954, as amended, have filed an application, which was docketed February 10, 1972, for authorization to construct and operate a pressurized water nuclear reactor at its site, located in the town of Waterford, New London County, Conn. The site consists of 500 acres of land, and is located on the north shore of Long Island Sound approximately 3 miles from New London, Conn., and 40 miles southeast of Hartford, Conn.

The proposed nuclear facility, designated by the applicants as Millstone Nuclear Power Station, Unit 3, is designed for initial operation at approximately electrical output of approximately 1,156 megawatts.

Any person who wishes to have his views on the antitrust aspects of the application presented to the Attorney General for consideration shall submit such views to the Commission by May 22, 1973.

A copy of the application is available for public inspection at the Commission's Public Document Room, 1717 H Street NW., Washington, DC 20545, and at the Waterford Public Library, Rope Ferry Road, Route 156, Waterford, Conn. 06385.

The applicants have also filed, pursuant to the National Environmental Policy Act of 1969 and the regulations of the Commission in Appendix D to 10 CFR Part 50, a report entitled, "Environmental Report—Construction Permit Stage," dated February 7, 1973. The report has been made available for public inspection at the aforementioned locations. The report, which discusses environmental considerations related to the proposed construction of the Millstone Nuclear Power Station, Unit 3, is also being made available at the Office of State Planning, Department of Finance and Control, 340 Capitol Avenue, Hartfor, Conn. 06115, and at the Southeastern Connecticut Regional Planning Agency, 139 Boswell Avenue, Norwich, Conn. 06360.

After the report has been analyzed by the Commission's Director of Regulation or his designee, a draft environmental statement related to the proposed action will be prepared by the Commission. Upon preparation of the draft environmental statement, the Commission will, among other things, cause to be published in the FEDERAL REGISTER a summary notice of availability of the draft statement. The summary notice will request comments from interested persons on the proposed action and on the draft statement. The summary notice will also contain a statement to the effect that comments of Federal agencies and State and local officials thereon will be made available when received.

Dated at Bethesda, Md., this 15th day of March 1973.

For the Atomic Energy Commission.

D. B. VASSALLO,
Chief, Pressurized Water Reactors Branch No. 1 Directorate of Licensing.

[FR Doc.73-5659 Filed 3-22-73;8:45 am]

[Dockets Nos. 50-338, 50-339, 50-404, 50-405]

VIRGINIA ELECTRIC AND POWER CO.

North Anna Power Station; Availability of Environmental Statement

Pursuant to the National Environmental Policy Act of 1969 and the U.S. Atomic Energy Commission's regulations in Appendix D to 10 CFR Part 50, notice is hereby given that the Final Environmental Statement prepared by the Commission's Directorate of Licensing, related to the proposed North Anna Power Station units 1, 2, 3, and 4, proposed continuation of construction permits CPPR-77 and CPPR-78 and the issuance of operating licenses for the startup and operation of units 1 and 2, and the issuance of construction permits for units 3 and 4 by Virginia Electric and Power Co. near Mineral, Louisa County, Va., is available for inspection by the public in the Commission's Public Document Room at 1717 H Street, NW., Washington, D.C. and in the Louisa County Courthouse, Louisa, Va. The Final Environmental Statement is also being made available at the Virginia Division of State Planning and Community Affairs, 1010 James Madison Building, Richmond, Va.

The notice of availability of the Draft Environmental Statement for the North Anna Power Station units 1, 2, 3, and 4, and requests for comments from interested persons was published in the FEDERAL REGISTER on December 12, 1972 (37 FR 26461). The comments received from Federal, State and local officials and interested members of the public have been included as appendices to the Final Environmental Statement.

Single copies of the Final Environmental Statement may be obtained by writing the U.S. Atomic Energy Commission, Washington, D.C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Md., this 3d day of April 1973.

For the Atomic Energy Commission.

GORDON K. DICKER,
Chief, Environmental Projects Branch 2, Directorate of Licensing.

[FR Doc.73-6721 Filed 4-5-73;8:45 am]

COMMISSION ON CIVIL RIGHTS

MASSACHUSETTS STATE ADVISORY COMMITTEE

Notice of Open Meeting

Notice is hereby given, pursuant to the provisions of the rules and regulations of the U.S. Commission on Civil Rights, that a planning meeting of the Massachusetts State Advisory Committee will convene at 12 noon on April 13, 1973, in room 505 of the John F. Kennedy Federal Building, Government Center, Boston, Mass. 02203.

Persons wishing to attend this meeting should contact the committee chairman, or the northeastern regional office of the Commission at room 1639, 26 Federal Plaza, New York, N.Y. 10007.

The purpose of this meeting shall be to define new project proposals in connection with the Massachusetts State Committee's plans for a study of the Massachusetts Civil Service System.

This meeting will be conducted pursuant to the rules and regulations of the Commission.

Dated at Washington, D.C., March 30, 1973.

ISAIAH T. CRESWELL, Jr.,
Advisory Committee Management Officer.

[FR Doc.73-6618 Filed 4-5-73;8:45 am]

MICHIGAN STATE ADVISORY COMMITTEE

Notice of Open Meeting

Notice is hereby given, pursuant to the provisions of the rules and regulations of the U.S. Commission on Civil Rights, that a planning meeting of the Michigan State Advisory Committee will convene at 3 p.m. on April 13, 1973, in the 9th floor conference room, City Hall Downtown, 35 Lyon NW., Grand Rapids, Mich. 49502.

Persons wishing to attend this meeting should contact the committee chairman, or the midwestern regional office of the Commission at room 1428, 219 South Dearborn Street, Chicago, Ill. 60604.

The purpose of this meeting shall be to confer with the conference cosponsor and finalize committee plans for the June 14-17 (tentative dates) "Conference on State and Local Human Relations Commissions."

This meeting will be conducted pursuant to the rules and regulations of the Commission.

Dated at Washington, D.C., March 30, 1973.

ISAIAH T. CRESWELL, Jr.,
Advisory Committee Management Officer.

[FR Doc.73-6617 Filed 4-5-73;8:45 am]

MINNESOTA STATE ADVISORY COMMITTEE

Notice of Open Meeting

Notice is hereby given, pursuant to the provisions of the rules and regulations of the U.S. Commission on Civil Rights,

that a planning meeting of the Minnesota State Advisory Committee will convene at 10 a.m. on April 7, 1973, and at 8:30 a.m. on April 8, 1973, in the Savoy Room, Curtis Hotel, 327 10th Street, Minneapolis, Minn. 55404. Persons wishing to attend this meeting should contact the committee chairman, or the Central States regional office of the Commission at the Old Federal Office Building, 911 Walnut Street, room 3103, Kansas City, Mo. 64106.

The purpose of this meeting shall be to plan the reorganization of and develop the program for the Minnesota State Advisory Committee for the balance of fiscal year 1973.

This meeting will be conducted pursuant to rules and regulations of the Commission.

Dated at Washington, D.C. March 30, 1973.

ISAIAH T. CRESWELL, Jr.,
Advisory Committee Management Officer.

[FR Doc.73-6605 Filed 4-5-73;8:45 am]

NEW YORK STATE ADVISORY COMMITTEE

Notice of Open Meeting

Notice is hereby given, pursuant to the provisions of the rules and regulations of the U.S. Commission on Civil Rights, that a planning meeting of the New York State Advisory Committee will convene at 4 p.m. on April 11, 1973, at the offices of the Phelps Stokes Fund, Inc., Number 10 East 87th Street, New York, N.Y. 10003.

Persons wishing to attend this meeting should contact the committee chairman, or the northeastern regional office of the Commission at room 1639, 26 Federal Plaza, New York, N.Y. 10007.

The purpose of this meeting shall be to receive and consider reports from each of the subcommittees of the New York State Advisory Committee.

This meeting will be conducted pursuant to the rules and regulations of the Commission.

Dated at Washington, D.C., March 30, 1973.

ISAIAH T. CRESWELL, Jr.,
Advisory Committee Management Officer.

[FR Doc.73-6616 Filed 4-5-73;8:45 am]

OHIO STATE ADVISORY COMMITTEE

Notice of Open Meeting

Notice is hereby given, pursuant to the provisions of the rules and regulations of the U.S. Commission on Civil Rights, that a planning meeting of the Ohio State Advisory Committee will convene at 10 a.m. on April 7, 1973, at the Holiday Inn, 8th and Linn Streets, Cincinnati, Ohio 45203.

Persons wishing to attend this meeting should contact the committee chairman, or the midwestern regional office of the Commission at room 1428, 219 South Dearborn Street, Chicago, Ill. 60604.

The purposes of this meeting shall be to (1) analyze all material and information gathered during recent visits and (2) reschedule and finalize plans for the open meeting of the Ohio Prison project.

This meeting will be conducted pursuant to the rules and regulations of the Commission.

Dated at Washington, D.C., March 30, 1973.

ISAIAH T. CRESWELL, Jr.,
Advisory Committee Management Officer.

[FR Doc.73-6606 Filed 4-5-73;8:45 am]

COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

CERTAIN MANMADE FIBER TEXTILE PRODUCTS PRODUCED OR MANUFACTURED IN THE REPUBLIC OF CHINA

Entry or Withdrawal from Warehouse for Consumption

On October 4, 1972, there was published in the FEDERAL REGISTER (37 FR 20883) a letter of September 29, 1972, from the Chairman, Committee for the Implementation of Textile Agreements, to the Commissioner of Customs, implementing those provisions of the Bilateral Wool and Manmade Fiber Textile Agreement of December 30, 1971, between the Governments of the United States and the Republic of China which establish specific export limitations on wool and manmade fiber textile products in certain categories, produced or manufactured in the Republic of China, for the agreement year beginning October 1, 1972. The agreement was amended by directive of December 19, 1972 (37 FR 28446) to adjust the group ceilings applicable to wool apparel (categories 111-125) and wool fabric, made-up, and miscellaneous textiles (categories 101-110 and 126-132).

On March 16, 1973, notes were exchanged pursuant to paragraph 3 of the Bilateral Wool and Man-Made Fiber Agreement adjusting the level of restraint applicable to manmade fiber textile products in category 224.

Accordingly, there is published below a letter of April 2, 1973, from the Chairman of the Committee for the Implementation of Textile Agreements to the Commissioner of Customs further amending the directive of September 29, 1972, to adjust the level of restraint applicable to imports of manmade fiber textile products in category 224, produced or manufactured in the Republic of China.

SETH M. BODNER,
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources and Trade Assistance.

COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

COMMISSIONER OF CUSTOMS,
Department of the Treasury,
Washington, D.C.

APRIL 2, 1973.

DEAR MR. COMMISSIONER: This directive further amends but does not cancel the directive issued to you on September 29, 1972, by the Chairman, Committee for the Implementation of Textile Agreements, regarding imports into the United States of wool and manmade fiber textile products in certain categories, produced or manufactured in the Republic of China. The directive of September 29, 1972, was previously amended on December 19, 1972.

Under the provisions of the Bilateral Wool and Man-Made Fiber Textile Agreement of December 30, 1971, between the Governments of the United States and the Republic of China and in accordance with Executive Order 11651 of March 3, 1972, you are directed to amend, effective as soon as possible, the level of restraint established in the aforesaid directive of September 29, 1972, as amended, for manmade fiber textile products in category 224 as set forth below:

Category:	*Amended 12-month level of restraint* [1]
224	8,589,744 pounds (of which not more than 544,872 pounds in T.S.U.S.A. Nos. 380.-8160, 380.8155, and 380.8150 exported during the period April 1, 1973 through September 30, 1973 may be permitted entry)

[1] This level has not been adjusted to reflect any entries made on or after Oct. 1, 1972.

The actions taken with respect to the Government of the Republic of China and with respect to imports of manmade fiber textile products from the Republic of China have been determined by the Committee for the Implementation of Textile Agreements to involve foreign affairs functions of the United States. Therefore, the directions to the Commissioner of Customs, being necessary to the implementation of such actions, fall within the foreign affairs exception to the rulemaking provisions of 5 U.S.C. 553. This letter will be published in the FEDERAL REGISTER.

Sincerely,

SETH M. BODNER,
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources and Trade Assistance.

[FR Doc.73-6709 Filed 4-5-73;8:45 am]

CERTAIN COTTON TEXTILES AND COTTON TEXTILES PRODUCTS PRODUCED OR MANUFACTURED IN THE REPUBLIC OF CHINA

Entry or Withdrawal from Warehouse for Consumption

On December 30, 1972, there was published in the FEDERAL REGISTER (37 FR 28774) a letter dated December 21, 1972, from the Chairman, Committee for the Implementation of Textile Agreements, to the Comissioner of Customs, implementing those provisions of the Bilateral Cotton Textile Agreement of December 30, 1971, between the Governments

of the United States and the Republic of China which establish specific export limitations on certain categories for the agreement year beginning January 1, 1973, and extending through December 31, 1973.

On March 16, 1973, pursuant to paragraphs 5 and 15 of the aforementioned agreement, the two Governments agreed to establish additional specific export limitations on category 48 at a level of 19,000 doz and category 49 at a level of 29,231 doz for the agreement year beginning 1, 1973.

Accordingly, there is published below a letter of April 2, 1973, from the Chairman of the Committee for the Implementation of Textile Agreements to the Commissioner of Customs, directing that the amounts of cotton textiles and cotton textile products in categories 48 and 49 produced or manufactured in the Republic of China which may be entered or withdrawn from warehouse for consumption in the United States for the 12-month period beginning January 1, 1973, and extending through December 31, 1973, be limited to the designated levels. The letter published below and the actions pursuant thereto are not designed to implement all of the provisions of the bilateral agreement but are designed to assist only in the implementation of certain of its provisions.

SETH M. BODNER,
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources and Trade Assistance.

COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

COMMISSIONER OF CUSTOMS,
Department of the Treasury,
Washington, D.C.

APRIL 2, 1973.

DEAR MR. COMMISSIONER: This directive amends but does not cancel the directive issued to you on December 21, 1972 by the Chairman, Committee for the Implementation of Textile Agreements, regarding imports into the United States of cotton textiles and cotton textile products produced or manufactured in the Republic of China.

Under the terms of the Long-Term Arrangement Regarding International Trade in Cotton Textiles done at Geneva on February 9, 1962, pursuant to the Bilateral Cotton Textile Agreement of December 30, 1971, between the Governments of the United States and the Republic of China, and in accordance with the procedures of Executive Order 11651 of March 3, 1972, you are directed to prohibit, effective as soon as possible and for the 12-month period extending through December 31, 1973, entry into the United States for consumption and withdrawal from warehouse for consumption of cotton textiles and cotton textile products in categories 48 and 49, produced or manufactured in the Republic of China, in excess of the following:

Category:	*12-Month Level of Restraint*[1] (Dozen)
48	19,000
49	29,231

[1] These levels have not been adjusted to reflect any entries made on or after Jan. 1, 1973.

Entries of cotton textile products in the above categories produced or manufactured in the Republic of China and which have been exported to the United States prior to January 1, 1973, shall not be subject to this directive.

Cotton textile products which have been released from the custody of the Bureau of Customs under the provisions of 19 U.S.C. 1448(b) prior to the effective date of this directive shall not be denied entry under this directive.

A detailed description of the cotton textile products in terms of T.S.U.S.A. numbers was published in the FEDERAL REGISTER on April 29, 1972 (37 FR 8802), as amended February 14, 1973 (38 FR 4436).

In carrying out this directive, entry into the United States for consumption shall be construed to include entry for consumption into the Commonwealth of Puerto Rico.

The actions taken with respect to the Government of the Republic of China and with respect to imports of cotton textiles and cotton textile products from the Republic of China have been determined by the Committee for the Implementation of Textile Agreements to involve foreign affairs functions of the United States. Therefore, the directions to the Commissioner of Customs, being necessary to the implementation of such actions, fall within the foreign affairs exception to the rulemaking provisions of 5 U.S.C. 553. This letter will be published in the FEDERAL REGISTER.

Sincerely,

SETH M. BODNER,
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources and Trade Assistance.

[FR Doc.73-6710 Filed 4-5-73;8:45 am]

CERTAIN MANMADE FIBER TEXTILE PRODUCTS PRODUCED OR MANUFACTURED IN THE REPUBLIC OF KOREA

Entry or Withdrawal from Warehouse for Consumption

APRIL 2, 1973.

On March 8, 1973, there was published in the FEDERAL REGISTER (38 FR 6313) a letter dated March 7, 1973, from the Chairman, Committee for the Implementation of Textile Agreements, to the Commissioner of Customs, amending the levels of restraint applicable to manmade fiber textile products in categories 200–205 and 241–243, as a group; Categories 214–240, as a group; and individual Category 219, among other categories, which had been established by directive of September 28, 1972 (37 FR 20883), pursuant to the provisions of the bilateral Wool and Manmade Fiber Textile Agreement of January 4, 1972, between the Governments of the United States and the Republic of Korea for the 12-month period beginning October 1, 1972.

On March 23, 1973, the Government of the Republic of Korea requested the Government of the United States to rescind the amended level for category 219 set forth in the directive of March 7, 1973, and to reinstate the original level contained in the directive of September 28, 1972. The U.S. Government has acceded to that request.

Accordingly, there is published below a letter of April 2, 1973, from the Chairman of the Committee for the Implementation of Textile Agreements to the Commissioner of Customs reinstating the levels of restraint contained in the directive of September 28, 1972, and applicable to categories 200–205 and 241–243, as a group; categories 214–240, as a group; and individual category 219, produced or manufactured in the Republic of Korea, for the 12-month period beginning October 1, 1972.

SETH M. BODNER,
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources and Trade Assistance.

COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

COMMISSIONER OF CUSTOMS,
Department of the Treasury,
Washington, D.C.

APRIL 2, 1973.

DEAR MR. COMMISSIONER: This directive amends but does not cancel the directive issued to you on March 7, 1973, regarding imports into the United States of manmade fiber textile products in certain categories, produced or manufactured in the Republic of Korea.

Under the provisions of the bilateral Wool and Man-Made Fiber Textile Agreement of January 4, 1972, between the Governments of the United States and the Republic of Korea and in accordance with Executive Order 11651 of March 3, 1972, you are directed to amend, effective as soon as possible, and for the period extending through September 30, 1973, the levels of restraint established in the aforesaid directive of March 7, 1973, for manmade fiber textile products in categories 200–205 and 241–243 as a group; categories 214–240 as a group; and individual category 219, produced or manufactured in the Republic of Korea, as set forth below:

Category:	*Amended 12-month levels of restraint*[1]
200–205 and 241–243 (Group III)	
214–240	34,676,300 square yards equivalent.
(Group I) 219	323,122,100 square yards equivalent. 3,461,231 dozen.

[1] These levels have not been adjusted to reflect any entries made on or after Oct. 1, 1972.

The actions taken with respect to the Government of the Republic of Korea and with respect to imports of wool and man-made fiber textile products from the Republic of Korea have been determined by the Committee for the Implementation of Textile Agreements to involve foreign affairs functions of the United States. Therefore, the directions to the Commissioner of Customs, being necessary to the implementation of such actions, fall within the foreign affairs exception to the rule-making provisions of 5 U.S.C. 553. This letter will be published in the FEDERAL REGISTER.

Sincerely,

SETH M. BODNER,
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources and Trade Assistance.

[FR Doc.73-6711 Filed 4-5-73;8:45 am]

FEDERAL MARITIME COMMISSION

JONES OREGON STEVEDORING CO. ET AL.

Notice of Agreement Filed

Correction

In FR Doc. 73-5810 appearing at page 8086 of the issue for Wednesday, March 28, 1973, in the first line of the fifth paragraph the Agreement number reading "Agreement No. T-2765" should read "Agreement No. T-2764".

CERTIFICATES OF FINANCIAL RESPONSIBILITY (OIL POLLUTION)

Notice of Certificates Revoked

Notice of voluntary revocation is hereby given with respect to certificates of financial responsibility (oil pollution) which had been issued by the Federal Maritime Commission, covering the below-indicated vessels, pursuant to Part 542 of Title 46, Code of Federal Regulations and section 11(p)(1) of the Federal Water Pollution Control Act, as amended.

Certificate No.	*Owner/Operator and Vessels*
01060	London & Overseas Bulk Carriers Ltd.: Overseas Adventurer.
01074	Sigval Bergesen and Associated Companies: Tresfonn.
01137	Huron Barge Co.: Huron.
01153	Atlas Levante-Linie GmbH: Cap Anamur.
01192	Odd Bergs Tankrederi A/S: Kolibris.
01231	Aktieselskapet Tonsbergs Hvalfangeri: Linde. Bianca.
01245	Eilert Lund's Rederi A/S: Marianne.
01304	Furness Withy & Co. Ltd.: Nova Scotia.
01306	Shaw Savill & Albion Co., Ltd.: Atlantic Bermudian.
01428	The Ocean Steam Ship Co. Ltd.: Patroclus. Machaon. Ebani. Deucalion. Dymas. Mano.
01443	Denholm Line Steamers Ltd.: Wellpark.
01451	Duff Herbert & Mitchell Ltd.: Melbrook.
01453	Alden Shipping Co. Ltd.: Vennachar.
01554	Partrederiet AF 23 August 1965: Lene Nielsen.
01462	The Ropner Shipping Co. Ltd.: Wandby.
01464	Christian Salvesen Ltd.: Salambria.
01497	Kaldelion Shipping Co., Ltd.: Elias L.
01504	Yngvar Hvistendahl: Milbank.
01559	Rederiaktiebolaget Fraternitas: Avenir.
01805	Suisse Atlantique: Castasegna.
01845	Kauffahrtei Seereederei Adolf Wiards: Monika Wiards. Cap Race. Adel Weert Wiards.
01935	SS Co. Svendorg Ltd. SS Co. of 1912 Ltd.: Jesper Maersk.
01986	Aktiebolaget Transmarin: Wanja.
02127	Societe D'Armement et de Navigation Charles Schiaffino et Cie.: Nicole Schiaffino. Charles Schiaffino. Ville de Dellys.
02198	The Peninsular & Oriental Steam Navigation Co.: Pando Cape.
02224	Thoukidides Navegacion S.A.: Dona Alexandra
02238	John T. Essberger: Usambara.
02311	Interessentskapet Farsea: Saga Sailor.
02416	Boland & Cornelius, Inc.: U.S. Gypsum.
02477	American Dredging Co.: No. 224.
02498	Chevron Oil Co.: LST-S-22. S-66.
02514	SPS Bulkcarriers Corp.: Theonymphos. Theomana.
02589	Astro Protector Compania Naviera S.A.: Capetan Stathes.
02602	Pyffes Group Limited: Tilapa.
02889	Showa Kaiun Kaisha: Nikkaku Maru.
02976	Arthur-Smith Corp.: Star I.C.H.
03188	N.V. Zeerederij Holland-Zeeland: Atlantic Trader.
03399	Audun Reksten Rederi A/S: Arabrave.
03413	Baba-Daiko Shosen K. K.: Penang Maru.
03418	Daiichi Senpaku K. K.: Muko Maru.
03422	Daiwa Kaiun Kabushiki Kaisha: Tahiti Maru.
03458	Matsuoka Kisen Kabushiki Kaisha: Shosei Maru.
03459	Meiji Kaiun K. K.: Meirinsan Maru.
03466	Nanboku Sangyo K. K.: Tonan Maru No. 1.
03506	Taiheiyo Kaiun K. K.: Hakuyo Maru.
03521	Tokushima Kisen K. K.: Choyo Maru.
03614	A/S Kristian Jebsens Rederi: Birknes.
03631	Seatrain Lines, Inc.: Seatrain New York. Seatrain Savannah.
03960	The Judith Ann Liberian Transport Corp. Ltd.: Judith Ann.
03961	The Medal Shipping Co. Ltd.: Eastern Take.
04002	Compagnie Des Messageries Maritimes: Gange.
04077	Fritzen Schiffsagentur Und Bereederungs-GMBH: Anna Katrin Fritzen.
04113	Mon River Towing, Inc.: E-110 (Esso 110). Elk No. 2. Walker 24.
04170	Dillingham Corp.: Mikiona. Moi. Pt & S 378. HTB-5. HTB-7. HTB-9. HTB-10. HTB-11. HTB-25. HTB-27. HTB-29. HTB-35. HTB-36. HTB-14.
04173	Foss Launch & Tug Co.: Foss 207.
04184	M/G Transport Services Inc.: Midland.
04420	Navigazione Alta Italia S.P.A.: Monflore.
04513	Hinode Gyogyo Kabushiki Kaisha: Hinodemaru No. 55. Hinodemaru No. 58.
04884	Hall Corp. Shipping Ltd.: Hutchcliffe Hall. Orefax. Stonefax.
05056	Ocean Lines Limited: Gleneagles.
05107	Righteous Navigation Inc.: Righteous.
05908	Kommandit-Selskabet AF 21.11. 1966: Asser Rig.
06083	Tideland Oil Transportation, Inc.: MBL-604. NBC-585. CT-829.
06123	Leon Compania Maritima S.A.: Lacon.
06202	Heiner BR. Seereederei Gesellschaft MS "Hamburger Dom" KG: Hamburger Dom.
06263	Alco Shipping Corp. S.A. of Panama: Notis.
06435	Dampskibsaktieselskabet * Den Norske Afrika- OG Australielinie, Wilhelmsens Damp . . . A/S Tonsberg, A/S Tankfart I, A/S Tankfart IV, A/S Tankfart V, A/S Tankfart VI; Talisman.
06583	Eastern Canada Towing Limited: Foundation Vigilant.
06607	Consolidation Marine Corp.: Regent Marigold. Regent Vanda. Regent Botan.
06709	Ahjin Haewoon Jushik Hoesa: Victory March.
06725	Geest Industries Ltd.: Geestbay.
07770	Drado Shipping Co. Ltd.: Drado.

By the Commission.

FRANCIS C. HURNEY,
Secretary.

[FR Doc.73-6685 Filed 4-5-73;8:45 am]

[No. 72-43]

MILITARY RATES; BID CERTIFICATION

Test Period and Utilization Factors; RFP 800, First Cycle

Criteria for establishing level of military rates not detrimental to commerce

of United States under section 18(b)(5), Shipping Act, 1916.

On November 28, 1972, the Commission promulgated general order 29 which established a minimum standard rate level pursuant to section 18(b)(5) of the Shipping Act, 1916 and prescribed detailed accounting methodologies to be employed by carriers who were required to certify to the Commission that their rates meet the criteria and standards enunciated by the Commission.

In preparing their certifications under RFP 700, second cycle, carriers were required to utilize actual cost experience for the 12-month period ending with the close of the previous RFP cycle, i.e., July 1, 1971 to June 30, 1972. Any adjustments or changes to reported cost data were required to be based upon actual cost changes experienced after the close of the previous RFP cycle and prior to the bid submission date. 46 CFR 549.5(a)(1)(2). This is to advise all carriers subject to general order 29 that the applicable test period and period in which adjustments or changes may be reported for certifying bids tendered under RFP 800, first cycle, will be January 1, 1972 to December 31, 1972, and January 1, 1973 to April 9, 1973, respectively.

In General Order No. 29 the Commission also announced that at least 30 days prior to the bidding date for any future RFP cycle, the Commission would establish a uniform capacity utilization factor for each MSC trade route to be employed by all carriers in that trade in arriving at their cargo unit costs. 46 CFR 549.5(b)(1).

Sea-Land Service, Inc. has petitioned the Commission to reconsider its decision regarding the use of such a factor. On March 21, 1973, the Commission granted the petition and allowed replies to be filed thereto. Under these circumstances the Commission believes that § 549.5(b)(1) of General Order No. 29 (46 CFR 549.5(b)(1)) requiring the use of the factor should be suspended pending reconsideration of the issue. Accordingly, for the purpose of certifying bids in response to RFP 800, First Cycle, each carrier's cargo unit costs should be determined on the basis of the actual number of cargo units carried as provided in § 549.5(b)(2).

By the Commission.

[SEAL] FRANCIS C. HURNEY, *Secretary.*

[FR Doc.73-6684 Filed 4-5-73;8:45 am]

CERTIFICATES OF FINANCIAL RESPONSIBILITY (OIL POLLUTION)

Notice of Certificates Issued

Notice is hereby given that the following vessel owners and/or operators have established evidence of financial responsibility, with respect to the vessels indicated, as required by section 11(p)(1) of the Federal Water Pollution Control Act, as amended, and, accordingly, have been issued Federal Maritime Commission Certificates of Financial Responsibility (Oil Pollution) pursuant to part 542 of title 46 CFR.

Certificate No.	*Owner/Operator and Vessels*
01069	Oglebay Norton Co.: J. H. Hillman, Jr.
01103	Poseidon Schiffahrt Gesellschaft Mit Beschrankter Haftung: Columbus, Canada.
01330	Shell Tankers (U.K.) Ltd.: Paludina.
01641	The Bank Line Ltd.: Meadowbank.
02241	Cape Continent Shipping Co. (PTY) Ltd.: Woermann Sassandra.
02249	Fisser & V. Doornum: Martha Fisser. Bertha Fisser.
02258	Bruusgaard Kiosteruds Skidbsaksjeselskap: Halldis.
02330	Oriental Shipping Corp.: Acclivity Prince.
02510	Viamerito Compania Naviera S.A.: Nausicaa.
02610	Peter Dohle Schiffahrts K.G.: Litania. Isabella. Arosia. Holmia. Carolina. Passat.
02862	Ocean Shipping & Enterprises, Ltd.: Ocean Angin. Ocean Harmonia.
02902	Alamo Chemical Transportation Co.: Alamo 1400. Sun Chem 1700.
02982	The Shipping Corporation of India Ltd.: Adi Jayanti. Vikram Jayanti. Krishna Jayanti. Rama Jayanti. Akbar Jayanti. Bharata Jayanti. Chandragupta Jayanti. Devaraya Jayanti. Gotama Jayanti. Kanishka Jayanti. Shahjehan Jayanti. Bhaskara Jayanti. Chanakya Jayanti. Leelavati Jayanti. Vishva Preyas.
03188	N.V. Zeerederij Holland-Zeeland: Aidan.
03271	Sea-Land Service, Inc.: Sea-Land Commerce. Sea-Land Trade.
03406	Afromar Inc.: Kimolos.
03728	Ocean Drilling & Exploration Co.: Ocean Rover. Ocean 66.
03943	Liberian Faith Transports Inc.: Eastern Mobility.
03954	Liberian Champion Transports Inc.: Eastern Queen.
03999	Hamilton Transport Co. Inc.: Star Lily.
04113	Mon River Towing, Inc.: MRT-110. MRBL-24. GBL-2.
04118	Marine Trading Ltd.: Lago Atitlan.
04230	James Fisher & Sons Ltd.: Vickers Voyager.
04308	Arietta Compania Naviera S.A.: Toxon.
04394	Philippine President Lines, Inc.: Asia Seagull.
04601	American Tunaboat Association: Sea Royal. Captain Joe Medina.
05577	Far-Eastern Shipping Co.: Aidanies. Bratskies. Nikolay Mironov.
05668	Brady-Hamilton Stevedore Co.: SS 9.
05670	Vasco Madrilena de Navegacion S.A.: Valle de Orduna.
05854	Levin Metals Corp.: Maui. DE 409. DE 417. DE 433. DE 363. DE 349. IX SS-313.
06322	Dilmun Navigation Co., Ltd.: Pacific Explorer.
06511	Associated Shipping Corp., Ltd.: Eastern Enterprise.
06599	Philon Special Shipping Societe Anonyme: Tees Ore.
06903	Sun Shipbuilding and Dry Dock Co.: Notre Dame Victory.
06995	Novorossiisk Shipping Co.: Apsheron. Ashkhabad. Belgorod. Bugurusian. Vasily Porik. Vinnitsa. Vladimir. Veliky Oktyabr. Volgodon. General Bocharov. General Zhdanov. General Karbyshev. General Kravtsov. Grigory Achkanov. Grigory Vakulenchuk. Grodno. Grozny. Dmitry Zhloba. Daugavpils. Dzerzhinsk. Druzhba Narodov. Zhdanov. Zhitomir. Ivanovo. Kakhovka. Karl Marks. Komsomol. Kostroma. Kraanovodsk. Leningrad. Leninsk. Mos Shovgenov. Mitrofan Sedin. Marshal Birjuzov. Moskovsky Festival. Nikolai Podvoisky. Oleko Dundich. Ochakov. Pavel Dybenko. Penza. Petr Alekseev. Pobeda Oktyabrya. Nikolay Sipyagin. Rijeka. Rostov. Rovno. Samarkand. Sverdlovsk. Sumy. Stanislav. Tallinn. Uzhgorod. Kherson. Tsezar Kunikov. Cheboksary. Elbrus. Epifan Kovtykh. Rezekne.

Certificate No.	Owner/operator and Vessels
07290	Hollywood Terminials, Inc.: ST 130. ST 133. JDS 126. JDS 128. TTC No. 1. T 2200.
07302	J. M. Johannesens Rederi A/S: Bow Saphir.
07310	Danielle Shipping, Ltd.: Mardina Cooler.
07550	Erato Shipping Inc.: Regent Marigold. Regent Cedar.
07623	Hawaiian Tug and Barge Co., Ltd.: Mikiona. Moi. HTB-5. HTB-7. HTB-9. HTB-10. HTB-11. HTB-14. HTB-16. HTB-18. HTB-25. HTB-27. HTB-29. HTB-33. HTB-35. HTB-36. HTB-37.
07643	Nebula Shipping Ltd.: Walnut.
07645	Seaways Transport Ltd.: Caryanda.
07650	Southwestern Liquid Carriers, S.A.: Moises.
07665	Argolis Shipping Co., S.A.: Angeliki.
07666	Saronis Shipping Co., S.A.: Avax.
07677	Santiren Shipping Ltd.: Chrysovalandou Dyo.
07688	Eurolines Shipping Co., Ltd.: European Link.
07690	Tangi Co., Ltd.: Brettingur.
07717	Mississippi Marine Transport Co.: MM-11. MM-12. MM-13. Dot Miller.
07735	Astromando Compania Naviera S.A.: Garoufalia.
07750	Sameiet M/S "Bolero": Bolero.
07753	Overseas Bulk Transport Inc.: Pacific Importer.
07764	Athos Shipping Inc.: Regal Sun.
07766	Transworld Shipping & Trading Co., Ltd.: Sun Diamond. Trans Sapphire.
07776	Seawind Navigation Co. S.A.: Maria N.
07777	K/S A/S Falckship: Ringfalck.
07778	Sea Drilling Corp.: Seadrill No. 7.
07780	Gerontina Compania Naviera, S.A. Panama: Evgenia I.
07781	Elmo Shipping Co.: World Achilles.
07782	Holden Shipping Co.: World Marine.
07790	Algonquin Shipping Corp., Inc.: Cassiopeia.
07792	Alfios Shipping Co. Ltd., of Athens: Ptolemais.
07794	I/S Stove Campbell: Stove Campbell.
07795	Oriental Ocean Carriers Inc.: Lisa.
07796	Holberg Scheepvaart en Handel MIJ. B.V.: Holberg.
07798	Hvalbakur H/F.: Hvalbakur.
07799	Antonio Gonzalez Concheiro: Conbaroya II.
08801	Judge Oil Transport, Inc.: Peck Slip.

By the Commission.

FRANCIS C. HURNEY,
Secretary.

[FR Doc.73-6655 Filed 4-5-73;8:45 am]

[Docket No. 72-25]

SEA-LAND SERVICE, INC. AND SEATRAIN LINES, INC.

Discriminatory Assessment of Wharfage Charges at Port of Baltimore

Denial of petition for reconsideration, referral of proceeding for full evidentiary hearing and dismissal of Seatrain as respondent.

By order served June 16, 1972, Sea-Land Service, Inc. (Sea-Land) and Seacharge" published by Seatrain in its to show cause why the Commission should not find that their assessment of certain wharfage charges at the Port of Baltimore is in violation of sections 16 First, and 17 of the Shipping Act, 1916, and why the Commission should not order the tariff matter providing for such wharfage charges canceled.

The wharfage charges put at issue by the Commission's order to show cause are a "top wharfage charge" published by Sea-Land in its terminal tariff No. 1-A and its domestic freight tariff No. 158; and a "reception and handling charge" or "delivery and handling charge" published by Seatrain in its homeward freight tariff No. 3. All these charges apply only at the Port of Baltimore and, as indicated by the Commission's order, are "nothing more nor less than wharfage charges— i.e., charges for the privilege of cargo movement across the pier"—which appear "under the attending circumstances" to be unlawful under the Shipping Act, 1916.

A motion to dismiss this proceeding, filed by Sea-Land and joined in by Seatrain, has heretofore been denied by the Commission. Sea-Land has now filed a petition requesting the Commission to reconsider its denial of its motion to dismiss, and, "if the Commission believes that this matter be investigated", refer the proceeding for a full evidentiary hearing.

Sea-Land's request for hearing is grounded on the contention that (1) issues of fact are present and relevant to this proceeding, (2) that these issues are issues requiring proof and evidence of a significant number of facts, (3) that the issues of fact are substantial, and (4) that, accordingly, a show cause proceeding limited to the submission of affidavits is inappropriate under the circumstances.

The issues of fact which Sea-Land raise as being relevant to a decision of the lawfulness of the top wharfage charges put at issue in this proceeding and detailed in its pleading are:

* * * (1) publication of charges for service either as part of the ocean freight rate or separately stated in the tariff; (2) differences in the nature of services, transportation conditions, and charges for rail and truck traffic; (3) remedying differences in charges to rail and truck traffic by increasing charges on rail traffic rather than canceling charges on truck traffic; (4) increasing freight rates to include costs of services provided truck traffic in lieu of separately charging wharfage; (5) whether cancellation of the wharfage charge without a corresponding freight increase is taking of property without due process.

Also before the Commission at this time is a motion, recently filed by hearing counsel, requesting that Seatrain be dismissed from this proceeding. The basis of this motion to dismiss is that Seatrain has canceled its "reception and handling charge" put at issue in this proceeding and that no regulatory purpose would be served by continuing this proceeding as to that respondent.

Having carefully considered the motions now pending before us and the arguments advanced in support thereof, we have decided to (1) dismiss Seatrain as a respondent in this proceeding, and (2) deny reconsideration of our rejection of Sea-Land's motion to dismiss, but refer the proceeding, to the extent it involves alleged violations of the Shipping Act, 1916, by Sea-Land, to the Office of Administrative Law Judges for a full evidentiary hearing.

Since the Seatrain charges which were made the subject of this proceeding are no longer being assessed, we agree with hearing counsel and see no purpose to be served, except perhaps the exaction of our "pound of flesh", by continuing this proceeding as to Seatrain. Accordingly, Seatrain will be dismissed as a respondent in this proceeding.

Since at least one of Sea-Land's "top wharfage charges" remains in effect, the proceeding as to the legality of that charge should continue.[1] Accordingly, Sea-Land's petition for reconsideration of the Commission's denial of its previously filed motion to dismiss is rejected. However, since Sea-Land, in compliance with the procedure set forth in our order to show cause initiating this proceeding, has detailed issues which we feel require an evidentiary hearing for their resolution, the proceeding as to it is referred for a full evidentiary hearing.

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[1] We understand that while Sea-Land has recently canceled the "top wharfage charge" contained in its domestic freight tariff, it has failed to do so with regard to its terminal tariff "top wharfage charge". Both charges were placed under investigation in this proceeding.

Therefore, it is ordered, That Seatrain Lines, Inc. be, and hereby is, dismissed from this proceeding;

It is further ordered, That Sea-Land's petition for reconsideration of the denial of its motion to dismiss this proceeding be, and hereby is, denied;

It is further ordered, That this proceeding, to the extent it involves alleged violations of the Shipping Act, 1916, by Sea-Land, be, and hereby is, referred to the Office of Administrative Law Judges for a full evidentiary hearing consistent with the issues raised in our Order to Show Cause of June 16, 1972;

It is further ordered, That notice of this order be published in the FEDERAL REGISTER and a copy thereof and notice of hearing be served upon respondent;

It is further ordered, That any person, other than respondent, who desires to become a party to this proceeding and to participate therein shall file a petition to intervene with the Secretary, Federal Maritime Commission, Washington, D.C. 20573, promptly with copies to parties; and *Finally, it is ordered*, That all future notices issued by or on behalf of the Commission in this proceeding, including notice of time and place of hearing or prehearing conference, shall be mailed directly to all parties of record.

By the Commission.

[SEAL] FRANCIS C. HURNEY, *Secretary*.

[FR Doc.73-6653 Filed 4-5-73;8:45 am]

COORDINATED CARIBBEAN TRANSPORT, INC., ET AL.

Notice of Agreement Filed

Notice is hereby given that the following agreement has been filed with the Commission for approval pursuant to section 15 of the Shipping Act, 1916, as amended (39 Stat. 733, 75 Stat. 763, 46 U.S.C. 814).

Interested parties may inspect and obtain a copy of the agreement at the Washington office of the Federal Maritime Commission, 1405 I Street NW., room 1015; or may inspect the agreement at the field offices located at New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments on such agreements, including requests for hearing, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C. 20573, on or before April 26, 1973. Any person desiring a hearing on the proposed agreement shall provide a clear and concise statement of the matters upon which they desire to adduce evidence. An allegation of discrimination or unfairness shall be accompanied by a statement describing the discrimination or unfairness with particularity. If a violation of the act or detriment to the commerce of the United States is alleged, the statement shall set forth with particularity the acts and circumstances said to constitute such violation or detriment to commerce.

A copy of any such statement should also be forwarded to the party filing the agreement (as indicated hereinafter) and the statement should indicate that this has been done.

Notice of agreement filed by:

Edwin Longcope, Esquire, Hill, Betts & Nash, One World Trade Center, Suite 5215, New York, N.Y. 10048.

Agreement No. 10045 among Coordinated Caribbean Transport, Inc., Motonaves Florida Line, S.A. and Pan American Mail Line, Inc., common carriers by water operating regular services in the trade between Florida ports and ports in the Republic of Panama and the Republic of Costa Rica, provides for the establishment of a rate agreement whereby the parties will agree on various rates, charges, classifications, practices, and related tariff matters, to be charged or observed by them respectively in the specified trade, but with the reservation of the right by each of them to alter for itself any rate, charge, classification, practice or related tariff matter thus agreed upon or theretofore in force upon first giving the other parties at least forty-eight (48) hours' advance notice thereof.

Dated April 3, 1973.

By order of the Federal Maritime Commission.

FRANCIS C. HURNEY, *Secretary*.

[FR Doc.73-6654 Filed 4-5-73;8:45 am]

FEDERAL POWER COMMISSION

[Project 2710]

BANGOR HYDRO-ELECTRIC CO.

Notice of Application for License for Constructed Major Project

MARCH 29, 1973.

Notice is hereby given pursuant to section 4(e) of the Federal Power Act (16 U.S.C. 791a-825r) that an application for license was filed on August 3, 1970 (supplemented March 22, August 23, and October 12, 1971; April 13, and June 1, 1972) by the Bangor Hydro-Electric Co. (correspondence to: Mr. Earle R. Webster, vice president, Bangor Hydro-Electric Co., 33 State Street, Bangor, Maine 04401), for project No. 2710, known as the Orono Project, located on the Stillwater Branch of the Penobscot River, a navigable waterway of the United States, in the town of Orono and in the city of Old Town, Penobscot County, Maine.

The Orono Project which has an installed capacity of 2,332 kw (400 hp) consists of: (1) A dam comprising (a) a concrete gravity spillway section 320 feet long and 26 feet high, (d) nonoverby 2.4 foot flashboards, (b) an auxiliary concrete gravity spillway section 297 feet long and 15 feet high, (c) a concrete archbuttress intake structure 57 feet long and 26 feet high, (d) non-overflow concrete gravity and concrete archbuttress sections about 500 feet long with an average height of about 16 feet; (2) a 140-acre reservoir which extends upstream about 2.2 miles to applicant's Stillwater dam (Project No. 2712); (3) three penstocks 10 feet in diameter and 836 feet long and provision for an additional 12 foot diameter penstock; (4) three timber slide gates 11 feet wide and 10 feet high; (5) a powerhouse containing four generators with an aggregate capacity of 2,332 kilowatts; (6) a step-up transformer; and (7) all other facilities and interests appurtenant to operation of the project.

Applicant states that the river in the project area is so highly polluted by raw sewage and chemical waste as to render the area unsuitable for recreational purposes. Applicant requests that a recreation plan not be required at this time, but states its intent to cooperate with appropriate governmental agencies in formulating a recreation development plan when the quality of the water in the river has improved to the extent required by State law for such purpose.

Project energy flows into the Applicant's electric system for distribution within the State of Maine.

Any person desiring to be heard or to make protest with reference to said application should on or before May 31, 1973, file with the Federal Power Commission, Washington, D.C. 20426, petitions to intervene or protests in accordance with the requirements of the Commission's rule of practice and procedure (18 CFR 1.8 or 1.10). 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 a proceeding. Persons wishing to become parties to a proceeding or to participate as a party in any hearing therein must file petitions to intervene in accordance with the Commission's rules. The application is on file with the Commission and is available for public inspection.

KENNETH F. PLUMB, *Secretary*.

[FR Doc.73-6667 Filed 4-5-73;8:45 am]

[Docket No. CP73-238]

COLORADO INTERSTATE GAS CO.

Notice of Application

MARCH 28, 1973.

Take notice that on March 16, 1973, Colorado Interstate Gas Co., a division of Colorado Interstate Corp. (Applicant), P.O. Box 1087, Colorado Springs, Colo. 80944, filed in docket No. CP73-238 an application pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity authorizing the construction and operation of certain facilities and an increase in transmission system peak day sales in the 1973-74 heating season, all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Applicant proposes to construct and operate the following facilities:

FORT MORGAN STORAGE FIELD EXPANSION

1. Six storage injection/withdrawal wells.
2. A water-disposal well (an existing observation well is to be converted).

3. Various additional and replacement units within the existing central dehydration plant.
4. A 1,100-horsepower injection compressor unit.
5. Approximately 36.7 miles of 24-inch pipeline loop.

SALES METER STATION ADDITION AND EXPANSIONS

1. A new sales meter station in Adams County, Colo.
2. An additional 16-inch meter run at the existing Mesa Sales Meter Station.
3. Two 4-inch meter runs to replace the 2-inch meter runs at the existing Monument-Palmer Lake Sales Meter Station.

Further, Applicant proposes to raise the maximum inventory of gas in the Fort Morgan Storage Field to 17,500,000 M ft^3 at 14.73 lb/in^2a and the maximum wellhead pressure to 1,945 lb/in^2g. Applicant also requests authority to increase its transmission system peak day sales from the current level of 1,317,591 M ft^3 to 1,387,098 M ft^3 for the 1973–74 heating season in order to meet the firm growth of its customers' residential and commercial markets. Of the total 69,507 M ft^3 per day proposed increase, Applicant states that 51,647 M ft^3 would come from the Fort Morgan Storage Field and 17,860 M ft^3 would come from new supplies to be connected to Applicant's transmission system in the immediate vicinity of Denver, Colo., its major market area.

Applicant estimates the total cost of the proposed facilities to be $6,470,797 of which $6,416,225 is for the expansion of the Fort Morgan Storage Field. Applicant states that no new facilities are associated with the additional 17,860 M ft^3 per day increase attributable to new peak day supplies.

Any person desiring to be heard or to make any protest with reference to said application should on or before April 17, 1973, file with the Federal Power Commission, Washington, D.C. 20426, a petition to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10) 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 petition to intervene in accordance with the Commission's rules.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power 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 on this application if no petition 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 petition 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 Applicant to appear or be represented at the hearing.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6660 Filed 4-5-73;8:45 am]

[Docket No. RP72-134]

EASTERN SHORE NATURAL GAS CO.

Notice of Proposed Changes in Rates and Charges

MARCH 29, 1973.

Take notice that Eastern Shore Natural Gas Co. (Eastern) tendered for filing on March 16, 1973, the following revised sheets to its FPC gas tariff:

Second Revised Sheet No. 3A; Second Revised PGA-1; and Alternate Second Revised Sheet No. 3A; Alternate Second Revised PGA-1.

Eastern states that the above revised tariff sheets are filed to reflect a purchased gas cost increase of either 1.4 cents per Mft^3 or 1.7 cents per Mft^3 in the commodity component of Eastern Shore's CD-1, CD-E, G-1, E-1, I-1, and PS-1 rate schedules. According to Eastern these increases reflect an adjustment filed by Eastern Shore's sole supplier, Transcontinental Gas Pipe Line Corp. (Transco), in RP73-3. The Transco adjustment was submitted in alternative form, requesting Commission authority for a commodity charge increase of 1.4 cents per Mft^3 or 1.7 cents per Mft^3. Eastern thus states that if the Transco increase of 1.4 cents per Mft^3 is accepted by the Commission the attached "alternate" tariff sheets should be considered as withdrawn and conversely if the Transco increase of 1.7 cents per Mft^3 is accepted by the Commission the attached "Second Revised Sheet No. 3A" and "Second Revised PGA-1" should be considered as withdrawn. Eastern requests waiver of the notice requirements of § 154.22 to the extent necessary to permit the tariff sheets submitted herewith to become effective as of April 1, 1973. Eastern further states that a copy of this filing has been mailed to each of the purchasers and State commissions shown on the attached list.

Any person desiring to be heard or to protest said application should file a petition to intervene or protest with the Federal Power Commission, 441 G Street NW., Washington, D.C. 20426, in accordance with §§ 1.8 and 1.10 of the Commission's rules of practice and procedure (18 CFR 1.8, 1.10). All such petitions or protests should be filed on or before April 13, 1973. 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 petition to intervene. Copies of this application are on file with the Commission and are available for public inspection.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6668 Filed 4-5-73;8:45 am]

[Docket No. RP72-134]

EASTERN SHORE NATURAL GAS CO.

Notice of Proposed Change in Rates

MARCH 29, 1973.

Take notice that on March 16, 1973, Eastern Shore Natural Gas Co. (Eastern Shore), tendered for filing changes in its FPC Gas Tariff, Original Volume No. 1.[1] The filing made pursuant to section 20 of its Tariff's General Terms and Conditions is stated to reflect rate increases filed by its sole supplier, Transcontinental Gas Pipe Line Corp., on February 13, 1973, in docket No. RP73-3. The Transco filing provided for an increase in commodity charge of 1.7 cents per Mft^3 or in the alternative, 1.4 cents per Mft^3. Eastern Shore also tendered alternative filings to track said increases. Eastern Shore requests the Commission accept those sheets in its filing which track the increases reflected in the tariff sheets filed by Transco and are permitted by the Commission to become effective. The increase in jurisdictional revenues resulting from application of the 1.4 cents per Mft^3 is stated to be $49,036 per annum based on 12 months operations ended December 31, 1972. The increase in such revenues should the 1.7 cents per Mft^3 increase be permitted to be effective is stated to be $59,543. The company requests waiver of the regulations to permit the revised tariff sheets to become effective as of April 1, 1973.

Copies of the filing were served upon Eastern Shore's customers and interested State commissions.

Any person desiring to be heard or to protest said application should file a petition to intervene or protest with the Federal Power Commission, 441 G Street NW., Washington, D.C. 20426, in accordance with §§ 1.8 and 1.10 of the Commission's rules of practice and procedure (18 CFR 1.8, 1.10). All such petitions or protests should be filed on or before April 6, 1973. 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 petition to intervene. Copies of this application are on file with the Commission and are available for public inspection.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6669 Filed 4-5-73;8:45 am]

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[1] Second Revised Sheet No. 3A, Second Revised PGA-1 and Alternate Second Revised Sheet No. 3A and Alternate Second Revised Sheet PGA-1.

[Docket No. RP72-140]

GREAT LAKES GAS TRANSMISSION CO.

Notice of PGA Filing

MARCH 29, 1973.

Take notice that on March 16, 1973, Great Lakes Gas Transmission Co. (Great Lakes), tendered for filing its "Fourth Revised Sheet No. 57 (Third Revised PGA-1)" to its "FPC Gas Tariff, First Revised Volume No. 1."

Great Lakes requests an effective date of May 1, 1973, with respect to Fourth Revised Sheet No. 57 so as to be in conformity with the 45-day notice requirement provided in its tariff and prescribed by Commission Order Nos. 452 and 452-A.

In support of Fourth Revised Sheet No. 57, Great Lakes states it transmitted therewith as exhibit A the detail of the computation of the purchased gas cost adjustment to be effective commencing May 1, 1973, together with exhibits B and C which are copies of letters of notification, and supporting attachments, received by Great Lakes from its sole supplier of natural gas, TransCanada PipeLines Ltd., regarding escalations in the cost of gas purchased by Great Lakes under the Gas Purchase Contracts dated October 9, 1970 (Contract No. 2) and June 11, 1971 (Contract No. 3), respectively. In addition there is transmitted as exhibit D the detail of the computation of the purchased gas cost surcharge also to be effective commencing May 1, 1973. The purchased gas cost surcharge results from maintaining an unrecovered purchased gas cost account from August 14, 1972, through February 28, 1973.

Great Lakes maintains that copies of this letter, together with the enclosed tariff sheet and other attachments, are being served on all of Great Lakes' customers and the Public Service Commissions of Michigan and Wisconsin.

Any person desiring to be heard or to protest said application should file a petition to intervene or protest with the Federal Power Commission, 441 G Street NW., Washington, D.C. 20426, in accordance with §§ 1.8 and 1.10 of the Commission's rules of practice and procedure (18 CFR 1.8, 1.10). All such petitions or protests should be filed on or before April 13, 1973. 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 petition to intervene. Copies of this application are on file with the Commission and are available for public inspection.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6671 Filed 4-5-73;8:45 am]

[Docket No. CP73-248]

LONE STAR GAS CO.

Notice of Application

MARCH 29, 1973.

Take notice that on March 26, 1973, Lone Star Gas Co. (Applicant), 301 South Harwood Street, Dallas, Tex. 75201, filed in docket No. CP73-248 an application pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity authorizing the construction and operation of 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.

Applicant proposes to construct and operate two parallel 4-inch pipelines, each approximately 700 feet long, to transport gas from Applicant's Line TCA to its Wallville Processing Plant in Oklahoma for the removal of liquid and liquefiable hydrocarbons from the gas stream in Line TCA, following which the residue gas would be returned to said line for further transportation in said facility. The proposed lines will be designated as Line TCA-1, inlet, and Line TCA-2, outlet.

Applicant states that the Btu content will be reduced to about 1,075 after processing, thereby providing a more uniform heating value and eliminating the possibility of undesirable fluctuations in the heating content of the gas stream. Further, Applicant states that the pipeline efficiency will be improved by the elimination of liquids in the line.

The application shows the total estimated cost of the proposed facilities to be $5,500, which cost, Applicant states, will be financed from working capital.

Any person desiring to be heard or to make any protest with reference to said application should on or before April 23, 1973, file with the Federal Power Commission, Washington, D.C. 20426, a petition to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10) 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 petition to intervene in accordance with the Commission's rules.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power 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 on this application if no petition 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 petition 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 Applicant to appear or be represented at the hearing.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6672 Filed 4-5-73;8:45 am]

[Dockets Nos. G-11951, G-12086]

MOBIL OIL CORP.

Notice of Petitions To Amend

MARCH 29, 1973.

Take notice that on March 21, 1973, Mobil Oil Corp. (Petitioner), 800 Three Greenway Plaza East, Houston, Tex. 77046, filed in Dockets Nos. G-11951 and G-12086 petitions to amend the orders issuing certificates of public convenience and necessity in said dockets pursuant to section 7(c) of the Natural Gas Act by authorizing Petitioner to continue sales for resale of natural gas in interstate commerce under replacement contracts to Tennessee Gas Pipeline Co., a division of Tenneco Inc., from the North Government Wells Field, Duval County, Tex., and the Heyser Field, Victoria County, Tex., respectively, all as more fully set forth in the petitions to amend which are on file with the Commission and open to public inspection.

Petitioner proposes to sell gas at 24 cents per M ft^3 at lb/in^2a; subject to upward and downward Btu adjustment, although the contracts provide for a rate of 30 cents per M ft^3.

Any person desiring to be heard or to make any protest with reference to said petitions to amend should on or before April 20, 1973, file with the Federal Power Commission, Washington, D.C. 20426, a petition to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10). 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 petition to intervene in accordance with the Commission's rules.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6664 Filed 4-5-73;8:45 am]

[Docket Nos. CP72-284, etc.]

NORTHERN NATURAL GAS CO. ET AL.

Order Consolidating Proceedings, Granting Interventions, Ordering the Filing of Evidence, and Setting Hearing Date

MARCH 29, 1973.

Northern Natural Gas Co., Docket No. CP72-284 (Phase II); St. Croix Valley Natural Gas Co., Inc., Docket No. CP72-215; Wisconsin Power & Light Co., Docket No. CP73-178; Lloyd V. Crum, Jr., Docket No. CP71-321.

On June 13, 1972, Northern Natural Gas Co. (Northern) filed in Docket No. CP72-284 an application pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity authorizing Northern to construct and operate certain facilities and to render a new winter service to existing customers (Seasonal Service Demand). The service is based on the introduction into Northern's transmission system at Carlton, Minnesota, of gas purchased by Northern from certain producers in Montana.[1] An approximate average of 108,500 M ft³ per day[2] of natural gas was available to Northern's system from this new source of supply and service was initiated beginning in 1972.[3]

This new service is being made available to any gas utility purchasing contract demand from Northern under its CD or PL FPC Gas Rate Schedules and which elects to purchase volumes of Seasonal Service Demand under Northern's proposed FPC Gas Rate Schedule SS-1 and has executed a service agreement for the period November 27 through March 26 of each heating season for a term of 10 years.

On March 2, 1972, St. Croix Valley Natural Gas Co., Inc. (St. Croix) filed in Docket No. CP72-215 an application pursuant to section 7(a) of the Natural Gas Act for an order of the Commission directing Northern to sell and deliver an additional 750 M ft³ of natural gas per day to St. Croix. On July 17, 1972, St. Croix filed a petition in support of Northern's application in the instant docket and for an order consolidating St. Croix's application in Docket No. CP72-215 with said instant application. St. Croix does not wish to change or revise any of the volumes of Seasonal Service Demand proposed in this instant docket, including 136 M ft³ daily of Seasonal Service Demand for St. Croix. St. Croix seeks only to obtain a small portion of the unallocated volume of Northern's Montana gas to satisfy St. Croix's requirements for firm gas, in addition to its presently certificated contract demand and the proposed allocation of Seasonal Service Demand.

By order issued November 3, 1972, the Commission rendered its decision in phase I of Docket No. CP72-284, granting a certificate of public convenience and necessity authorizing Northern to construct and operate the proposed facilities and to sell and deliver natural gas as described in the subject application, and further ordered that phase II of Docket No. CP72-284 dealing with St. Croix's request, be held in abeyance pending further order of the Commission.

In the present order the Commission turns its attention to phase II of Docket No. CP 72-284 and the St. Croix application. In addition to St. Croix, two additional parties, Wisconsin Power and Light Co. in Docket No. CP73-178 and Lloyd V. Crum, Jr., in Docket No. CP71-321, covet a portion of the unallocated volume of 2,208 M ft³ per day.

St. Croix's application in Docket No. CP72-215 was filed on March 2, 1972, and published in the FEDERAL REGISTER on March 16, 1972 (37 FR 5534).

On January 2, 1973, Wisconsin Power and Light Co. filed in Docket No. CP73-178 an application pursuant to section 7(a) of the act for 1,459.5 M ft³ per day of the unallocated 2,208 M ft³ per day. This application was published in the FEDERAL REGISTER on January 30, 1973 (38 FR 2791).

On February 7, 1973, Lloyd V. Crum, Jr. (Crum) Racine, Minn. 55967, filed in Docket No. CP71-321 a petition to amend the order of the Commission issued in said docket on December 16, 1971 (46 FPC 133), pursuant to section 7(a) of the Natural Gas Act by directing Northern Natural Gas Co. to sell and deliver to him a permanent contract demand to 233 M ft³ of natural gas per day in addition to the 350 M ft³ per day contract demand presently being rendered Northern's Rate Schedule CD-3.

Crum states that at the time the Commission directed Northern to deliver an additional firm volume of 300 M ft³ per day pursuant to Northern's Rate Schedule CD-1 commencing December 16, 1971, and terminating April 27, 1973, it was not foreseen that he would be purchasing an additional 67 M ft³ per day under Northern's SS-1 Rate Schedule. In view of the fact that this purchase under Rate Schedule SS-1 was unforeseen and that the Commission's order in this docket will expire April 27, 1973, Crum requests that the present 300 M ft³ per day contract demand be reduced by 67 M ft³ per day providing 233 M ft³ per day permanent contract demand pursuant to Respondent's Rate Schedule CD-1.

A list of timely intervenors may be found in the Commission's order of November 3, 1972, in Docket No. CP72-284. In view of the consolidated proceedings ordered herein, all such intervenors will be deemed intervenors in the consolidated proceedings. Additionally, the following parties have filed to intervene in one or more of the consolidated dockets:

Terra Chemicals International, Inc.
Farmland Industries, Inc.
Superior Water, Light and Power Co.

The Commission finds:

(1) The filing styled, Notice of Petition to Amend in Docket No. CP71-321, is in substance an application for new gas.

(2) The application in Dockets Nos. CP72-284 (Phase II), CP72-215, CP73-178, and CP71-321 are interdependent and should be consolidated.

(3) It is desirable and in the public interest to allow all of the above-named petitioners and those named in the Commission's order of November 3, 1972, to intervene in order that they may establish the facts and the law from which the nature and validity of their alleged rights and interests may be determined and show what further action may be appropriate under the circumstances in the administration of the Natural Gas Act.

The Commission orders:

(A) That the petition of Lloyd V. Crum, Jr., filed in docket No. CP71-321 be processed as an application for new gas.

(B) The applications of St. Croix Valley Natural Gas, Wisconsin Power and Light Co., and Lloyd V. Crum, Jr., filed in dockets Nos. CP72-215, CP73-178, and CP71-321 are hereby respectively consolidated with the application in docket No. CP72-284 (Phase II).

(C) The above-named petitioners as well as those named in the Commission's order of November 3, 1972, are hereby permitted to intervene in these proceedings subject to the rules and regulations of the Commission: *Provided, however,* That the participation of such intervenors shall be limited to matters affecting asserted rights and interests as specifically set forth in said petition for leave to intervene; and *Provided, further,* That the admission of such intervenors shall not be construed as recognition by the Commission that they might be aggrieved because of any order or orders of the Commission entered in this proceeding.

(D) Northern Natural Gas Co.; St. Croix Valley Natural Gas Co., Inc.; Wisconsin Power & Light Co., Lloyd V. Crum, Jr., and all supporting intervenors shall file testimony and exhibits comprising their cases-in-chief, including end-use data, on or before April 9, 1973.

(E) Pursuant to § 2.64(c) of the Commission's rules of practice and procedure, the applicants shall serve copies of their filings upon all intervenors promptly, unless such service has already been effected pursuant to part 157 of the regulations of the Natural Gas Act.

(F) Pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power 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 in a hearing room of the Federal Power Commission, Washington, D.C. 20426 on April 25, 1973, concerning the matters involved in and the issues presented by these consolidated applications.

By the Commission.

[SEAL] KENNETH F. PLUMB, *Secretary.*

[FR Doc.73-6663 Filed 4-5-73;8:45 am]

[Docket No. E-7941]

PENNSYLVANIA ELECTRIC CO.

Notice of Proposed Changes in Rates and Charges

MARCH 29, 1973.

Take notice that Pennsylvania Electric Co. (Penelec) on February 26, 1973, tendered for filing revised supplemental schedules to the 115 kV, 138 kV, and 230

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[1] See the Commission's Opinion No. 618 and accompanying Order issued May 11, 1972, in Docket Nos. CP70-9, et al. 47 FPC ——.

[2] Of this volume 2,208 M ft³ per day remains unallocated.

[3] See the Commission's Order dated November 3, 1972, in Docket No. CP72-284 (Phase I).

kV Interconnection Facilities Agreement, dated June 30, 1968, among Penelec (Rate Schedule FPC No. 60), Metropolitan Edison Co. (Rate Schedule FPC No. 39), West Penn Power Co. (Rate Schedule FPC No. 26), The Potomac Edison Co. of Pennsylvania (Rate Schedule FPC No. 13) and The Potomac Edison Co. (Rate Schedule FPC No. 31). Penelec states that the supplemental schedule 7 revisions are furnished in reply to a Federal Power Commission letter dated February 16, 1973. According to Penelec revisions 2, 3, 4, and 4A, which were not previously furnished to the Commission, reflect only changes in payments to be made by West Penn to Penelec as a result of accrued depriciation and application of actual original cost investment.

Any person desiring to be heard or to protest said application should file a petition to intervene or protest with the Federal Power Commission, 441 G Street NW., Washington, D.C. 20426, in accordance with §§ 1.8 and 1.10 of the Commission's rules of practice and procedure (18 CFR 1.8, 1.10). All such petitions or protests should be filed on or before April 17, 1973. 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 petition to intervene. Copies of this application are on file with the Commission and are available for public inspection.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6670 Filed 4-5-73;8:45 am]

[Docket No. E-8081]

PUBLIC SERVICE COMPANY OF OKLAHOMA

Notice of Proposed Changes in Rates and Charges

MARCH 26, 1973.

Take notice that Public Service Co. of Oklahoma (PSC) on March 16, 1973, tendered for filing a Letter Agreement dated January 31, 1973, a Supplement to Rate Schedule FPC No. 180, with the Associated Electric Cooperative, Inc. PSC states that the Letter Agreement provides for the sale by PSC of 50 MW of capacity from its Southwestern Station Unit No. 3 to the Associated Electric Cooperative, Inc. for the 12 month period beginning March 1, 1973, and ending February 28, 1974. PSC states that the terms, conditions and rates in this agreement are based upon similar terms in PSC Supplement No. 6 to Rate Schedule FPC No. 161 except that this agreement provides for delivery to be interrupted during June, July, and August should PSC be unable to deliver the capacity. PSC requests the Commission to waive the 30-day filing requirement in accordance with § 35.11 and consent to a retroactive effective date of this transaction of March 1, 1973. PSC also states that total revenue under the Letter Agreement will amount to $2,045,195.

Any person desiring to be heard or to protest said application should file a petition to intervene or protest with the Federal Power Commission, 441 G Street NW., Washington, D.C. 20426, in accordance with §§ 1.8 and 1.10 of the Commission's rules of practice and procedure (18 CFR 1.8, 1.10). All such petitions or protests should be filed on or before April 12, 1973. 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 petition to intervene. Copies of this application are on file with the Commission and are available for public inspection.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6662 Filed 4-5-73;8:45 am]

[Docket No. E-7706, etc.]

SIERRA PACIFIC POWER CO.

Notice of Proposed Changes in Rates and Charges

MARCH 29, 1973.

Take notice that Sierra Pacific Power Co. (Sierra) on March 15, 1973, tendered for filing certain revised tariff sheets to its FPC Electric Tariff, Original Volume No. 1 to become effective April 28, 1973. The revised tariff sheets contain proposed changes in rates and charges which would increase annual revenues. The filing states that the proposed tariff sheets are submitted pursuant to paragraph 2 of article I of the "Stipulation of Facts and Statement of Reserved Issues for Briefing and Decision" received in the record in dockets Nos. E-7706, E-7750, E-8092.[1]

Sierra's filing does not indicate the amount of the annual revenue increase and does not contain cost of service data and material in support of the increased rates. Sierra requests that the rate increase be permitted to become effective on April 28, 1973, in order to reflect the increased purchased power costs from its supplier Pacific Gas & Electric Co. (PG&E), in docket No. E-7777, and if the Commission prescribes an effective date for the PG&E rate increase other than April 28, 1973, Sierra requests that its tariff sheets become effective simultaneously with PG&E's rate increase.

Copies of the increased rate filing have been served upon all jurisdictional customers and upon interested State commissions.

Any person desiring to be heard or to protest said application should file such protest, or if not previously granted intervention in dockets Nos. E-7706, et al., file a petition to intervene with the Federal Power Commission, Washington, D.C. 20426, in accordance with §§ 1.8 and 1.10 of the Commission's rules of practice and procedure (18 CFR 1.8, 1.10). All such petitions or protests should be filed on or before April 12, 1973. 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 petition to intervene. Copies of this application are on file with the Commission and are available for public inspection.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6665 Filed 4-5-73;8:45 am]

[1] Docket No. E-8092 has not been consolidated with Dockets Nos. E-7706, et al.

[Docket No. CI73-145]

UNION TEXAS PETROLEUM

Notice of Petition To Amend

MARCH 29, 1973.

Take notice that on March 22, 1973, Union Texas Petroleum, a division of Allied Chemical Corp. (Petitioner), P.O. Box 2120, Houston, Tex. 77001, filed in docket No. CI73-145 a petition to amend the order issuing a certificate of public convenience and necessity in said docket pursuant to section 7(c) of the Natural Gas Act by authorizing the sale for resale in interstate commerce of natural gas to Lone Star Gas Co. (Lone Star) in Grayson County, Tex., purchased by Petitioner under percentage-type contracts from acreage newly dedicated to Petitioner, all as more fully set forth in the petition to amend which is on file with the Commission and open to public inspection.

By order issued March 8, 1973, in docket No. G-17911, et al., the Commission issued a certificate of public convenience and necessity to Petitioner authorizing the sale for resale of natural gas in interstate commerce under Petitioner's FPC gas rate schedule No. 109 to Lone Star from production from previously dedicated acreage or previously dedicated acreage from which sales have been permitted to be abandoned. Petitioner requests that said order be amended by also authorizing sales from newly dedicated acreage.

Any person desiring to be heard or to make any protest with reference to said petition to amend should on or before April 23, 1973, file with the Federal Power Commission, Washington, D.C. 20426, a petition to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10). 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 petition to intervene in accordance with the Commission's rules.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6666 Filed 4-5-73;8:45 am]

[Docket No. E-8008]

FLORIDA POWER & LIGHT CO.

Order Accepting for Filing and Suspending Proposed Tariff Sheets

MARCH 29, 1973.

On January 29, 1973, Florida Power & Light Co. (FPL) tendered for filing copies of its proposed FPC electric tariff original volume No. 1. The proposed rate increase, which covers service to two municipals [1] and seven cooperatives,[2] will provide the company with estimated increased revenues of $4,336,460.

As part of its filing FPL also included general terms and conditions for wholesale electric power service to those customers and a new form of service agreement and attachment thereto.

The company states that it seeks to establish uniformity of terms and conditions of service and provide a tariff form of filing in lieu of the present individual contract type filings. FPL also stated that the present contracts do not have uniform termination provisions, i.e., the contracts with two cooperative customers terminated during 1972,[3] and the remaining contracts are due to terminate at various dates in 1973 and 1974, as indicated in appendix A set forth below: The company proposes that the changes be made effective April 1, 1973, for the two cooperative customers whose contracts have terminated, and that the changes for the remaining cooperative and municipal customers become effective upon expiration of their respective existing contracts. In addition, FPL stated that new contracts will be executed upon termination of existing canceled contracts. FPL said that all contracts executed in the future would conform to the tariff in all respects; however, as noted above, service would continue to be furnished under the existing rate schedule and rules and regulations until the termination date of said contracts and execution of new contracts.

Notice of the proposed increase was issued on February 12, 1973, with petitions to intervene and protests due February 26, 1973. A timely protest was filed on February 26, 1973, by the Utilities Commission of New Smyrna Beach. A timely protest and petition to intervene was filed on February 23, 1973, by six cooperative customers.[4]

The petitioners request that the Commission reject the tariffs as they apply to Clay, Lee County, and Peace River, because the contracts covering service to those petitioners will not expire until some time in the future. Petitioners state that the contracts covering service to Clay and Lee County are identical in providing that each contract could have expired on August 25, 1972. Petitioners claim, however, that these contracts contain a clause providing that if either party is to terminate the contract, the terminating party must notify the other not more than 90 nor less than 30 days before the date of termination. Clay and Lee County said that they received notices from FPL dated July 25, 1972, of termination on July 27, 1972. These two petitioners argue that FPL did not give them timely written notice of termination by failing to comply with the 30-day clause and thereby the contract would continue in effect for 1 year.

On March 9, 1973, FPL filed an answer to the petitioners' motion wherein it argued that the mailing of the notice on July 25, 1972, constituted timely notice. Our review of FPL's proposed increase indicates that suspension of the effectiveness of those rates until September 1, 1973, the full statutory 5-month period, is warranted. Therefore, we need not decide whether timely notice was given since the rates proposed to Clay and Lee County may not become effective until September 1, 1973. Accordingly, we will accept the proposed tariff sheets for filing provided FPL serves timely notice of termination on Clay and Lee County and will deny the motion to reject as it pertains to Clay and Lee County.

With respect to Peace River,[5] petitioners argue that the Peace River contract is dated September 18, 1951, and was amended on December 10, 1964, to provide that it would extend for 8 years from December 31, 1964, and shall further extend for 1-year periods unless one party gives written notice of termination not less than 6 months before the termination date. Petitioners say that Peace River also received a notice of termination from FPL dated July 25, 1972. Therefore such a notice, under the terms of the Peace River contract, as amended, cannot effect a termination until December 31, 1973. FPL in its answer to the motion to reject acknowledged that the Peace River contract as amended does not terminate until December 31, 1973. Since the amended contract between FPL and Peace River will not expire until December 31, 1973, with respect to Peace River we will deny the motion to reject and accept the proposed increase for filing.

So that the Commission will have full, complete, and current record on all the issues presented, we would point out our caveat on page 7 of opinion No. 641, Duke Power Co. E-7557, that whereas in this case a 1971 calendar year test period is utilized, "* * * our filing requirements are not to be construed as a limitation on evidence which may be proffered as an aid to us in determining just and reasonable rates. All evidentiary material relevant to a fair determination of cost and revenue expectations may be appropriately presented in filings before us." Accordingly, we shall require FPL to file a complete 1972 cost of service presentation.

The Commission finds:

(1) The FPC electric tariff original volume No. 1 of FPL should be accepted for filing in the manner hereinafter ordered and provided.

(2) The proposed increased rate and charges have not been shown to be justified and may be unjust, unreasonable, unduly discriminatory, preferential, or otherwise unlawful.

(3) It is necessary and proper in the public interest and to aid in the enforcement of the provisions of the Federal Power Act that the Commission enter upon a hearing concerning the lawfulness of the rates and charges contained in FPL's Electric Tariff Original Volume No. 1, and that the tendered rate schedule be suspended as hereinafter provided.

(4) The disposition of this proceeding should be expedited in accordance with the procedure set forth below.

(5) In the event this proceeding is not concluded prior to the termination of the suspension period herein ordered, the placing of the tariff changes applied for in this proceeding into effect, subject to refund with interest while pending Commission determination as to their justness and reasonableness, is consistent with the purpose of the Economic Stabilization Act of 1970, as amended.

(6) Participation of the petitioners may be in the public interest.

(7) The petition to reject by Clay, Lee County, and Peace River should be denied.

The Commission orders:

(A) FPL's FPC Electric Tariff Original Volume No. 1 is accepted for filing and its effectiveness suspended until September 1, 1973; with respect to Clay and Lee County this acceptance is conditioned on FPL filing timely notice with Clay and Lee County of intent to terminate the contract; with respect to Peace River the proposed increase may not be made effective until December 31, 1973; and with respect to FPL's other wholesale customers, Florida Keys, Glades, Okefenoke, New Smyrna Beach, Suwannee Valley, and Homestead, Fla., the filing may become effective only on the respective dates their contracts terminate as set forth in appendix A.

(B) The motion to reject by Clay, Lee County, and Peace River is denied for the reasons heretofore stated.

(C) Pursuant to the authority of the Federal Power Act, including sections 205, 206, 308, and 309 thereof, the Commission's rules of practice and procedure, and the regulations under the Federal Power Act, a public hearing shall be held commencing with a prehearing conference on August 14, 1973, at 10, e.d.t., in a hearing room of the Federal Power Commission, Washington, D.C. 20426, concerning the lawfulness of the rate increase as set forth above.

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[1] New Smyrna Beach and Homestead, Fla.

[2] Clay Electric Cooperative, Inc. (Clay), Glades Electric Cooperative, Inc. (Glades), Lee County Electric Cooperative, Inc. (Lee County), Okefenokee Rural Electric Membership Corp. (Okefenokee), Peace River Electric Cooperative, Inc. (Peace River), and Suwannee Valley Electric Cooperative, Inc. (Suwannee Valley), and Florida Keys Electric Cooperative, Inc. (Florida Keys).

[3] Clay and Lee County.

[4] Clay, Glades, Lee County, Okefenokee, Peace River, and Suwannee Valley.

[5] The petitioners' petition with regard to Peace River erroneously refers to the "Lee County" contract instead of the "Peace River" contract.

(D) On or before May 1, 1973, FPL shall serve a complete 1972 cost of service presentation on all parties. On or before August 3, 1973, the Commission staff shall serve its prepared testimony and exhibits. The prepared testimony and exhibits of any or all intervenors shall be served on or before August 24, 1973. Any rebuttal evidence by FPL shall be served on or before September 7, 1973. Cross-examination on the evidence filed will commence on September 18, 1973.

(E) Appropriate service agreements should be filed for each customer listed in footnotes 1 and 2 supra.

(F) The updated cost of service shall include testimony concerning the manner in which FPL proposes to conform its fuel clause to § 35.14 of the regulations and the Commission's decision in the New England Power Co. fuel clause proceeding (opinion No. 633 in docket No. E-7541).

(G) FPL is hereby ordered to submit a revised rate schedule eliminating the commodity adjustment clause.

(H) A Presiding Administrative Law Judge to be designated by the Chief Administrative Law Judge for that purpose (See Delegation of Authority, 18 CFR 3.5 (d)), shall preside at the hearing in this proceeding, and shall prescribe relevant procedural matters not herein provided, and shall control the proceeding in accordance with the policies expressed in the Commission's rules of practice and procedure.

(I) The parties named above are hereby permitted to intervene in this proceeding, subject to the rules and regulations of the Commission: *Provided, however*, That the participation of such intervenors shall be limited to matters affecting the rights and interests specifically set forth in the respective petitions to intervene; and *Provided, further*, That the admission of such intervenors shall not be construed as recognition that they or any of them might be aggrieved because of any order or orders issued by the Commission in this proceeding.

(J) As to the fixed rate contracts which expire in the future at least 30 but no more than 90 days prior to their expiration FPL shall file with the Commission executed or unexecuted service agreements and amendment of the index of purchasers under its tariff, which filing will constitute notice of termination of the contract and conversion to the tariff.

(K) The Secretary shall cause prompt publication of this order in the FEDERAL REGISTER.

By the Commission.

[SEAL] KENNETH F. PLUMB, *Secretary.*

[FR Doc.73-6661 Filed 4-5-73;8:45 am]

APPENDIX A

INDEX OF PURCHASERS

Name	Rate schedule FPC No.	Termination date
New Smyrna Beach, City of	8	July 14, 1973
Homestead, City of	9	Aug. 7, 1973
Florida Keys	11	Jan. 1, 1974
Glades	12	Oct. 13, 1973
Skelenoke	14	
O(Macclenny)		July 18, 1973
(Yulee)		June 24, 1973
(Callahan)		Apr. 2, 1973
Suwannee River	16	Jan. 1, 1974

NATIONAL GAS SURVEY; TRANSMISSION-TECHNICAL ADVISORY TASK FORCE-OPERATIONS

Agenda and Notice of Meeting

Meeting to be held in conference room 2043 of the Federal Power Commission, 441 G Street NW., Washington, D.C., April 19, 1973—9 a.m.

Presiding: Mr. Thos. H. Jenkins (acting) FPC survey coordinating representative and Secretary.

1. Meeting call to order—Mr. Jenkins.

2. Objectives and purposes of meeting—

A. Review of recent developments of the Transmission-Technical Advisory Task Force-Operations—Mr. O. C. Davis, director.

B. Review and discussion of Phase I draft of final report of Transmission-Technical Advisory Task Force-Operations—Mr. R. R. MacNicholas, deputy director.

C. Review and discussion of Phase II draft of final report of Transmission—Technical Advisory Task Force—Operations—Mr. MacNicholas.

D. Status of assigned work and estimated date for completion—Mr. MacNicholas.

E. Discussion of environmental aspects concerning the work of the transmission—Technical Advisory Task Force—Operations—Mr. MacNicholas.

F. Other business and next meeting date.

3. Adjournment—Mr. Jenkins.

This meeting is open to the public. Any interested person may attend, appear before, or file statements with the task force—which statements, if in written form, may be filed before or after the meeting, or if oral, at the time and in the manner permitted by the task force.

KENNETH F. PLUMB, *Secretary.*

[FR Doc.73-6675 Filed 4-5-73;8:45 am]

NATIONAL GAS SURVEY; TRANSMISSION-TECHNICAL ADVISORY TASK FORCE—REGULATION AND LEGISLATION

Agenda and Notice of Meeting

Meeting to be held in conference room 2043 of the Federal Power Commission, 441 G Street NW., Washington, D.C., April 18, 1973—9 a.m.

Presiding: Mr. Thos. H. Jenkins (Acting), FPC survey coordinating representative and secretary.

1. Meeting call to order—Mr. Jenkins.

2. Objectives and purposes of meeting—

A. Review of recent developments of the Transmission-Technical Advisory Task Force—regulation and legislation—Dr. George F. Kirby, director.

B. Review of final draft report of Transmission-Technical Advisory Task Force—regulation and legislation—Dr. Kirby.

C. Status of assigned work and estimated date for completion—Mr. Jack D. Head, deputy director.

D. Discussion of environmental aspects concerning the work of the Transmission-Technical Advisory Task Force—regulation and legislation—Mr. Head.

E. Other business and next meeting date.

3. Adjournment—Mr. Jenkins.

This meeting is open to the public. Any interested person may attend, appear before, or file statements with the task force—which statements, if in written form, may be filed before or after the meeting, or if oral, at the time and in the manner permitted by the task force.

KENNETH F. PLUMB, *Secretary.*

[FR Doc.73-6674 Filed 4-5-73;8:45 am]

NATIONAL POWER SURVEY; TECHNICAL ADVISORY COMMITTEE ON POWER SUPPLY

Agenda and Notice of Meeting

Meeting to be held at the Federal Power Commission Offices, 441 G Street NW., Washington, D.C., 9:30 a.m., April 10, 1973, room 2043.

1. Meeting opened by FPC Coordinating Representative.

2. Objectives and purposes of meeting:

a. Correction and additions to minutes of previous meeting.
b. Progress report by chairman of task force on forecast review.
c. Discuss report on identification of factors in the delay of capacity which create potential power shortages.
d. Discuss structure and time frame of the committee's report.
e. Other business.
f. Set date for next meeting.

3. Adjournment.

This meeting is open to the public. Any interested person may attend, appear before, or file statements with the committee—which statements, if in written form, may be filed before or after the meeting, or, if oral, at the time and in the manner permitted by the committee.

KENNETH F. PLUMB, *Secretary.*

[FR Doc.73-6676 Filed 4-5-73;8:45 am]

NATIONAL POWER SURVEY; TECHNICAL ADVISORY COMMITTEE ON RESEARCH AND DEVELOPMENT; TASK FORCE ON ENERGY CONVERSION RESEARCH

Agenda and Notice of Meeting

Meeting to be held at the Federal Power Commission offices, 441 G Street

NW., Washington, D.C., 1 p.m., April 11, 1973, room 2043.

1. Meeting called to order by FPC coordinating representative.
2. Approval of minutes of previous meeting.
3. Objectives and purposes of meeting.

A. Discussion and review of the progress on evaluation of the various technologies.
B. Discussion of preparation and presentation of task force recommendations.
C. Other business.
D. Dates for future meetings.

4. Adjournment.

This meeting is open to the public. Any interested person may attend, appear before, or file statements with the committee—which statements, if in written form, may be filed before or after the meeting, or, if oral, at the time and in the manner permitted by the committee.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6677 Filed 4-5-73;8:45 am]

NATIONAL POWER SURVEY; TECHNICAL ADVISORY COMMITTEE ON RESEARCH AND DEVELOPMENT TASK FORCE ON ENERGY SYSTEMS RESEARCH

Agenda and Notice of Meeting

Meeting to be held at the Federal Power Commission Offices, 441 G Street NW., Washington, D.C., 1 p.m., April 11, 1973, room 4008.

1. Meeting called to order by FPC Coordinating Representative.
2. Objectives and purposes of meeting.

A. Progress report from resources for the future (i.e., Jack Schaultz, Denver Research Institute, and Grant Thompson, Environmental Law Institute).
B. Progress report of energy conservation from Oak Ridge National Laboratory (i.e., Roger Carlsmith and Eric Hirst).
C. Progress reports from other authors.
D. Other business.
E. Schedule for next meeting.

3. Adjournment.

This meeting is open to the public. Any interested person may attend, appear before, or file statements with the committee—which statements, if in written form, may be filed before or after the meeting, or, if oral, at the time and in the manner permitted by the committee.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6678 Filed 4-5-73;8:45 am]

NATIONAL POWER SURVEY; TECHNICAL ADVISORY COMMITTEE ON RESEARCH AND DEVELOPMENT

Agenda and Notice for Meeting

Meeting to be held at the Federal Power Commission Offices, 441 G Street NW., Washington, D.C., 8:30 a.m., April 12, 1973, room 2043.

1. Meeting called to order by FPC Coordinating Representative.
2. Objectives and purposes of meeting.

A. Approval of minutes of March 8 meeting.
B. Task force progress reports.
C. Discussion of report on near term R. & D. to meet the fossil fuel resource crisis.
D. Further discussion/identification of key electric power research issues on which the Committee might offer recommendations.
E. Discussion of research on sulfur oxides problem—Dr. Attaway.
F. Other business.
G. Dates of future meetings.

3. Adjournment.

This meeting is open to the public. Any interested person may attend, appear before, or file statements with the committee—which statements, if in written form, may be filed before or after the meeting, or, if oral, at the time and in the manner permitted by the committee.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-6679 Filed 4-5-73;8:45 am]

FEDERAL RESERVE SYSTEM

BANK OF VIRGINIA CO.

Order Approving Acquisition of General Finance Service Corp.

Bank of Virginia Co., Richmond, Va., a bank holding company registered under the Bank Holding Company Act, as amended, has applied for the Board's approval, under section 4(c)(8) of the act and § 225.4(b)(2) of the Board's regulation Y, to acquire all of the shares of General Finance Service Corp., Huntingdon, Pa. (General). Notice of the application affording opportunity for interested persons to submit comments and views has expired, and none has been received.

Applicant, with 16 subsidiary banks, is the 4th largest banking organization in Virginia indirectly holding deposits of $931.9 million, representing 8.6 percent of State deposits. (All deposit data are as of Dec. 31, 1972.)

General is a consumer finance holding company, its subsidiaries specializing in making personal loans and purchasing installment sales finance contracts. The subsidiaries of General also engage in the sale of credit life and credit disability insurance coverage to their direct borrowers. The insurance sales activities of General include the sale of casualty insurance on collateral securing credit extended by those subsidiaries. Such activities have been determined by the Board to be closely related to banking (12 CFR 225.4(a)). General operates 25 offices, all of which are located in the State of Pennsylvania. As of September 30, 1972, General held, through its subsidiaries, total outstandings of $26.2 million.

The proposed acquisition would have no adverse effect on existing competition since Applicant's subsidiaries that are engaged in the same lines of commerce as General's subsidiaries neither serve nor maintain offices in any geographic market served by subsidiaries of General Applicant would not appear to be a likely de novo entrant into General's markets. Further, in view of the number of competitors in those markets and the relatively low entry barriers into those markets, the Board concludes that consummation of the proposed acquisition would produce no adverse effect upon future competition in those markets. Further, it does not appear that the acquisition of General by Applicant will have any adverse effects on credit presently made available to independent finance companies by Applicant's subsidiary banks.

Access to Applicant's financial resources would permit General to make more funds available in the smaller geographic markets in which General operates. Access to certain services to be made available to General by Applicant at lower costs than are presently paid competitive strength and ultimately benefit consumer borrowers in General's market areas through enhanced competition.

Based on the foregoing and other considerations reflected in the record, the Board has determined that the balance of the public interest factors that the Board is required to consider under section 4(c)(8) is favorable, and the Board hereby approves the application. This determination is subject to the conditions set forth in § 225.4(c) of regulation Y and to the Board's authority to require such modification or termination of the activities of a holding company or any of its subsidiaries as the Board finds necessary to assure compliance with the provisions and purposes of the act and the Board's regulations and orders issued thereunder, or to prevent evasions thereof.

By order of the Board of Governors,[1] effective March 29, 1973.

[SEAL] TYNAN SMITH,
Secretary of the Board.

[FR Doc.73-6639 Filed 4-5-73;8:45 am]

FIRST CITY BANCORPORATION OF TEXAS, INC.

Order Approving Acquisition of Bank

First City Bancorporation of Texas, Inc., Houston, Tex., a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval under section 3(a)(3) of the act (12 U.S.C. 1842(a)(3)) to acquire all of the voting shares (less directors' qualifying shares) of Antoine National Bank, Houston, Tex., a proposed new bank (Bank).

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with section 3(b) of the act. The time for filing comments and views has expired, and none has been timely received. The Board has considered the application in light of the factors set forth in section 3(c) of the act (12 U.S.C. 1842(c)).

Applicant, the largest banking organization in the Houston banking market, presently controls seven banks in that market and 20 percent of the total market deposits.[1] Applicant is the second

[1] Voting for this action: Chairman Burns and Governors Robertson, Mitchell, Daane, Brimmer, and Sheehan. Absent and not voting: Governor Bucher.

largest multibank holding company in Texas.

Bank is a proposed new bank, to be located in a newly developed and rapidly growing area of northwest Houston. The nearest bank is 3.8 miles from the proposed bank's site (although preliminary approval for a charter has recently been granted to another new bank, also affiliated with a large bank holding company, which will be located three-quarters of a mile from Bank's location). Applicant's closest subsidiary bank is located approximately 10 miles south of Bank's proposed site. Because Bank is a proposed new bank, consummation of this proposal will have no adverse effect on existing or potential competition. In fact, de novo entry by applicant into this area will create an additional banking alternative and should stimulate competition among those financial institutions already located in Bank's service area. Competitive considerations are, therefore, consistent with approval of this application.

The financial condition and managerial resources of applicant and its subsidiary banks are considered to be generally satisfactory, and future prospects appear favorable. Bank, as a proposed new bank, has no operating history, but future prospects for the new bank, under applicant's leadership, appear favorable. Banking factors are consistent with approval of the application. Convenience and needs factors favor approval since consummation of the proposal will shorten the distance that residents of Bank's service area must travel for banking facilities. It is the Board's judgment that the proposed acquisition would be in the public interest and that the application should be approved.

On the basis of the record, the application is approved for the reasons summarized above. The transaction shall not be consummated (a) before April 29, 1973, or (b) later than July 2, 1973, and (c) Antoine National Bank, Houston, Tex., shall be opened for business not later than September 30, 1973. Each of the periods described in (b) and (c) may be extended for good cause by the Board, or by the Federal Reserve Bank of Dallas pursuant to delegated authority.

By order of the Board of Governors,[3] effective March 30, 1973.

[SEAL] TYNAN SMITH,
Secretary of the Board.

[FR Doc.73-6636 Filed 4-5-73;8:45 am]

FIRST NATIONAL CHARTER CORP.

Order Approving Acquisition of Bank

First National Charter Corp., Kansas City, Mo., a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval under section 3(a)(3) of the act (12 U.S.C. 1842(a)(3)) to acquire 90 percent or more of the voting shares of American Bank of De Soto, De Soto, Mo. (Bank).

Notice of the application, affording opportunity for interested persons to submits comments and views, has been given in accordance with section 3(b) of the act. The time for filing comments and views has expired, and none has been timely received. The Board has considered the application in light of the factors set forth in section 3(c) of the act (12 U.S.C. 1842(c)).

Applicant controls nine banks with deposits of $550 million representing 4.4 percent of aggregate deposits of commercial banks in Missouri. (All banking data are as of June 30, 1972, and reflect holding company formations and acquisitions approved through February 28, 1973.) Upon acquisition of Bank with deposits of $15 million applicant would continue to rank as the fifth largest bank holding company in the State.

Bank is the second largest of seven banks in the Festus-Crystal City banking market and holds 24 percent of total deposits. The largest and third largest of these banks are affiliated with bank holding companies and control deposits of 27 and 18 percent, respectively. Applicant control three banks in the adjacent St. Louis banking market with aggregate deposits of $107 million. Bank does not directly compete with any of applicant's subsidiary offices, the closest of which is more than 30 miles removed from Bank. Furthermore, it does not appear that significant future competition would develop between them in view of their wide separation, the presence of numerous intervening banks, and restrictions placed on branching by State laws. Competitive considerations are consistent with approval of the application.

The financial and managerial resources of applicant, its subsidiary banks, and Bank are considered to be generally satisfactory, and prospects for each appear favorable. Banking factors are consistent with approval of the application. The primary banking needs of the area are being served at the present time. However, applicant proposes to assist Bank in expanding its lending and financing areas to include construction lending, accounts receivable, financing and lease financing, to establish trust and investment services, and also to provide better auditing procedures and better training and development programs for new employees. Considerations relating to the convenience and needs of the communities to be served are consistent with approval of the application. It is the Board's judgment that consummation of the proposed transaction would be in the public interest and that the application should be approved.

On the basis of the record, the application is approved for the reasons summarized above. The transaction shall not be consummated (a) before April 29, 1973, or (b) later than July 2, 1973, unless such period is extended for good cause by the Board, or by the Federal Reserve Bank of Kansas City pursuant to delegated authority.

By order of the Board of Governors,[1] effective March 30, 1973.

[SEAL] TYNAN SMITH,
Secretary of the Board.

[FR Doc.73-6637 Filed 4-5-73;8:45 am]

MERCHANTS NATIONAL CORP.

Order Approving Acquisition of Circle Leasing Corp.

Merchants National Corp., Indianapolis, Ind., a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval, under section 4(c)(8) of the act and § 225.4(b)(2) of the Board's Regulation Y, to acquire all of the voting shares of the successor by merger to Circle Leasing Corp., Indianapolis, Ind. (Company) and indirectly to acquire Company's subsidiaries, Circle Acceptance Corp., and Circle Transportation Corp., both of Indianapolis, Ind., and Circle Leasing of Kentucky Corp., Louisville, Ky. The company into which Company is to be merged has no significance except as a means to facilitate the acquisition of the voting shares of Company. Accordingly, the proposed acquisition of shares of the successor organization is treated as the proposed acquisition of shares of Company. The proposed subsidiaries engage primarily in full pay-out leasing. Such activities have been determined by the Board to be closely related to the business of banking (12 CFR 225.4(a)(6)).

Notice of the application, affording opportunity for interested persons to submit comments and views on the public interest factors, has been duly published (38 FR 3629). The time for filing comments and views has expired, and none has been timely received.

Applicant controls one bank, Merchants National Bank & Trust Co., Indianapolis, Ind. (Bank), with deposits of $534 million, representing 4.3 percent of aggregate deposits of commercial banks in Indiana. (All banking data are as of June 30, 1972.) Bank is the third largest of five competing banks in the city of Indianapolis.

Company was organized in 1957 and is primarily engaged in leasing capital goods and equipment to business and industry through its Indianapolis office and, on a smaller scale, through its Louisville, Ky., office. Company operates two Indianapolis subsidiaries, Circle Acceptance Corp., and Circle Transportation Corp., which specialize in transactions involving installment financing, and in full payout leasing of vehicles, respectively. The third subsidiary, Circle Leasing of Kentucky Corp., Louisville, Ky., carries on Company's leasing operations in Kentucky. Leases are made on a

[3] Voting for this action: Vice Chairman Robertson and Governors Mitchell, Daane, Brimmer, and Sheehan. Absent and not voting: Chairman Burns and Governor Bucher.

[1] Voting for this action: Vice Chairman Robertson and Governors Mitchell, Daane, and Brimmer. Absent and not voting: Chairman Burns and Governors Sheehan and Bucher.

full payout basis whereby the cost of equipment, the cost of financing, and a reasonable profit are realized during the original terms of the leases. Company is the second largest leasing organization in the Indianapolis area, controlling 19 percent of total lease receivables. Numerous national leasing companies are represented in the market through branch offices, and it appears to be a competitive market.

Applicant does not engage in leasing directly, and Bank has not engaged in leasing for several years and has only one lease outstanding. There is no indication in the record, absent this proposal, that Applicant would be likely to engage de novo in leasing operations in the relevant areas. The facts of record indicate that no substantial amount of existing or potential competition would be eliminated by consummation of this proposal, and the Board finds that the competitive issues are consistent with approval of the application.

It appears that the proposed affiliation would not result in any undue concentration of resources, conflicts of interests, unsound banking practices, or any other adverse effects on the public interest. However, applicant's acquisition of company would serve the public by increasing the line of services available to Bank's customers and by assisting Company in obtaining funds at a lower cost. In addition, efficiencies of operations are expected to result from the proposed affiliation.

Based upon the foregoing and other considerations reflected in the record, the Board has determined that the balance of the public interest factors the Board is required to consider under section 4(c)(8) is favorable. Accordingly, the application is hereby approved. This determination is subject to the conditions set forth in § 225.4(c) of regulation Y and to the Board's authority to require such modification or termination of the activities of a holding company or any of its subsidiaries as the Board finds necessary to assure compliance with the provisions and purposes of the act and the Board's regulations and orders issued thereunder, or to prevent evasion thereof.

By order of the Board of Governors,[1] effective March 30, 1973.

[SEAL] TYNAN SMITH,
Secretary of the Board.

[FR Doc.73-6638 Filed 4-5-73;8:45 am]

ZIONS UTAH BANCORPORATION

Order Approving Acquisition of Financial Credit Corp.

Zions Utah Bancorporation, Salt Lake City, Utah, a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval, under section 4(c)(8) of the act and § 225.4(b)(2) of the Board's Regulation Y, to acquire 66⅔ percent or more of the voting shares of Financial Credit Corp., Idaho Falls, Idaho (FCC), a company that engages in the activities of making consumer installment loans, purchasing consumer installment sales finance contracts, making loans to small businesses, financing dealer inventory, and sale of credit life and credit health and accident insurance to direct borrowers from FCC and to debtors on consumer installment sales finance contracts that are purchased by FCC on a continuing basis wthin 1 to 5 days after the execution of such contracts. Such activities have been determined by the Board to be closely related to banking (12 CFR 225.4(a) (1) and (9)).

Notice of the application, affording opportunity for interested persons to submit comments and views on the public interest factors, has been duly published (38 FR 3630). The time for filing comments and views has expired, and none has been received.

Applicant controls two banks in Utah with aggregate deposits of $323.4 million, comprising 15.1 percent of the State's total commercial bank deposits.[1] Applicant also controls, as wholly owned subsidiaries, a consumer loan company, a thrift loan company, both of which operate in Utah, and six industrial banks operating in Colorado. FCC is a consumer and commercial finance company operating four offices in Idaho with total assets of $2.1 million. Both of applicant's subsidiary banks engage in the making of loans to individuals and businesses. However, no subsidiary of applicant derives a significant amount of business from geographic areas served by FCC. Conversely, FCC does not operate in areas served by subsidiaries of applicant. Therefore, it appears that consummation of the proposal would not eliminate any existing competition between applicant and FCC. No adverse competitive effects would appear to result from removal of applicant as a potential competitor of FCC because applicant is not considered a likely de novo entrant into FCC's markets, and there are several other competitors in the product market, and substantially all of the geographic markets, that FCC serves.

Applicant's access to financial resources may increase resources available to FCC, thereby possibly retarding or reversing the decline in loan volume that FCC has experienced. The increased availability of financial resources to FCC should increase competition and public convenience.

Based upon the foregoing and other considerations reflected in the record, the Board has determined that the balance of the public interest factors the Board is required to consider under section 4(c)(8) is favorable. Accordingly, the application is hereby approved. This determination is subject to the conditions set forth in § 225.4(c) of regulation Y and to the Board's authority to require such modification or termination of the activities of a holding company or any of its subsidiaries as the Board finds necessary to assure compliance with the provisions and purposes of the act and the Board's regulations and orders issued thereunder, or to prevent evasion thereof.

By order of the Board of Governors,[2] effective March 30, 1973.

[SEAL] TYNAN SMITH,
Secretary of the Board.

[FR Doc.73-6635 Filed 4-5-73;8:45 am]

[1] Voting for this action: Vice Chairman Robertson, and Governors Mitchell, Daane, Brimmer, and Sheehan. Absent and not voting: Chairman Burns and Governor Bucher.

[1] All banking data are as of June 30, 1972.

[2] Voting for this action: Vice Chairman Robertson and Governors Mitchell, Daane, and Brimmer. Absent and not voting: Chairman Burns and Governors Sheehan and Bucher.

INTERIM COMPLIANCE PANEL (COAL MINE HEALTH AND SAFETY)

AMHERST COAL CO.

Applications for Renewal Permits, Notice of Opportunity for Public Hearing

Applications for renewal permits for noncompliance with the Interim Mandatory Dust Standard (2.0 mg/m³) have been received as follows:

(1) ICP Docket No. 20281, Amherst Coal Co., Lundale No. 2 Mine, USBM ID NO. 46 01366 0 Lundale, W. Va.,
Section ID No. 002-0 (Road 262),
Section ID No. 003-0 (Road 297),
Section ID No. 006-0 (Road 326).

(2) ICP docket No. 20284, Amherst Coal Co., Paragon Mine, USBM ID NO. 46 01367 0, Slagle, W. Va.,
Section ID No. 009-0 (Road 725),
Section ID No. 010-0 (Road 719),
Section ID No. 006-0 (Road 697),
Section ID No. 008-0 (Road 713).

(3) ICP docket No. 20285, Amherst Coal Co., MacGregor No. 7 Mine, USBM ID NO. 46 01370 0, Slagle W. Va.,
Section ID No. 001-0 (Road 212),
Section ID No. 002-0 (Road 137),
Section ID No. 003-0 (Road 253).

In accordance with the provisions of section 202(b)(4) (30 U.S.C. 842(b)(4)) of the Federal Coal Mine Health and Safety Act of 1969 (83 Stat. 742 et seq., Public Law 91-173), notice is hereby given that requests for public hearing as to an application for renewal may be filed on or before April 23, 1973. Requests for public hearing must be filed in accordance with 30 CFR Part 505 (35 FR 11296, July 15, 1970), as amended, copies of which may be obtained from the Panel on request.

A copy of the application is available for inspection and requests for public hearing may be filed in the office of the Correspondence Control Officer, Interim Compliance Panel, Room 800, 1730 K Street NW., Washington, D.C. 20006.

GEORGE A. HORNBECK,
Chairman,
Interim Compliance Panel.

APRIL 3, 1973.

[FR Doc.73-6608 Filed 4-5-73;8:45 am]

NATIONAL COMMISSION ON MATERIALS POLICY

PREPARATION OF COMMISSION REPORT

Notice of Closed Meeting

APRIL 2, 1973.

Pursuant to the requirements of the Federal Advisory Committee Act, notice is hereby given that there will be a meeting of the National Commission on Materials Policy on Monday, April 9, 1973, at 9 a.m. The meeting will be held in the Commission's offices, room 3002, 2025 M Street NW., Washington, D.C. The meeting will be held for the purpose of reviewing reports prepared for the Commission by staff members and by various persons and groups outside the Government, and for the purpose of preparing the Commission's final report to the Congress and the President. The meeting will not be open to the public.

JAMES BOYD,
Executive Director.

[FR Doc.73-6729 Filed 4-5-73;8:45 am]

NATIONAL HISTORICAL PUBLICATIONS COMMISSION

SPECIAL ADVISORY COMMITTEE ON THE PAPERS OF BLACKS

Notice of Meeting

Notice is hereby given that the Special Advisory Committee on the Papers of Blacks will meet at the time and place indicated. Anyone interested in attending or wishing additional information should communicate with the person shown below.

SPECIAL ADVISORY COMMITTEE ON THE PAPERS OF BLACKS

Meeting date.—April 21, 1973.

Time.—9:30 a.m.-2:30 p.m.

Place.—National Archives Building, Eighth and Pennsylvania Avenue, NW., Washington, D.C. 20408.

Agenda.—To consider papers of individuals and records of organizations deserving of publication, and to consider establishing a priority listing of them.

For further information contact.—Fred Shelley, acting executive director, National Historical Publications Commission, National Archives Building, room 100, Washington, D.C. 20408, 202-963-6488.

Issued in Washington, D.C., on March 30, 1973.

JAMES B. RHOADS,
Chairman, National Historical Publications Commission.

[FR Doc.73-6683 Filed 4-5-73;8:45 am]

OFFICE OF MANAGEMENT AND BUDGET

ADVISORY COMMITTEE ON GNP DATA IMPROVEMENT

Notice of Public Meeting

is hereby given of a meeting of the Advisory Commitee on GNP Data Improvement to be held on room 10104, New Executive Office Building, 726 Jackson Place NW., Washington, D.C., on Thursday, April 12, 1973, at 9:45 a.m.

The committee was established to advise the Office of Management and Budget on programs to improve the timeliness and accuracy of the statistical data which are used in compiling estimates of the U.S. gross national product and its components. At this meeting, the first of several which wil be held during the next year, this committee will consider a preliminary statement of its plans of work and topics to be studied.

The meeting will be open to public observation and participation. Anyone wishing to participate should contact the GNP Data Improvement Project, Statistical Policy Division, room 10208B, New Executive Office Building, Washington, D.C. 20503, telephone (202) 395-3836.

VELMA N. BALDWIN,
Assistant to the Director, for Administration.

[FR Doc.73-6682 Filed 4-5-73;8:45 am]

SECURITIES AND EXCHANGE COMMISSION

BROKER-DEALER MODEL COMPLIANCE PROGRAM ADVISORY COMMITTEE

Notice of Public Meetings

Pursuant to section 10(a)(2) of the Federal Advisory Committee Act, Public Law 92-463, 86 Stat. 770, the Securities and Exchange Commission announces the following public advisory committee meetings.

The Commission's Advisory Committee on a model compliance program for broker-dealers, established on October 24, 1972 (Securities Exchange Act Release No. 9835), will hold meetings on April 16-17, 1973, at the New York Stock Exchange, Inc., 55 Water Street, New York, N.Y., room A, 23d floor. These meetings will commence at 9a.m., local time.

This Advisory Committee was formed to assist the Commission in developing a model compliance program to serve as an industry guide for the broker-dealer community. Assisted by this committee's work the Commission plans to publish a guide to broker-dealer compliance under the securities acts in order to advise broker-dealers of the standards to which they should adhere if investor confidence in the fairness of the marketplace is to be warranted and sustained. The committee's recommendations are not intended to result in the expansion of Commission rules governing broker-dealers, but to inform broker-dealers as to the existing requirements and how they may comply with them.

The Committee's scheduled meetings will be for the purpose of reviewing drafts and proposals concerning the Committee's proposed report to the Commission on these compliance guidelines for broker-dealers.

These meetings are open to the public. Any interested person may attend and appear before or file statements with the Advisory Committee—which statements, if in written form, may be filed before or after the meeting or, if oral, at the time and in the manner and extent permitted by the Advisory Committee.

[SEAL] RONALD F. HUNT,
Secretary.

APRIL 2, 1973.

[FR Doc.73-6643 Filed 4-5-73;8:15 am]

[70-5321]

COLUMBIA GAS SYSTEM, INC.

Notice of Proposed Issue and Sale of Short-Term Notes

Notice is hereby given that, The Columbia Gas System, Inc. (Columbia), 20 Montchanin Rd., Wilmington, Del. 19807, a registered holding company, has filed an application with this Commission pursuant to the Public Utility Holding Company Act of 1935 (Act), designating section 6(b) thereof and rule 50 (a) promulgated thereunder as applicable to the proposed transactions. All interested persons are referred to the application, which is summarized below, for a complete statement of the proposed transactions.

Columbia requests that the exemption from the provisions of section 6(a) of the act afforded to it by the first sentence of section 6(b) thereof, relating to the issue and sale of short-term notes, be increased through May 31, 1974, from 5 percent to approximately 15 percent of the principal amount and par value of the other securities of Columbia then outstanding in order to permit Columbia to have outstanding up to $195 million principal amount of proposed short-term notes, consisting of bank notes and commercial paper. Generally, Columbia will make the proceeds from the sale of these notes available to its subsidiary companies for construction, for the purchase of underground storage gas during the summer months, for other miscellaneous inventories and for other short-term seasonal requirements, in accordance with the terms of another filing with this Commission (file No. 70-5322).

Columbia proposes to issue and sell, from time to time through May 31, 1974, short-term notes in the form of commercial paper and notes to banks, in an aggregate amount not exceeding $195 million at any one time outstanding.

It is Columbia's intention to issue and sell commercial paper to one or more dealers therein, and continue to do so as long as the effective interest rate is less than the effective interest cost which Columbia would have to pay to banks for an equivalent amount of funds as of the date of borrowing, except that, in order to obtain maximum flexibility, commercial paper may be issued with a maturity of not more than 60 days from the date of issue with an effective interest cost in excess of such effective interest cost on bank borrowings.

The commercial paper will be in the form of promissory notes with maturities not to exceed 270 days, and will not be prepayable prior to maturity. The actual maturities will be determined by market conditions, effective interest cost to Columbia, and Columbia's anticipated

cash requirements at the time of issue. The commercial paper notes will be issued in denominations of not less than $50,000 and not more than $1 million, and will be sold at a discount which will be not in excess of the discount rate per annum prevailing at the date of issuance for prime commercial paper of the particular maturity.

It is stated that no commission or fee will be payable in connection with the issue and sale of the commercial paper notes. Each dealer, as principal, will reoffer such notes at a discount rate of one-eighth of 1 percent per annum less than the discount rate to Columbia. The reoffering will be made to not more than an aggregate of 200 customers of the dealers, such customers to be identified and designated in lists (nonpublic) prepared in advance. No additions will be made to the customer lists, which will consist of institutional investors. It is expected that Columbia's commercial paper notes will be held by customers to maturity, but, if they wish to resell prior thereto, the applicable dealer, pursuant to a repurchase agreement, will repurchase the notes and reoffer the same to others in its specified group of customers.

Columbia requests exception from the competitive bidding requirements of rule 50 for the proposed issue and sale of its commercial paper. In support of this request, Columbia states that the proposed commercial paper notes will have a maturity of 9 months or less, that it is not practical to invite competitive bids for commercial paper, and that current rates for commercial paper for such prime borrowers as Columbia are published daily in financial publications.

Columbia proposes that up to $90 million of the aforesaid commercial paper will be converted into inventory bank loans on or before November 1, 1973, and Columbia intends to secure credit lines from a group of 32 banks in a maximum aggregate amount of $90 million, borrowings thereunder to be repaid at or before the maturity date thereof, May 1, 1974, with cash generated from operations. The bank loans will bear interest at the minimum commercial lending rate in effect from time to time at Morgan Guaranty Trust Co. of New York, and will be prepayable, in whole or in part, at any time without penalty.

It is stated that although banks have not required that Columbia maintain minimum compensating balances, it has been a policy of Columbia to maintain bank balances which on an annual basis are somewhat in excess of 20 percent of its average annual loans. On this basis, the effective cost of the bank borrowings (based on the current prime rate of 6.5 percent) would be 8.13 per annum.

Columbia states that it plans to sell $50 million principal amount of debentures in May 1973, and that it is estimated that additional external funds in the amount of $130 million may be required during 1973. It is anticipated that subject to market conditions, Columbia will sell $40 million of additional securities during 1973, and that the balance of $90 million will initially be financed through the sale of commercial paper. Said commercial paper will be repaid on or before May 31, 1974, with cash generated from operations during the winter months of 1973 and 1974. Such additional financing, to the extent necessary, will be the subject of future filings with this Commission.

Notice is further given that any interested person may, not later than April 30, 1973, request in writing that a hearing be held on such matter, stating the nature of his interest, the reasons for such request, and the issues of fact or law raised by said application which he desires to controvert; or he may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request should be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon the applicant at the above-stated address, and proof of service (by affidavit or, in case of an attorney at law, by certificate) should be filed with the request. At any time after said date, the application, as filed or as it may be amended, may be granted as provided in rule 23 of the general rules and regulations promulgated under the act, or the Commission may grant exemption from such rules as provided in rules 20(a) and 100 thereof or take such other action as it may deem appropriate. Persons who request a hearing or advice as to whether a hearing is ordered will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission, by the Division of Corporate Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT, *Secretary.*

[FR Doc.73-6646 Filed 4-5-73;8:45 am]

[File No. 500-1]

EQUITY FUNDING CORP. OF AMERICA

Order Suspending Trading

MARCH 28, 1973.

The common stock, $0.30 par value, of Equity Funding Corp. of America being traded on the New York Stock Exchange, the Midwest Stock Exchange, the Pacific Coast Stock Exchange, the Philadelphia-Baltimore-Washington Stock Exchange, the Boston Stock Exchange; warrants to purchase the $0.30 par value common stock being traded on the American Stock Exchange and the Philadelphia-Baltimore-Washington Stock Exchange; 9½ percent debentures due 1990 being traded on the New York Stock Exchange; and 5½ percent convertible subordinated debentures due 1991 being traded on the New York Stock Exchange pursuant to provisions of the Securities Exchange Act of 1934 and all other securities of Equity Funding Corp. of America being traded otherwise than on a national securities exchange; and

It appearing to the Securities and Exchange Commission that the summary suspension of trading in such securities on such exchanges and otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to sections 19 (a)(4) and 15(c)(5) of the Securities Exchange Act of 1934, that trading in such securities on the above-mentioned exchanges and otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from 10 a.m., e.s.t., March 28, 1973, through April 6, 1973.

By the Commission.

[SEAL] RONALD F. HUNT, *Secretary.*

[FR Doc.73-6644 Filed 4-5-73;8:45 am]

[70-5292]

GENERAL PUBLIC UTILITIES CORP.

Notice of Posteffective Amendment to Declaration Regarding Cash Capital Contribution to Subsidiary Company

Notice is hereby given that General Public Utilities Corp. (GPU), 80 Pine Street, New York, N.Y. 10005, a registered holding company, has filed a posteffective amendment to a declaration with this Commission pursuant to the Public Utility Holding Company Act of 1935 (Act), designating section 12(d) of the Act and rule 45 promulgated thereunder as applicable to the proposed transaction. All interested persons are referred to the declaration, as amended, which is summarized below, for a complete statement of the proposed transaction.

By order dated February 28, 1973 (Holding Company Act Release No. 17894), this Commission permitted GPU to make cash capital contributions, from time to time up to December 31, 1973, to certain of its subsidiary companies. The proposed capital contributions were to be and will be utilized by the subsidiary companies for the purpose of financing their business as public utility companies, including the construction of additional facilities and the increase of working capital. Such cash capital contributions will be credited by the recipients to their respective capital surplus accounts.

GPU now proposes that the amount to be contributed to one of the subsidiary companies be increased as follows:

	Currently authorized	Proposed to be authorized
Jersey Central Power & Light Co.	$40,000,000	$40,000,000
New Jersey Power & Light Co.	5,000,000	5,000,000
Metropolitan Edison Co.	40,000,000	40,000,000
Pennsylvania Electric Co.	35,000,000	35,000,000
Waterford Electric Co.		100,000
Total	120,000,000	120,100,000

The filing states that no State or Federal commission, other than this Commission, has jurisdiction over the proposed transaction. GPU estimates that the fees and expenses as related to the

posteffective amendment will be approximately $6,000.

Notice is further given that any interested person may, not later than April 26, 1973, request in writing that a hearing be held on such matter, stating the nature of his interest, the reasons for such request, and the issues of fact or law raised by said amended declaration which he desires to controvert; or he may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request should be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon the declarant at the above-stated address, and proof of service (by affidavit or, in case of an attorney at law, by certificate) should be filed with the request. At any time after said date, the declaration, as amended by said posteffective amendment or as it may be further amended, may be permitted to become effective as provided in rule 23 of the general rules and regulations promulgated under the Act, or the Commission may grant exemption from such rules as provided in rules 20(a) and 100 thereof or take such other action as it may deem appropriate. Persons who request a hearing or advice as to whether a hearing is ordered will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission, by the Division of Corporate Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT, *Secretary.*

[FR Doc.73-6645 Filed 4-5-73;8:45 am]

SELECTIVE SERVICE SYSTEM

Registrants Processing Manual

The Registrants Processing Manual is an internal manual of the Selective Service System. The following portions of that manual are considered to be of sufficient interest to warrant publication in the FEDERAL REGISTER. Therefore these materials are set forth in full as follows:

[Temporary Instruction No. 631-8, 621-2]

PROCESSING REGISTRANTS-BY RSN

1. The "Registrant RSN Report" for those registrants born in 1954, reflecting the assignment of RSN's following the lottery drawing conducted on March 8, 1973, has been mailed to each local board for RSN's 001 through 020 only. This report will be used to post the assigned RSN's to the Registrant File Folder (SSS Form 101) and Classification Record (SSS Form 102) for each registrant shown on the report, and as a guide in processing registrants in RSN order.

2. Local boards which have no 1954 year of birth registrants' records in RIB for RSN 001 through 020 will not receive a report at this time. We are currently programing the Registrant Information Bank to provide negative reports in the future to the local boards which do not have registrants in the RSN group which is to be processed.

3. The "Registrant RSN Report by SSN" will not be published.

4. RSN 095 is the Administration Processing Number (APN) for the 1954 year of birth group; however, local boards will limit the initial processing activities, including the posting of RSN's, to those for registrants born in 1954 with RSN 020 or below. The highest RSN to be processed will be announced periodically by the Director. At that time, an updated "Registrant RSN Report" will be mailed to each local board for RSN's 001 through the new high RSN to be processed.

5. Temporary Instruction No. 631-6/621-1 is rescinded.

This Temporary Instruction will be effective until it is amended or rescinded.

Issued: March 22, 1973.

[Temporary Instruction No. 642-1]

ISSUANCE OF CONTINUING DUTY TO REPORT LETTERS (REFERENCE: SECTIONS 1631.7(c) AND 1641.5, SSR)

No "continuing duty" letters establishing a new reporting date for induction or alternate service will be issued to violators by local boards until such letters have first been coordinated with the Regional Counsel through the State Director.

This Temporary Instruction will terminate upon receipt of the revised Chapter 642, RPM.

Issued April 2, 1973.

BYRON V. PEPITONE, *Director.*

APRIL 3, 1973.

[FR Doc.73-6652 Filed 4-5-73;8:45 am]

INTERSTATE COMMERCE COMMISSION

ARROW FREIGHTWAYS, INC.

Demurrage and Free Time on Freight Cars

At a session of the Interstate Commerce Commission, division 3, acting as an appellate division, held at its office in Washington, D.C., on the 29th day of March 1973.

Upon consideration of the petition filed by the Arrow Freightways, Inc., on March 22, 1973, requesting dismissal or modification of service order No. 1124.

It appearing, that the relief sought by petitioner is predicated upon its view that it cannot unload rail cars subject to service order No. 1124 within the 24-hour free-time period therein provided; that, however, our second revised service order No. 1124, issued on March 26, 1973, modified service order No. 1124, inter alia, to provide for maximum free time of 48 hours for loading and unloading in lieu of the 24-hour maximum prescribed by the prior order herein, and, therefore, the petition should be dismissed for the relief sought is moot in light of our action as just described; and good cause appearing;

It is ordered, That the petition be, and it is hereby, denied.

By the Commission, division 3, acting as an appellate division.

[SEAL] ROBERT L. OSWALD, *Secretary.*

[FR Doc.73-6701 Filed 4-5-73;8:45 am]

[Notice 213]

ASSIGNMENT OF HEARINGS

APRIL 3, 1973.

Cases assigned for hearing, postponement, cancellation or oral argument appear below and will be published only once. This list contains prospective assignments only and does not include cases previously assigned hearing dates. The hearings will be on the issues as presently reflected in the official docket of the Commission. An attempt will be made to publish notices of cancellation of hearings as promptly as possible, but interested parties should take appropriate steps to insure that they are notified of cancellation or postponements of hearings in which they are interested. No amendments will be entertained after the date of this publication.

MC 2202 sub 418, Roadway Express, Inc., now assigned April 30, 1973, will be held in room 217, Federal Bldg., 325 West Allegan St., Lansing, Mich.

MC-2900, Ryder Truck Lines, Inc., now assigned April 30, 1973, at Knoxville, Tenn., is postponed to June 4, 1973, will be held in room LL8, Cumberland Bldg., 301 West Cumberland Ave., Knoxville, Tenn.

MC 99284 sub 6, Sullivan's Motor Delivery, Inc., now assigned April 30, 1973, will be held in the Auditorium of Madison Forest Products Laboratory, North Walnut St., Madison, Wis.

MC-F 11563, Ross Truck Lines, Inc.—purchase (portion)—Robert Foltz, now assigned May 10, 1973, at Kansas City, Mo., is canceled and transferred to modified procedure.

MC 96925 sub 4, Jacksonville Transfer & Storage, Inc., now being assigned hearing June 11, 1973, at Tallahassee, Fla., in a hearing room to be later designated.

MC-F-11664, John L. Kerr and G. O. Kerr, Jr., doing business as Shippers Express, John L. Kerr and G. O. Kerr, Jr.—Investigation of control—Mississippi Freight Lines, Inc., MC-F-11703, John L. Kerr and G. O. Kerr, Jr., doing business as Shippers Express, John L. Kerr and G. O. Kerr, Jr.—Investigation of control—Reese Truck Line, Inc., MC-F-11750, Mississippi Freight Lines, Inc., a Tennessee corporation—purchase—Mississippi Freight Lines, Inc., a Mississippi corporation, MC 138416, Mississippi Freight Lines, Inc., MC-F-11774, Merchants Truck Lines, Inc.—control—Mississippi Freight Lines, Inc., and MC 121427 sub 8, Mississippi Freight Lines, Inc., now assigned April 25, 1973, at Jackson, Miss., will be held in room 800, Downtowner Motor Inn, 225 East Capital St., instead of room 409, U.S. Courthouse and Post Office, Capital and West Streets.

AB 5 Sub 108, George P. Baker, Richard C. Bond, and Jervis Langdon, Jr., trustees of the property of Penn Central Transportation Co., debtor, abandonment Lykens Valley Junction secondary track between Millersburg and Elizabethville, Dauphin County, Pa., now assigned May 30, 1973, at Millersburg, Pa., will be held in Burrough Council Room, community building.

MC 136839, Josephine Koffman and Nancy J. Nimmo, doing business as Bergen Limousine Rental Service, now assigned April 25, 1973, at New York, N.Y., is postponed indefinitely.

MC-135754 Sub 1, Robert E. Williamson, Jr., common carrier application, now being assigned hearing June 28, 1973 (2 days), at Columbia, S.C., in a hearing room to be later designated.

MC 71459 Sub 31, O. N. C. Freight Systems, now assigned April 23, 1973, at Salt Lake City, Utah, is postponed to July 16, 1973, at Salt Lake City, Utah, in a hearing room to be later designated.

[SEAL] ROBERT L. OSWALD, *Secretary.*

[FR Doc.73-6697 Filed 4-5-73;8:45 am]

[Rev. S.O. 994; I.C.C. Order 87]

BURLINGTON NORTHERN, INC.

Rerouting or Diversion of Traffic

In the opinion of Lewis R. Teeple, agent, the Burlington Northern Inc. is unable to transport traffic with gross weight in excess of 220,000 pounds over its line between Montgomery, Ill., and Streator, Ill., because of damage to bridge 87.43.

It is ordered, That:

(a) The Burlington Northern Inc. (BN), being unable to transport traffic with gross weight in excess of 220,000 pounds, over its line between Montgomery, Ill., and Streator Ill., because of damage to bridge 87.43, that carrier is hereby authorized to reroute or divert such traffic via any available route to expedite the movement. The billing covering all such cars rerouted shall carry a reference to this order as authority for the rerouting.

(b) Concurrence of receiving roads to be obtained. The railroad desiring to divert or reroute traffic under this order shall receive the concurrence of other railroads to which such traffic is to be diverted or rerouted, before the rerouting or diversion is ordered.

(c) Notificaton to shippers. Each carrier rerouting cars in accordance with this order shall notify each shipper at the time each car is rerouted or diverted and shall furnish to such shipper the new routing provided under this order.

(d) Inasmuch as the diversion or rerouting of traffic is deemed to be due to carrier disability, the rates applicable to traffic diverted or rerouted by said agent shall be the rates which were applicable at the time of shipment on the shipments as originally routed.

(e) In executing the directions of the Commission and of such agent provided for in this order, the common carriers involved shall proceed even though no contracts, agreements, or arrangements now exist between them with reference to the divisions of the rates of transportation applicable to said traffic. Divisions shall be, during the time this order remains in force, those voluntarily agreed upon by and between said carriers; or upon failure of the carriers to so agree, said divisions shall be those hereafter fixed by the Commission in accordance with pertinent authority conferred upon it by the Interstate Commerce Act.

(f) Effective date. This order shall become effective at 3 p.m., March 27, 1973.

(g) Expiration date. This order shall expire at 11:59 p.m., April 27, 1973, unless otherwise modified, changed, or suspended.

It is further ordered, That this order shall be served upon the Association of American Railroads, Car Service Division, as agent of all railroads subscribing to the car service and car hire agreement under the terms of that agreement, and upon the American Short Line Railroad Association; and that it be filed with the Director, Office of the Federal Register.

Issued at Washington, D.C., March 27, 1973.

INTERSTATE COMMERCE COMMISSION,
[SEAL] LEWIS R. TEEPLE, *Agent,*

[FR Doc.73-6699 Filed 4-5-73;8:45 am]

[Notice 247]

MOTOR CARRIER BOARD TRANSFER PROCEEDINGS

Synopses of orders entered by the Motor Carrier Board of the Commission pursuant to sections 212(b), 206(a), 211, 312(b), and 410(g) of the Interstate Commerce Act, and rules and regulations prescribed thereunder (49 CFR Part 1132), appear below:

Each application (except as otherwise specifically noted) filed after March 27, 1972, contains a statement by applicants that there will be no significant effect on the quality of the human environment resulting from approval of the application. As provided in the Commission's special rules of practice any interested person may file a petition seeking reconsideration of the following numbered proceeding on or before April 26, 1973. Pursuant to section 17(8) of the Interstate Commerce Act, the filing of such a petition will postpone the effective date of the order in that proceeding pending its disposition. The matters relied upon by petitioners must be specified in their petitions with particularity.

No. MC-74181. By order of March 13, 1973, the Motor Carrier Board approved the transfer to Container Haulage Corp., Hoboken, N.J., of certificate No. MC-133431 (sub-No. 1), issued August 4, 1970, to Waterfront Transfer Corp., Hoboken, N.J., authorizing the transportation of general commodities, having a prior or subsequent movement by water, between points in the New York, N.Y. commercial zone as defined. George A. Olsen, 69 Tonnele Avenue, Jersey City, N.J. 07306, applicants' practitioner.

No. MC-FC-74212. By order of March 13, 1973, the Motor Carrier Board approved the transfer to Tarrell Transfer, Inc., Platteville, Wis., of the operating rights in certificate No. MC-133086 issued November 20, 1968 to Lynn Tarrell, doing business as Tarrell's Transfer, Platteville, Wis., authorizing the transportation of household goods, as defined by the Commission, between Glen Haven, Wis. and Dubuque, Iowa, serving the intermediate points of Potosi, North Andover, Cassville, and Tennyson, Wis. Nancy J. Johnson, 4506 Regnet Street, Madison, Wis., 53705, attorney for applicants.

No. MC-FC-74241. By order entered March 13, 1973, the Motor Carrier Board approved the transfer to Best Way Freight, Inc., Augusta, Ga., of that portion of the operating rights set forth in certificate No. MC-26088, issued April 7, 1947, to the Sanders Truck Transportation Co., Inc., Augusta, Ga., authorizing the transportation of groceries and hardware, from Augusta, Savannah, and Port Wentworth, Ga., and Charleston, S.C., to Allendale and Charleston, S.C.; syrup, from Cairo and Thomasville, Ga., to Allendale and Charleston, S.C.; lard and lard subsititutes, from Chattanooga, Tenn., and Macon, Ga., to points and places in South Carolina; and canned goods, from Atlanta, Ga., Cheriton and Richmond, Va., and Baltimore, Md., to points and places in South Carolina. William Addams, suite 212, 5299 Roswell Road NE., Atlanta, Ga. 30342, attorney for applicants.

No. MC-FC-74262. By order of March 13, 1973, the Motor Carrier Board approved the transfer to Chizek Elevator & Transport, Inc., Cleveland, Wis., of certificates No. MC-129657 and subs thereunder, issued to Ken McCarville Distributing Co., Inc., Spring Green, Wis., authorizing the transportation of: Malt beverages, between specified points in Missouri, Illinois, and Wisconsin. Michael J. Wyngaard, attorney, 125 West Doty Street, Madison, Wis. 53703.

No. MC-FC-74268. By order of March 13, 1973, the Motor Carrier Board approved the transfer to R. E. Sargent, doing business as Sargent Towing Co., Detroit, Mich., of certificate No. MC-96001, issued August 28, 1968, to the Detroit Towing Service, Inc., Detroit, Mich., authorizing the transportation of: Wrecked or disabled motor vehicles, in towaway service, between points in areas in Michigan, Illinois, and Indiana. Robert A. Sullivan, 1800 Buhl Building, Detroit, Mich. 48226, attorney for applicants.

No. MC-FC-74299. By order of March 13, 1973, the Motor Carrier Board approved the transfer to Riteway Transport, Inc., Phoenix, Ariz., of the operating rights in certificate No. MC-99142 (sub-No. 1) and MC-99142 (sub-No. 3) issued May 14, 1969, and April 29, 1970, respectively, to Cibola Freight Lines, an Arizona corporation, Phoenix, Ariz., authorizing the transportation of general commodities, with exceptions, between specified points and areas in Arizona, Nevada, and California. Robert R. Digby, 2131 West Roosevelt Street, Phoenix, Ariz. 85005, attorney for applicants.

No. MC-FC-74306. By order of March 14, 1973, the Motor Carrier Board approved the transfer to William W. Lacock, doing business as Heritage Tours of Pennsylvania, Lake City, Pa., of license No. MC-12613 (sub-No. 2) and MC-12613 (sub-No. 3) issued February 27, 1964, and May 7, 1964, respectively to Mrs. Ann L. McCartney, doing business as Ann's Travel Service, North Dartmouth, Mass., authorizing it to engage in operations as a broker of passengers and their baggage, in charter

operations, beginning and ending at points in specified counties in Pennsylvania and extending to points in the United States. S. Harrison Kahn, suite 733, Investment Building, Washington, D.C. 20005, attorney for applicants.

[SEAL] ROBERT L. OSWALD, *Secretary.*

[FR Doc.73-6703 Filed 4-5-73;8:45 am]

[Notice 39]

MOTOR CARRIER TEMPORARY AUTHORITY APPLICATIONS

MARCH 27, 1973.

The following are notices of filing of applications[1] for temporary authority under section 210a(a) of the Interstate Commerce Act provided for under the new rules of Ex Parte No.-MC-67 (49 CFR 1131), published in the FEDERAL REGISTER, issue of April 27, 1965, effective July 1, 1965. These rules provide that protests to the granting of an application must be filed with the field official named in the FEDERAL REGISTER publication, within 15 calendar days after the date of notice of the filing of the application is published in the FEDERAL REGISTER. One copy of such protests must be served on the applicant, or its authorized representative, if any, and the protests must certify that such service has been made. The protests must be specific as to the service which such protestant can and will offer, and must consist of a signed original and six copies.

A copy of the application is on file, and can be examined at the Office of the Secretary, Interstate Commerce Commission, Washington, D.C., and also in field office to which protests are to be transmitted.

MOTOR CARRIERS OF PROPERTY

No. MC 51146 (sub-No. 313 TA), filed March 19, 1973. Applicant: Schneider Transport, Inc., P.O. Box 2298, Box ZIP 54306, 2661 South Broadway, Green Bay, Wis. 54304. Applicant's representative: Neil DuJardin (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Canned and preserved foodstuffs, from Iowa City, Iowa, to points in Michigan and Wisconsin, and from Muscatine, Iowa, to points in Wisconsin, for 180 days. Restriction: Restricted to traffic originating at the named origins and destined to the named destinations; and further restricted to traffic originating at the plantsites and storage facilities of Heinz U.S.A. Division at the named origins. Supporting shipper: Heinz, U.S.A., division of H.J. Heinz Co., P.O. Box 57, Pittsburgh, Pa. 15230 (Donald S. Horvath, coordinator, Transportation Field Operations). Send protests to: District Supervisor John E. Ryden, Interstate Commerce Commission, Bureau of Operations, 135 West Wells Street, room 807, Milwaukee, Wis. 53203.

No. MC 54444 (sub-No. 3 TA), filed March 19, 1973. Applicant: Main Express & Storage Co., a corporation, 5938 South 13th Street, Milwaukee, Wis. 53221. Applicant's representative: G. Phillip Beitz (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: General commodities (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), between the Flying Tiger terminal, Milwaukee County, Wis., on the one hand, and, on the other hand, O'Hare Field, Cook County, Ill., for 180 days. Restricted to shipments having a prior or subsequent movement by air, moving under airwaybills issued by the Flying Tiger Line. Supporting shipper: The Flying Tiger Line, Inc., 5938 South 13th Street, Milwaukee, Wis. 53221 (James A. Andrulis, account executive). Send protests to: District Supervisor John E. Ryden, Interstate Commerce Commission, Bureau of Operations, 135 West Wells Street, room 807, Milwaukee, Wis. 53203.

No. MC 64600 (sub-No. 42 TA), filed March 20, 1973. Applicant: Wilson Trucking Corp., P.O. Drawer No. 2, Fishersville, Va. 22939. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Cellulose acetate, in bulk, from Narrows (Celco), Va., to Roanoke, Va., for 180 days. Restricted to traffic having a prior or subsequent movement by rail. Supporting shipper: Celanese Fibers Co., Box 1000, Narrows, Va. 24124. Send protests to: Clatin M. Harmon, district supervisor, Bureau of Operations, Interstate Commerce Commission, 215 Campbell Avenue SW., Roanoke, Va. 24011.

No. MC 110098 (sub-No. 133 TA), filed March 19, 1973. Applicant: Zero Refrigerated Lines, P.O. Box 20380, 1400 Ackerman Road, San Antonio, Tex. 78220. Applicant's representative: T. W. Cothren (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Foodstuffs, pet foods and pet supplies, household buffing and polishing compounds, and commodities, the transportaion of which are partially exempt under section 203(b)(6) of the Interstate Commerce Act, when moving in the same vehicles and at the same time with the commodities above described, from the plantsite of the R. T. French Co., at or near Springfield, Mo., to points in Texas, for 180 days. Supporting shipper: the R. T. French Co., 1 Mustard Street, Rochester, N.Y. 14609. Send protests to: Richard H. Dawkins, district supervisor, Bureau of Operations, Interstate Commerce Commission, 301 Broadway Building, room 206, San Antonio, Tex. 78205.

No. MC 111729 (sub-No. 379 TA), filed March 19, 1973. Applicant: Purolator Courier Corp., 2 Nevada Drive, Lake Success (NHP-PO) N.Y. 11040. Applicant's representative: John M. Delany (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Business papers, records, audit and accounting media of all kinds, and business machines, office equipment and accessories thereto, limited to articles and packages not to exceed 50 pounds from one consignor to one consignee on any one day, between Fort Wayne, Ind., on the one hand, and, on the other, Coldwater, Quincy, Hillsdale, Mich.; and Lancaster, Ohio, for 90 days. Supporting shipper: Essex International, Inc., 1601 Wall Street, Fort Wayne, Ind. 46804. Send protests to: Anthony D. Giaimo, district supervisor, Bureau of Operations, Interstate Commerce Commission, 26 Federal Plaza, New York, N.Y. 10007.

No. MC 113009 (sub-No. 7 TA), filed March 19, 1973. Applicant: L. J. Beal & Son, Inc., a corporation, 212 South Main Street, Brooklyn, Mich. 49230. Applicant's representative: Martin J. Leavitt, 1800 Buhl Building, Detroit, Mich. 48226. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Cement, in bulk, from the plantsite of General Portland, Inc., in Lansing, Mich., to Toledo, Ohio, for 180 days. Supporting shipper: C. Paul Knerr, manager of sales, administration and distribution, General Portland, Inc., 709 Clay Street, Fort Wayne, Ind. 46802. Send protests to: C. R. Flemming, district supervisor, Interstate Commerce Commission, Bureau of Operations, 225 Federal Building, Lansing, Mich. 48933.

No. MC 113362 (sub-No. 255 TA), filed March 19, 1973. Applicant: Ellsworth Freight Lines, Inc., 310 East Broadway, Eagle Grove, Iowa 50533. Applicant's representative: Milton D. Adams, Box 562, Austin, Minn. 55912. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Foodstuffs, frozen meats, and nonedible foods, when moving in vehicles equipped with mechanical refrigerated equipment, from Bettendorf, Iowa, to points in Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin, restricted to shipments originating at the facilities of Terminal Ice & Cold Storage Co., at or near Bettendorf, Iowa, for 180 days. Supporting shippers: Lamb-Weston, Inc., division of Amfac, Inc., P.O. Box 23507, Portland, Oreg. 97223, and Terminal Ice & Cold Storage Co., 1618 Southwest First Avenue, Portland, Oreg. 97201. Send protests to: Herbert W. Allen, transportation specialist, Bureau of Operations, Interstate Commerce Commission, 875 Federal Building, Des Moines, Iowa 50309.

No. MC 113843 (sub-No. 192 TA), filed March 16, 1973. Applicant: Refrigerated Foods Express, Inc., a corporation, 316 Summer Street, Boston, Mass. 02210. Applicant's representative: Lawrence T. Shiels (same address as applicant). Authority sought to operate as a common

[1] Except as otherwise specifically noted, each applicant states that there will be no significant effect on the quality of the human environment resulting from approval of its application.

carrier, by motor vehicle, over irregular routes, transporting: Food and food products (except commodities in bulk), from the plantsite of Estee Candy Co., Inc., at Parsippany, N.J., to points in Illinois, Indiana, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, Ohio, Virginia, West Virginia, Wisconsin, that part of Pennsylvania on and west of U.S. Highway 15, and the District of Columbia, for 180 days. Supporting shipper: Estee Candy Co., Inc., 169 Lackawanna Avenue, Parsippany, N.J. 07054. Send protests to: District Supervisor John B. Thomas, Interstate Commerce Commission, Bureau of Operations, 150 Causeway Street, Boston, Mass. 02114.

No. MC 115162 (sub-No. 266 TA), filed March 19, 1973. Applicant: Poole Truck Line, Inc., P.O. Box 500, Evergreen, Ala. 36401. Applicant's representative: Robert E. Tate (same address as applicant).

Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Such merchandise, as is dealt in by lawn and garden dealers, from the plant and warehouse sites of Deere & Co. in Dodge County, Wis., to points in Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee, for 180 days. Supporting shipper: Deere & Co., John Deere Road, Moline, Ill. 61265. Send protests to: Clifford W. White, district supervisor, Interstate Commerce Commission, Bureau of Operations, room 814, 2121 Building, Birmingham, Ala. 35203.

No. MC 119657 (sub-No. 18 TA), filed March 19, 1973. Applicant: George Transit Line, Inc., a corporation, 760–764 Northeast 47th Place, Des Moines, Iowa 50313. Applicant's representative: Kenneth F. Dudley, P.O. Box 279, Ottumwa, Iowa 52501. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: (1) Paper and polyethylene bags, from Des Moines, Iowa, to points in Illinois, North Dakota, and Wisconsin and (2) building materials, furnishings, equipment, materials, and supplies used in the manufacture, processing, sale, or distribution of homes, buildings, or building sections, from Des Moines, Iowa, to points in Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, and Wisconsin, for 180 days. Supporting shippers: Great Plains Bag Co., 2201 Bell Avenue, Des Moines, Iowa 50321 and Capp Homes, 4721 East 14th Street, Des Moines, Iowa 50313. Send protests to: Herbert W. Allen, transportation specialist, Bureau of Operations, Interstate Commerce Commission, 875 Federal Building, Des Moines, Iowa 50309.

No. MC 125129 (sub-No. 3 TA), filed March 20, 1973. Applicant: R. B. Greene Transportation, Inc., Maple Street, Danielson, Conn. 06239. Applicant's representative: Thomas W. Murreett, 342 North Main Street, West Hartford, Conn. 06117. Authority sought to operate as a contract carrier, by motor vehicle, over irregular routes, transporting: Glass containers, bottles, demijohns or jars, caps, covers, stoppers or tops, fiber board boxes, knocked down or folded, in packages, from Dayville (Killingly), Conn., to points on or east of U.S. Highway 91 in Massachusetts, for 180 days. Supporting shipper: Glass Containers Corp., 114 Penn Avenue, Knox, Pa. 16232. Send protests to: David J. Kiernan, district supervisor, Bureau of Operations, Interstate Commerce Commission, 324 U.S. Post Office Building, 135 High Street, Hartford, Conn. 06101.

No. MC 128133 (Sub-No. 7 TA), filed March 19, 1973. Applicant: H. H. Omps, Inc., Route 5, Box 368, Winchester, Va. 22601. Applicant's representative: Frank B. Hand, Jr., P.O. Box 446, Winchester, Va. 22601. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Poultry and animal feed ingredients, in bulk, from points in Frederick County, Va. (except Winchester, Va.), and Rockingham County, Va.; York and Washington Counties, Pa., points in the Pittsburgh, Pa., commercial zone as defined by the Commission, points in Baltimore and Howard Counties, Md., to points in Frederick County, Va., Washington County, Pa. (except Eightyfour, Pa.), Cumberland County, Pa. (except Camp Hill, Pa., and Mechanicsburg, Pa.), Somerset, York, and Dauphin Counties, Pa., points in the Pittsburgh, Pa., commercial zone as defined by the Commission, points in Moore County, N.C. (except Robbins, N.C.), Baltimore, Md., commercial zone as defined by the Commission, and points in Baltimore, Howard, and Anne Arundel Counties, Md., for 180 days. Supporting shipper: Valley Proteins, Inc., P.O. Box 961, Winchester, Va. 22601. Send protests to: Robert D. Caldwell, district supervisor, Bureau of Operations, Interstate Commerce Commission, 12th Street and Constitution Avenue NW., Washington, D.C. 20423.

No. MC 134224 (Sub-No. 5 TA) (Correction), filed January 30, 1973, published in the FEDERAL REGISTER issue of February 22, 1973, and republished as corrected this issue. Applicant: Hauser Trucking Corp., P.O. Box 241, Cobleskill, N.Y. 12043. Applicant's representative: John J. Brady, 75 State Street, Albany, N.Y. 12207. NOTE: The purpose of this partial republication is to add Morrisville, Pa., as an origin point. The rest of the application remains as previously published.

No. MC 138296 (Sub-No. 1 TA), filed March 19, 1973. Applicant: Vanguard Office Furniture Delivery Inc., 10 Java Street, Brooklyn, N.Y. 11222. Applicant's representative: Arthur J. Piken, One Lefrak City Plaza, Flushing, N.Y. 11368. Authority sought to operate as a contract carrier by motor vehicle, over irregular routes, transporting: New furniture, between the facilities of Vanguard Diversified, Inc., its divisions and subsidiaries in New York, N.Y., on the one hand, and, on the other, points in Alabama, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, West Virginia, Wisconsin, Wyoming, and the District of Columbia, for 180 days. Supporting shipper: Vanguard Diversified, Inc., 10 Java Street, Brooklyn, N.Y. 11222. Send protests to: Marvin Kampel, District Supervisor, Interstate Commerce Commission, Bureau of Operations, 26 Federal Plaza, New York, N.Y. 10007.

No. MC 138498 (sub-No. 1 TA), filed March 19, 1973. Applicant: ASI, Inc., P.O. Box 10444, Jacksonville, Fla. 32207. Applicant's representative: Sol H. Proctor, 2501 Gulf Life Tower, Jacksonville, Fla. 32207. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Baggage, having a prior movement by air, from Jacksonville, Fla., to points in Georgia, for 180 days. Supporting shippers: Eastern Air Lines, Jacksonville, Fla., and Delta Air Lines, Jacksonville, Fla. Send protests to: District Supervisor G. H. Fauss, Jr., Bureau of Operations, Interstate Commerce Commission, Box 35008, 400 West Bay Street, Jacksonville, Fla. 32202.

No. MC 138499 TA, filed March 19, 1973. Applicant: T. E. Martin, doing business as T. E. Martin Mobile Home Transport, P.O. Box 3636, Ludowici, Ga. 31316. Applicant's representative: Richard D. Phillips, P.O. Box 66, Ludowici, Ga. 31316. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Mobile homes and room additions for mobile homes, from points in Tattnall, Appling, Long, Liberty, McIntosh, and Wayne Counties, Ga., to points in Florida, South Carolina, and Alabama, for 180 days. Supporting shippers: Terry's Mobile Homes, P.O. Box 786, Jesup, Ga. 31545, and Woodall's Mobile Homes, Highway 341 South, Baxley, Ga. 31513. Send protests to: District Supervisor G. H. Fauss, Jr., Bureau of Operations, Interstate Commerce Commission, Box 35008, 400 West Bay Street, Jacksonville, Fla. 32202.

No. MC 138500 TA, filed March 19, 1973. Applicant: Industrial Cartage Service, Inc., 588 South Settlemier Street, P.O. Box 160, Woodburn, Oreg. 97071. Applicant's representative: Robert H. Griswold (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Green fresh and salted hides between points in Washington, Oregon, and Idaho, for 180 days. Supporting shippers: Mindel Brokerage Co., P.O. Box 336, Lkea Oswego, Oreg. 97034, and Cahen Trading Co., Inc., P.O. Box 17006, Portland, Oreg. 97217. Send protests to: A. E. Odoms,

district supervisor, Bureau of Operations, Interstate Commerce Commission, 450 Multnomah Building, 319 Southwest Pine Street, Portland, Oreg. 97204.

By the Commission.

[SEAL] ROBERT L. OSWALD, *Secretary.*

[FR Doc.73-6702 Filed 4-5-73;8:45 am]

[Ex Parte No. 241; Rule 19, Exemption 35, Amdt. 1]

NORFOLK SOUTHERN RAILWAY CO.

Exemption Under Provision of Mandatory Car Service Rules

Upon further consideration of exemption No. 35 (Norfolk Southern Railway Co.) issued March 1, 1973 (38 FR 6451; March 9, 1973).

It is ordered, That, under authority vested in me by car service rule 19, exemption No. 35 to the mandatory car service rules ordered in ex parte No. 241 be, and it is hereby, amended to expire April 30, 1973.

This amendment shall become effective March 31, 1973.

Issued at Washington, D.C., March 28, 1973.

INTERSTATE COMMERCE COMMISSION,
[SEAL] LEWIS R. TEEPLE, *Agent.*

[FR Doc.73-6698 Filed 4-5-73;8:45 am]

NORTH STAR COAL CO.

Demurrage and Free Time at Ports

At a session of the Interstate Commerce Commission, Division 3, acting as an appellate division, held at its office in Washington, D.C., on the 30th day of March 1973.

Upon consideration of the petition filed by the North Star Coal Co. on March 21, 1973, requesting an exception to service order No. 1121.

It appearing, that service order No. 1121 was issued by Division 3 in accordance with applicable law and upon its determination that an emergency exists because of an acute shortage of freight cars in all sections of the country; that the petitioner has had ample opportunity to review its operations to avoid the excessive detention of freight cars; that numerous cars are held idle at ports for excessive periods awaiting loading or unloading; and that the petition states no errors of fact or law warranting the relief sought, and for good cause appearing;

It is ordered, That the petition be, and it is hereby, denied.

By the Commission, division 3, acting as an appellate division.

[SEAL] ROBERT L. OSWALD, *Secretary.*

[FR Doc.73-6700 Filed 4-5-73;8:45 am]

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FRIDAY, APRIL 6, 1973
WASHINGTON, D.C.

Volume 38 ▪ Number 66

PART II

ENVIRONMENTAL PROTECTION AGENCY

▪

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS

Asbestos, Beryllium, and Mercury

Title 40—Protection of Environment

CHAPTER 1—ENVIRONMENTAL PROTECTION AGENCY

SUBCHAPTER C—AIR PROGRAMS

PART 61—NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS

Asbestos, Beryllium, and Mercury

On March 31, 1971 (36 FR 5931), pursuant to section 112 of the Clean Air Act, as amended, the Administrator published an initial list of three hazardous air pollutants which, in his judgment may cause, or contribute to, an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness. The pollutants were asbestos, beryllium, and mercury. On December 7, 1971 (36 FR 23239), the Administrator proposed standards for these pollutants.

Interested persons participated in the rulemaking by giving testimony at public hearings and by sending comments to EPA. Public hearings were held in New York City on January 18, 1972, and in Los Angeles on February 15 and 16, 1972. A third hearing, scheduled to be held in Kansas City, on February 1, 1972, was canceled because of a lack of requests to participate. Sixty-eight persons gave testimony at the public hearings, and 56 persons sent comments to EPA. Represented were industries, universities, governmental agencies—Federal, State, and local, and environmental groups. Copies of the public hearing records are available at all EPA Regional Offices and at the Division of Stationary Source Enforcement, room 3220, 401 M Street SW., Washington, D.C. 20460, where copies of the comments received are also available.

The bases for the Administrator's determinations that asbestos, beryllium, and mercury are hazardous, the derivations of the standards now adopted, the Environmental Protection Agency's responses to the significant comments received, and the principal revisions to the proposed standards are summarized below. A more detailed statement is available on request from the Emission Standards and Enginering Division, Environmental Protection Agency, Research Triangle Park, N.C. 27711, Attention: Mr. Don Goodwin. In addition, the Administrator is issuing information on control techniques for asbestos, beryllium, and mercury as directed by section 112(b)(2) of the act. Copies of these documents may be obtained free of charge from EPA Regional Offices.

ASBESTOS

Asbestos is a hazardous air pollutant within the meaning of section 112. Many persons exposed to asbestos dust developed asbestosis when the dust concentration was high or the duration of exposure was long (*1–7*). A large number of studies have shown that there is an association between occupational exposure to asbestos and a higher-than-expected incidence of bronchial cancer (*8–30*). Asbestos also has been identified as a causal factor in the development of mesotheliomas, cancers of the membranes lining the chest and abdomen (*30–47*). There are reports of mesothelioma associated with nonoccupational exposures in the neighborhood of asbestos sources (*38, 42, 47, 48*). An outstanding feature has been the long period, commonly over 30 years, between the first exposure to asbestos and the appearance of a tumor (*49, 50*). There is evidence which indicates that mesothliomas occur after much less exposure to asbestos dust than the exposure associated with asbestos (*51, 52*).

It is not practicable, at this time, to establish allowable numerical concentrations or mass emission limits for asbestos. Satisfactory means of measuring ambient asbestos concentrations have only recently been developed, and satisfactory means of measuring asbestos emissions are still unavailable. Even if satisfactory means of measuring asbestos emissions did exist, the previous unavailability of a satisfactory means of measuring ambient levels of asbestos makes it impossible to estimate even roughly the quantitative relationship between asbestos-caused illness and the doses which caused those illnesses. This is a major problem, since some asbestos caused illnesses have a 30-year latency period.

EPA considered the possibility of banning production, processing, and use of asbestos or banning all emissions of asbestos into the atmosphere, but rejected these approaches. The problem of measuring asbestos emissions would make the latter approach impossible to enforce. Either approach would result in the prohibition of many activities which are extremely important; moreover, the available evidence relating to the health hazards of asbestos does not suggest that such prohibition is necessary to protect public health. For example, demolition of any building containing asbestos fireproofing or insulating materials would have to be prohibited as would the use of materials containing even trace amounts of asbestos which could escape into the atmosphere.

Finally, the available evidence suggests a gradient of effects from direct occupational, to indirect occupational exposure, to families of workers exposed to asbestos and persons in the neighborhood of asbestos sources—in all of which situations asbestos concentrations are undoubtedly high by comparison with most community air. This suggests that there are levels of asbestos exposure that will not be associated with any detectable risk, although these levels are not known (*53*).

It is probable that the effects of asbestos inhalation are cumulative; that is, low-level and/or intermittent exposure to asbestos over a long time may be equally as important in the etiology of asbestotic disease as high level and/or continuous exposure over a shorter period. On the other hand, the available evidence does not indicate that levels of asbestos in most community air cause asbestotic disease. Taking both these considerations into account, the Administrator has determined that, in order to provide an ample margin of safety to protect the public health from asbestos, it is necessary to control emissions from major man-made sources of asbestos emissions into the atmosphere, but that it is not necessary to prohibit all emissions.

In this determination, the Administrator has relied on the National Academy of Sciences' report on asbestos (*53*), which concludes: "Asbestos is too important in our technology and economy for its essential use to be stopped. But, because of the known serious effects of uncontrolled inhalation of asbestos minerals in industry and uncertainty as to the shape and character of the dose-response curve in man, it would be highly imprudent to permit additional contamination of the public environment with asbestos. Continued use at minimal risk to the public requires that the major sources of man-made asbestose emission into the atmosphere be defined and controlled."

The means of control used are limitations on visible emissions with an option in some cases to use designated control equipment, requirements that certain procedures be followed, and prohibitions on the use of certain materials or of certain operations. These means of control are required because of the impossibility at this time of prescribing and enforcing allowable numerical concentrations or mass emission limitations known to provide an ample margin of safety. The alternative of no control of the sources subject to this standard was rejected because of the significant health hazard of unregulated emissions of asbestos into the atmosphere from the designated major sources.

It is the Administrator's judgment that the asbestos sources subject to this standard are the major sources of asbestos emissions. In the absence of quantitative emission data, the Administrator's judgment was based on an national inventory of sources and emissions of asbestos (*54*) and other reports (*53, 55*). The asbestos emissions and emission factors presented in the national inventory were based on information obtained from production and reprocessing companies. This information included production figures, estimates of control equipment efficiency and material balances; it did not include emission test results. The major sources of asbestos emissions were considered to fall into five categories: (1) Mining and milling; (2) manufacturing; (3) fabrication; (4) demolition; and (5) spraying. In determining which of these major sources should be covered by the standard promulgated herein, the Administrator considered the effect other Federal regulations will have on the emissions from such sources and the proximity of such sources to the public. In addition, the Administrator considered comments on the proposed standard and additional technical data not available before proposal. The following paragraphs explain these considerations and the changes made to the standard between proposal and final promulgation.

The promulgated standard applies to asbestos mills, selected manufacturing operations, the use of spray-on asbestos

References at end of article.

materials, demolition operations, and the surfacing of roadways with asbestos tailings. The Administrator will continue to investigate other existing and new sources of asbestos emission and if any of them are found to be major sources, the standard will be revised to cover them.

As applied to mines, the proposed standard would have limited the emissions from drilling operations and prohibited visible emissions of particulate matter from mine roads surfaced with asbestos tailings. The Bureau of Mines has prescribed health and safety regulations (30 CFR 55.5) for the purpose of protecting life, the promotion of health and safety, and the prevention of accidents in open pit metal and nonmetallic mines. As related to asbestos mines, these regulations prohibit persons working in a mine from being exposed to asbestos concentrations which exceed the threshold limit value adopted by the American Conference of Governmental Industrial Hygienists. The regulations specify that respirators shall not be used to prevent persons from being exposed to asbestos where environmental measures are available. For drilling operations, the regulations require that the holes be collared and drilled wet. The regulations recommend that haulage roads, rock transfer points, crushers, and other points where dust (asbestos) is produced sufficient to cause a health or safety hazard be wetted down as often as necessary unless the dust is controlled adequately by other means. In the judgment of the Administrator, implementation of these regulations will prevent asbestos mines from being a major source which must be covered by the standard promulgated herein. Furthermore, the public is sufficiently removed from the mine work environment that their exposure should be significantly less than that of the workers in the work environment. Accordingly, the promulgated standard does not apply to drilling operations or roadways at mine locations.

For asbestos mills, the proposed standard would have applied to ore dumps, open storage areas for asbestos materials, tailings dumps, ore dryers, air for processing ore, air for exhausting particulate material from work areas, and any milling operation which continuously generates inplant visible emissions. The promulgated standard prohibits visible emissions from any part of the mill, but it does not apply to dumps of asbestos tailings or open storage of asbestos ores. The Bureau of Mines' regulations previously referenced and regulations issued by the Occupational Safety and Health Administration (20 CFR 1910.93a) protect workers from the hazards of air contaminants in the work environment. The Occupational Safety and Health Administration regulations were promulgated on June 7, 1972. The regulations are intended to protect the health of employees from asbestos exposure by means of engineering controls (i.e. isolation, enclosures, and dust collection) rather than by personal protective equipment. It is the judgment of the Administrator that measures taken to comply with the Bureau of Mines and Occupational Safety and Health Administration regulations to protect the health of persons who work in proximity to dumps and open storage areas will prevent the dumps and storage areas from being major sources of asbestos emissions.

The proposed standard would have applied to buildings, structures, or facilities within which any fabricating or manufacturing operation is carried on which involves the use of asbestos materials. Comments received on the proposed standard indicated that the requirements for fabricating and manufacturing operations were confusing. Much of the confusion was created by the use of terms such as "any," "continuously," and "forced gas streams." The promulgated standard is more definitive as to applicability of the provisions. The promulgated standard prohibits visible emissions from the nine manufacturing operations which, in the judgment of the Administrator, are major sources of asbestos. The promulgated standard does not cover fabrication operations. Of all fabrication operations, only those operations at new construction sites are considered to be major sources of asbestos emissions. The Occupational Safety and Health Administration regulations specify that all hand- or power-operated tools (i.e. saws, scorers, abrasive wheels, and drills) which produce asbestos dust be provided with dust collection systems. In the judgment of the Administrator, implementation of these regulations will prevent fabrication operations from being a major source which must be covered by the standard promulgated herein.

The proposed standard would have prohibited visible emissions of asbestos particulate material from the repair or demolition of any building or structure other than a single-family dwelling. Comments indicated that the no visible emission requirement would prohibit repair or demolition in many situations, since it would be impracticable, if not impossible, to do such work without creating visible emissions. Accordingly, the promulgated standard specifies certain work practices which must be followed when demolishing certain buildings or structures. The standard covers institutional, industrial, and commercial buildings or structures, including apartment houses having more than four dwelling units, which contain friable asbestos material. This coverage is based on the National Academy of Sciences' report (53) which states, "In general, single-family residential structures contain only small amounts of asbestos insulation. Demolition of industrial and commercial buildings that have been fireproofed with asbestos-containing materials will prove to be an emission source in the future, requiring control measures." Apartment houses with four dwelling units or less are considered to be equivalent to single-family residential structures. The standard requires that the Administrator be notified at least 20 days prior to the commencement of demolition.

The proposed standard would have limited emissions from a number of sources by stipulating that such emissions could not exceed the amounts which would be emitted from the source if the source were equipped with a fabric filter, or, in some cases, a wet-collection air-cleaning device. This would have required a standardized emission-measuring technique, which is not currently available. The promulgated standard prohibits visible emissions which contain asbestos and provides the option of using specified air-cleaning methods. The existence of particulate asbestos material in a gas stream vented to the atmosphere can be determined by collecting a sample on a filter and analyzing it by microscopy techniques. The proposed standard stated that the air-cleaning requirement would not be met if a number of listed faults, e.g., broken bags, leaking gases, threadbare bags, existed and it required that collection hoppers on some baghouses be emptied without generating visible emissions. Comments received suggested that this negative approach tended to make the quality of air-cleaning operations dependent upon the ability of EPA to anticipate and to include in the standard all the factors which would constitute improper methods. Since the intent was, and is, to require high quality air-cleaning operations, the promulgated standard requires proper installation, use, operation, and maintenance without precisely defining the means to be used.

The proposed standard would have prohibited the spraying of any material containing asbestos on any portion of a building or structure, prohibited the spraying of any material containing asbestos in an area directly open to the atmosphere, and limited emissions from all other spraying of any material containing asbestos to the amount which would be emitted if specified air-cleaning equipment were used. Comments received pointed out that this standard would: (1) Prohibit the use of materials containing only the trace amounts of asbestos which occur in numerous natural substances, (2) prohibit the use of materials to which very small quantities of asbestos are added in order to enhance their effectiveness, and (3) prohibit the use of materials in which the asbestos is strongly bound and which would not generate particulate asbestos emissions. The promulgated standard applies to those uses of spray-on asbestos materials which could generate major emissions of particulate asbestos material. For those spray-on materials used to insulate or fireproof buildings, structures, pipes, and conduits, the standard limits the asbestos content to no more than 1 percent. Materials currently used contain from 10- to 80-percent asbestos. The intent of the 1-percent limit is to ban the use of materials which contain significant quantities of asbestos, but to allow the use of materials which would: (1) Contain trace amounts of asbestos which occur in numerous natural substances, and (2) include very small quantities of asbestos (less than 1 percent) added to enhance the material's effectiveness. Although a

standardized reference method has not been developed to quantitatively determine the content of asbestos in a material, there are acceptable methods available, based on electron microscopy, which independent laboratories have developed. Determining the asbestos content of a material with these methods costs approximately $300, and the results are accurate within plus or minus 50 percent; these limits on accuracy were taken into account in establishing the 1-percent limitation.

The proposed standard would have prohibited the surfacing of any roadway with asbestos tailings. The promulgated standard applies to all roadways except those on ore deposits; these roadways are temporary, and control measures taken to comply with the Bureau of Mines regulations prevent them from being a major source which must be covered by the standard promulgated herein. At this time, the application of asbestos tailings to public roadways is not widely practiced, but because of the close proximity of roads to the public, a ban on using asbestos tailings on roadways is included in the promulgated standard to avoid a future problem and stop the practice where it is followed. The term "surfacing" is defined to include the deposit of asbestos tailings on roadways covered with snow or ice; therefore, this practice is prohibited.

Consideration was given to including provisions in the standard requiring proper disposal of the asbestos material generated during demolition and collected in control devices used to comply with the requirements of this standard. It was decided that this was not necessary because the Occupational Safety and Health Administration regulations (29 CFR 1910.93a(h)) include housekeeping and waste disposal requirements. These regulations require that any asbestos waste, consigned for disposal, be collected and disposed of in sealed impermeable bags or other closed, impermeable containers.

The potential environmental impact of the promulgated standard was evaluated, and it was concluded that the standard will not cause any adverse effects. The potentially adverse environmental effects of the standard are:

(1) The asbestos-materials which will be collected in control devices and generated during demolition will have to be disposed of or recycled.

(2) Materials, such as mineral wool, ceramic wool, and fiberglass, will be substituted for asbestos presently contained in spray-applied fireproofing and insulating materials.

In some manufacturing operations, a major portion of the asbestos-material collected by fabric filters is either recycled to the process or is marketed for other uses. For example, one asbestos textile mill recycles large quantities of longer-fiber asbestos for process use and sells more than 90 percent of the remaining collected materials to a brake lining manufacturer. Consequently, a significant portion of the increased quantities of "waste" asbestos materials which will result from the implementation of the standard will not require disposal. Where disposal is required, the Occupational Safety and Health Administration regulations (29 CFR 1910.93a(h)) require that any asbestos waste, consigned for disposal, be collected and disposed of in sealed impermeable bags or other closed, impermeable containers. The contamination of ground water supplies with asbestos from landfill disposal is not considered a potential problem.

The substitution of ceramic wool, mineral wool, and fiberglass for asbestos is not now known to be a problem. There is no evidence that these materials cause health effects in the concentrations found in occupational or ambient environments.

Although the standard was not based on economic considerations, EPA is aware of the impact (*55*) and considers it to be reasonable. Costs among the various sources covered by the standard are quite variable. Although the standard may adversely affect some individual plants or companies which are marginal operations, it appears that such effects will be minimal and the impact to the asbestos industries as a whole will not be large.

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BERYLLIUM

Beryllium is a hazardous air pollutant within the meaning of section 112. The proven effects of airborne beryllium materials on human health include both acute and chronic lethal inhalation effects (*1, 2*), as well as skin and conjunctival effects (*2*). Insufficient data are available to incriminate beryllium as a human carcinogen (*1, 2*), but the lack of of any mechanism for the total elimination of beryllium body burdens, and the resulting possibly long residence time may enhance the opportunity for cancer induction. The Beryllium Registry now contains over 820 proven cases of beryllium-related disease (*3*), but since many of these were most likely due to exposure prior to the institution of controls, proper assessment of the period of exposure is not always possible (*1, 2*); it is known, however, that chronic beryllium disease is associated not only with activities involving extraction processes, but also that 64 registry cases resulted from exposure during machining operations on beryllium materials (*3*). There are at least 45 cases of nonoccupationallyincurred diseases on file with the registry, of which approximately half have been fatal (*3*), and retrospective studies of the concentrations of beryllium that resulted in some cases of chronic beryllium disease from nonoccupational exposure have concluded that the lowest concentration which produced disease was greater than 0.01 $\mu g/m^3$ and probably less than 0.10 $\mu g/m^3$ (*4*).

References at end of article.

In 1949, when it became apparent that beryllium was a toxic material, the Atomic Energy Commission adopted a limit for beryllium concentrations in community air (i.e., 0.01 μg of beryllium per cubic meter of air averaged over a 30-day period) (*2*). Beryllium refining companies holding contracts with the AEC to operate AEC-owned refinery facilities and expand their own refinery capacity to meet AEC's beryllium requirements, were required to observe the community air limit. With the termination of these contracts in the 1961–63 period due to a reduction in AEC requirements for beryllium, the refineries were no longer subject to the AEC community air limit. The AEC's health and safety requirements, however, have continued to apply to all AEC-owned facilities, some of which fabricate and assemble beryllium parts.

In the period since the implementation of the AEC guideline, no reported cases of chronic beryllium disease have occurred as a result of community exposure, and the Committee on Toxicology of the National Academy of Sciences concluded that the AEC guideline limit represents a safe level of exposure (*1*).

Accordingly, the Administrator has determined that in order to provide an ample margin of safety to protect the public health from beryllium, sources of beryllium dust, fume, or mist emissions into the atmosphere should be controlled to insure that ambient concentrations of beryllium do not exceed 0.01 $\mu g/m^3$—30-day average.

The beryllium standard covers extraction plants, foundries, ceramic manufacturing plants, machine shops (processing beryllium or beryllium alloys containing in excess of 5 percent beryllium) and disposal of beryllium-containing wastes. Most affected beryllium sources are limited to emissions of not more than 10 grams per day. This level was determined through dispersion estimates as the level which would protect against the occurrence of 30-day average ambient concentrations exceeding 0.01 $\mu g/m^3$. The sources covered by the standard are the only known ones that could result in ambient beryllium concentrations in excess of 0.01 $\mu g/m^3$. The assumptions and equations used to make the dispersion estimates are given in the Background Information Report for Asbestos, Beryllium, and Mercury (APTD-0753), published at the time the standards were proposed.

Rocket testing facilities are required to meet the limit of 75 microgram-minutes per cubic meter, accumulated during any period of 2-consecutive weeks. The limit for rocket testing facilities is the same as that developed in 1966 by the Committee on Toxicology of the National Academy of Sciences for protection of off-site personnel from intermittent exposures to soluble beryllium compounds arising from the firing of rocket motors (*1*).

The proposed standard did not include a provision on open burning of beryllium-containing waste. The promulgated standard includes a ban on open burning of beryllium-containing waste. This change was made because information received after proposal indicated that such sources can cause ambient concentrations of beryllium in excess of 0.01 $\mu g/m^3$ and because it is not possible to control the emissions from open burning. The promulgated standard does allow disposal of beryllium-containing waste in incinerators which are controlled so as not to exceed the 10-gram-per-day limit. The disposal of beryllium-containing explosive waste is included in the standard covering rocket testing.

The proposed standard would have covered all machining operations which use alloys containing any amount of beryllium. Comments were received which claimed that numerous machining operations use alloys containing low concentrations of beryllium and do not exceed the 10-gram-per-day emission limitation. An investigation of these comments revealed that alloys which include beryllium either contain a large amount (greater than 60 percent) or a small amount (less than 5 percent), and that approximately 8,000 machining operations use the low beryllium content alloys. Tests were conducted by the Agency to determine the beryllium emissions from the operations which use the low beryllium content alloys (e.g. stamping, tube drawing, milling, and sawing). The results indicated that even if the emissions were vented to the outside air, which they ordinarily are not, they would be significantly below the 10-gram-per-day emission limitation. After considering these results and the administrative burden if the standard applied to such a large number of sources, the proposed standard was changed to exempt the machining operations which use alloys containing less than 5-percent beryllium.

The proposed standard would have allowed all sources of beryllium to choose between meeting the 10-gram-per-day emission limit and complying by use of ambient monitoring to insure that the 0.01 $\mu g/m^3$ 30-day average is never exceeded. After reconsidering the proposed standard and the difficulty inherent in using ambient air quality data, as opposed to emission data, as a regulatory tool, it was decided to limit the use of ambient data as a means of compliance

to those sources which have demonstrated over a reasonable past period that they can meet and have met the ambient limitation. Therefore, the standard being promulgated herein allows the ambient option only to existing sources which have 3 years of current ambient air quality data which demonstrate to the Administrator's satisfaction that the 0.01 $\mu g/m^3$ level can be met in the vicinity of the source. A minimum of 3 years of data was judged to be necessary to demonstrate that the ambient guideline of 0.01 $\mu g/m^3$ (30-day average) can be met because of the possibility of monthly, seasonal, and even annual variations in ambient levels caused by variations in meteorology and production. The existing sources which could qualify or this option are four beryllium extraction plants and, possibly, a small number of machine shops. These sources were designed or modified to facilitate compliance with the 0.01 $\mu g/m$ ambient limit.

The potential environmental impact of this standard was evaluated and it was concluded that the standard will not cause any adverse effects. Beryllium is a very expensive material, and most gas streams emitting significant quantities of beryllium are controlled with high efficiency dry collectors, and the collected material is recycled or sold back to the primary producers. Wet collectors are rarely used strictly as an air pollution control device, but more often as an extraction process control device allowing recycle of waste liquids to the process. Absolute filters are often used as final filters and collect small quantities of beryllium from very low concentration gas streams. These filters are usually buried in company owned or segregated dumps or stored in unused mines or buildings. Most of the solid wastes are prepackaged prior to burial to prevent escape of beryllium to the environment.

Although the standard is not based on economic considerations, EPA is aware of the economic impact (*5*) of the standard. Since most of the sources of beryllium emissions are already controlled and in compliance with the standard, the economic impact will be very small.

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MERCURY

Mercury is a hazardous air pollutant within the meaning of section 112. Exposure to metallic mercury vapors may cause central nervous system injury, and renal damage (*1, 3*). Experience with mercury vapor comes almost exclusively from animal experiments and industrial exposures. Animal (rat) data indicate a risk of accumulation in critical systems upon prolonged exposure, with a potential, for example, for selective brain damage (*2, 3*). Prolonged exposure to about 100 micrograms mercury per cubic meter of air involves a definite risk of mercury intoxication (*3*).

To determine the ambient air level of mercury that does not impair health, the airborne burden must be considered together with the water- and food-borne burdens. An expert group concluded, based on its analysis of several episodes of mercury poisoning in Japan, that 4 micrograms of methylmercury per kilogram of bodyweight per day would result in the intoxication of a sensitive adult; application of a safety factor of 10 yielded an acceptable exposure of about 30 micrograms per day for a 70-kilogram man, and this level is also believed to provide satisfactory protection against genetic lesions, and poisoning of the fetus and of children (*4*).

It should be noted that methylmercury is considered to be by far the most hazardous mercury compound, particularly via the ingestion of fish in which it has been concentrated through the food chain, (*3, 5*). The Environmental Protection Agency, in view of the present limited knowledge as to the effects of inhaled mercury in the general population, and in order to best assure the requisite "ample margin of safety to protect the public health," has concluded that it is prudent to consider exposures to methylmercury (diet) and mercury vapor (air) to be equivalent and additive. It has been estimated that from average diets, over a considerable period, mercury intakes of 10 micrograms per day may be expected (*6*), so that, in order to restrict total intake to 30 micrograms per day, the average mercury intake from air would have to be limited to 20 micrograms per day. Assuming inhalation of 20 cubic meters of air per day, the air could contain an average daily concentration of no more than 1 microgram of mercury per cubic meter.

The standard promulgated herein regulates the only two sources, mercury ore processing facilities and mercury cell chlor-alkali plants, which have been found to emit mercury in a manner that could cause the ambient concentration to exceed the inhalation effects limits of 1 microgram per cubic meter. The standard limits emissions from these facilities to not more than 2,300 grams per day. The emission limit of 2,300 grams per day was derived from dispersion estimates as the level which would protect against the violation of an average daily ambient concentration of 1 microgram per cubic meter. The assumptions and equations used to make the dispersion estimates are given in the Background Information Report for Asbestos, Beryllium, and Mercury (APTD-0753), published at the time the standards were proposed.

Many mercury cell chlor-alkali plant cell rooms present severe source testing problems due to their design and construction. Such sources may either reconstruct the cell room so that accurate source tests can be made or employ housekeeping and maintenance practices that minimize mercury emissions from the cell room. Source test data and calculations have indicated that when such practices are used, 1,300 grams per day is a reasonable estimate of emissions from the cell room. Therefore, when this option is chosen, an emission of 1,300 grams per day will be assigned to the cell room. This permits emissions of not more than 1,000 grams per day from the hydrogen and end box ventilation streams combined.

Compliance with the standard will be determined by the EPA reference method or EPA-approved substitute methods. Where a chlor-alkali plant chooses the housekeeping and maintenance practices option, determination of compliance of the cell room emission will be based on the use of EPA-approved practices. A list of approved practices may be obtained from EPA on request to regional offices.

The only major change in the mercury standard is the introduction of the above option of assigning an emission number to the cell room provided certain housekeeping and maintenance requirements are met. When this option is chosen, testing is not required for emissions from the cell room. This option is offered because comments, testimony, and EPA source testing experience indicated that most existing cell rooms cannot be accurately tested for mercury emissions. Accurate emission tests are unduly complicated and costly because of the cell room configuration.

Some of the changes suggested in written comments and public hearing testimony were considered by EPA but not made. The most significant one involved the environmental chemistry of mercury, that is, environmental mercury in the atmosphere is transformed to mercuric oxide by the action of ultraviolet radiation, and since mercuric oxide is not as toxic as elemental mercury, the standard should be less stringent. This argument is based on laboratory experiments under controlled conditions with generated radiation. The reaction cited in the testimony occurs when elemental mercury is irradiated with ultraviolet light with a wavelength of 2,537 angstrom (A). Naturally occurring ozone in the upper atmosphere absorbs light in the ultraviolet region below 3,000 A; (*7*) hence the wavelength of ultraviolet necessary for the reaction is absent in the ambient atmosphere, and the reaction does not proceed at as high a rate as implied by the submitted testimony. Field measurements of both mercury vapors and particulate mercury in ambient air indicate that as much as 96 percent of the mercury de-

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tected was in an elemental vapor form (data collected by EPA at the Federal Building in Moundsville, W. Va.).

The Environmental Protection Agency recognizes that mercury and its compounds constitute a multimedia contapounds constitute a multimedia contamination problem, i.e., strong evidence alter its natural distribution in the environment; that such uses may cause or hasten additional deposits into water or soil over and above those occurring naturally, thereby building up environmental concentrations; and the mercury levels accumulate in the biota, with the result that potentially dangerous residue levels are reached in foods consumed by man and animals.

Current data on the environmental transport of mercury do not permit a clear assessment of the effect of mercury emissions into the atmosphere on the mercury content in the aquatic and terrestrial environments. Results of ongoing research will determine if there is a need for more comprehensive control of mercury emissions into the air. The standard promulgated herein is intended to protect the public health from the effects of inhaled mercury.

The environmental impact of this standard was evaluated and it was concluded that the standard will not cause any adverse effects since the control of mercury emissions to the atmosphere will have only minimal impact on other areas of environmental concern. The simplest control for mercury emissions to the atmosphere is cooling to condense the mercury. This cooling can be indirect or direct. By indirect cooling, the mercury condenses and is retained for recycle or sale. By direct cooling with a water scrubber, the water is usually recirculated after using centrifugal or gravitational separation to remove the mercury. The water cannot be reused indefinitely and eventually requires additional treatment to remove the mercury. In most cases, such treatment facilities are already being utilized to meet water quality standards.

A widely used control device for particulate mercury emissions is the mist eliminator. Residues in these devices are removed by gravity and washing with a recycled liquid. Another control method is chemical scrubbing. In this system, scrubbing liquids are continuously made up while waste materials are usually recycled to the process feed solutions. Recycling of these liquids avoids significant contamination of water with mercury residues.

The use of adsorption beds is a highly efficient control method for removing mercury from gas streams. Two primary types are available: (1) Chemically treated activated carbon beds, and (2) molecular sieves. Most of the mercury collected by activated carbon can be reclaimed by retorting the carbon but this usually destroys the carbon structure and necessitates disposal. Some small amount of residual mercury will remain with the carbon, but it is tightly bound and is not easily transferred into the air or water. Regenerative molecular sieves do not cause a waste disposal problem because the sieves can be regenerated in place without retorting and can be reused many times.

Although the standard was not based on economic considerations, EPA is aware of the impact (*8*) and considers it to be reasonable. Because mercury is an international commodity, world prices determine the fortunes of the domestic mercury mining industry. Historically, mercury prices fluctuate greatly in response to small changes in demand or supply. Domestic mercury mines are considered high-cost producers in relation to foreign producers. Because the average price has dropped from $404 per flask in 1969 to approximately $320 currently, the number of domestic mercury mines in operation has dropped sharply from 109 in 1969 to six or seven in March 1973. As long as the price of mercury remains below marginal costs of production (generally about $400), the remaining domestic mines will be ill equipped to absorb any cost increases.

The total chlor-alkali industry comprises 68 plants. Approximately 28 are mercury cell plants and account for about 27 percent of the U.S. production of chlorine and caustic.

The future of the chlorine-caustic industry appears healthy. Demand for chlorine is expected to grow at an annual rate of 6 percent projected from 1971. Demand for caustic soda will grow at least at the same rate as chlorine, and perhaps faster. Prices for chlorine and sodium hydroxide have been rising steadily through the sixties into 1971. Based on these trends, the cost of control to comply with the mercury standard will be passed forward to the consumer. Use of these two basic commodities is so diverse that any price increases will be well dispersed through all manufacturing activities.

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GENERAL PROVISIONS

The standards promulgated below are applicable to new, modified, and existing sources. Any new or modified source must comply with the standards upon beginning operation. Any existing source must comply with the standards within 90 days after promulgation, unless a waiver of compliance is granted.

After considering the proposed general provisions and the comments received on them, the Administrator made several changes which are included in the standards promulgated below. A new section was added to specifically require new stationary sources to notify the Administrator before beginnning operation. The requirements for source reporting and request for waiver of compliance were combined into one section. The time for submitting the source report was extended from 30 to 90 days to provide sources with more time to complete the information required. Appendix A was added to provide sources a description and format of the information required.

The proposed standards required all sources of mercury and beryllium to test their emissions within 3 months of the effective date and at least once every 3 months thereafter; a provision was included to allow the Administrator to waive the periodic tests for sources in compliance with a standard. The standards promulgated below require the initial test within 90 days of the effective date and include a provision to allow the Administrator to waive this requirement if the source is meeting the standard or has requested a waiver of compliance. Periodic tests are not required unless specifically requested by the Administrator. The Administrator may cancel a waiver of emission tests and may require a test under the authority of section 114 of the Act at any time. Appendix A specifies the information which a source must provide the Administrator when applying for a waiver of initial emission testing.

The standards promulgated below do not require the owner or operator to request a waiver of compliance before a specific date. However, the owner or operator should submit the request within 30 days after the effective date of the regulation to be assured that action will be taken on the waiver application prior to the 90th day after the effective date. Continued operation in excess of a standard after the 90th day without a waiver is a violation of the act.

The Administrator may grant an existing source a waiver, permitting a period of up to 2 years for compliance, provided that steps will be taken during the waiver period to assure that the health of persons will be protected from imminent endangerment and provided that such period is necessary for the installation of controls. To be granted a waiver of compliance, a source must submit a written request to the Administrator and provide certain information to assist the Administrator in making a judgment.

Within 60 days after receiving a request, the Administrator will notify the owner or operator of approval or intention to deny the waiver. Any waiver of compliance granted by the Administrator will be in writing and specify conditions the source must meet during the waiver period. If the Administrator intends to deny a request, the owner or operator will be given a specified time to provide additional information or arguments prior to final action on the request. Final action on a request will be in writing by the Administrator, and if denied, will include reasons for denial.

The President may exempt any new, modified, or existing stationary source from compliance with the standards for a period of up to 2 years, provided the technology is not available to implement the standards and the operation of such source is required for reasons of national security. Also, the President may grant exemptions for additional periods of 2 years or less.

The construction of a new source or modification of an existing source covered by these standards cannot begin without approval of the Administrator. To obtain approval, the owner or operator of such sources must apply in writing to the Administrator. Within 60 days, the Administrator will notify the owner or operator of approval or intention to deny approval. If the Administrator intends to deny approval, a specified time will be given to provide additional information or arguments prior to final action on the application. The final action on any application will be in writing by the Administrator, and if denied, will include the reasons for denial.

Although the demolition of buildings or structures containing asbestos material and the spraying of asbestos material will in many cases be modifications of existing stationary sources, the Administrator's approval is not required before beginning such operations. Section 112(c)(1) of the act specifies that no person may construct any new source or modify any existing source "* * * unless the Administrator finds that such source if properly operated will not cause emissions in violation of such standard." The demolition and spraying provisions are expressed in terms of procedures to be followed. Therefore, if the source is properly operated, it will be complying with the standard, and there is no need for the Administrator to make a finding with respect to each new source subject to these provisions.

Each source covered by these standards is required to submit to the Administrator within 90 days after promulgation certain information pertaining to its operation. Changes in the information must be submitted within 30 days after the change, except where the change is considered a modification. Then the requirements for a modified source are applicable.

Three terms are associated with determining compliance by means of source testing: (1) Reference method, (2) equivalent method, and (3) alternative method. Reference methods are the preferred methods of sampling and analyzing used to determine compliance. The reference methods for beryllium and mercury are included in appendix B to this part. An equivalent method is any method of sampling and analyzing which has been demonstrated to the Administrator's satisfaction to have a consistent and quantitatively known relationship to the reference method under specified conditions. An alternative method is any method of sampling and analyzing which does not meet all the criteria for equivalency but which can be used in specific cases to determine compliance. Alternative methods may be approved by the Administrator for source testing; however, in cases where determinations of compliance using an alternative method are disputed, use of the reference method or its equivalent will be required by the Administrator. An approved alternative method for beryllium is included in appendix B hereto.

All emission data provided to or obtained by the Administrator in carrying out these regulations will be available to the public. Records, reports, or information other than trade secrets will be available to the public.

Pursuant to section 112(d)(1) of the act, the Environmental Protection Agency intends to delegate the authority to implement and enforce national emission standards (except with respect to stationary sources owned or operated by the United States) for hazardous air pollutants to any State which submits an adequate procedure to the Administrator. The requisite procedure for requesting such delegation will be issued in the future by the Environmental Protection Agency.

The regulations for the national emission standards for asbestos, beryllium, and mercury are hereby promulgated effective upon promulgation (April 6, 1973).

Dated: March 30, 1973.

ROBERT W. FRI,
Acting Administrator,
Environmental Protection Agency.

A new Part 61 is added to Chapter 1, Title 40, Code of Federal Regulations, as follows:

Subpart A—General Provisions

Sec.
61.01 Applicability.
61.02 Definitions.
61.03 Abbreviations.
61.04 Address.
61.05 Prohibited activities.
61.06 Determination of constructon or modification.
61.07 Application for approval of construction or modification.
61.08 Approval by Administrator.
61.09 Notification of startup.
61.10 Source reporting and waiver request.
61.11 Waiver of compliance.
61.12 Emission tests and monitoring.
61.13 Waiver of emission tests.
61.14 Source test and analytical methods.
61.15 Availability of information.
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Subpart B—National Emission Standard for Asbestos

61.20 Applicability.
61.21 Definitions.
61.22 Emission standard.
61.23 Air cleaning.
61.24 Reporting.

Subpart C—National Emission Standard for Beryllium

61.30 Applicability.
61.31 Definitions.
61.32 Emission standard.
61.33 Stack sampling.
61.34 Air sampling.

Subpart D—National Emission Standard for Beryllium Rocket Motor Firing

61.40 Applicability.
61.41 Definitions.
61.42 Emission standard.
61.43 Emission testing—rocket firing or propellant disposal.
61.44 Stack sampling.

Subpart E—National Emission Standard for Mercury

61.50 Applicability.
61.51 Definitions.
61.52 Emission standard.
61.53 Stack sampling.

Appendix A—Compliance Status Information.
Appendix B—Test Methods.
Method 101—Reference method for determination of particulate and gaseous mercury emissions from stationary sources (air streams).
Method 102—Reference method for determination of particulate and gaseous mercury emissions from stationary sources (hydrogen streams).
Method 103—Beryllium screening method.
Method 104—Reference method for determination of beryllium emissions from stationary sources.

AUTHORITY: 42 U.S.C. 1857c-7.

Subpart A—General Provisions

§ 61.01 Applicability.

The provisions of this part apply to the owner or operator of any stationary source for which a standard is prescribed under this part.

§ 61.02 Definitions.

As used in this part, all terms not defined herein shall have the meaning given them in the act:

(a) "Act" means the Clean Air Act (42 U.S.C. 1857 et seq.).

(b) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(c) "Alternative method" means any method of sampling and analyzing for an air pollutant which does not meet all of the criteria for equivalency but which has been demonstrated to the Administrator's satisfaction to, in specific cases, produce results adequate for his determination of compliance.

(d) "Commenced" means that an owner or operator has undertaken a continuous program of construction or modification or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction or modification.

(e) "Compliance schedule" means the date or dates by which a source or category of sources is required to comply with the standards of this part and with any steps toward such compliance which are set forth in a waiver of compliance under § 61.11.

(f) "Construction" means fabrication, erection, or installation of a stationary source.

(g) "Effective date" is the date of promulgation in the FEDERAL REGISTER of an applicable standard or other regulation under this part.

(h) "Equivalent method" means any method of sampling and analyzing for an air pollutant which has been demonstrated to the Administrator's satisfaction to have a consistent and quantitatively known relationship to the reference method, under specified conditions.

(i) "Existing source" means any stationary source which is not a new source.

(j) "Modification" means any physical change in, or change in the method of operation of, a stationary source which increases the amount of any hazardous air pollutant emitted by such source or which results in the emission of any hazardous air pollutant not previously emitted, except that:

(1) Routine maintenance, repair, and replacement shall not be considered physical changes, and

(2) The following shall not be considered a change in the method of operation:

(i) An increase in the production rate, if such increase does not exceed the operating design capacity of the stationary source;

(ii) An increase in hours of operation.

(k) "New source" means any stationary source, the construction or modification of which is commenced after the publication in the FEDERAL REGISTER of proposed national emission standards for hazardous air pollutants which will be applicable to such source.

(l) "Owner or operator" means any person who owns, leases, operates, controls, or supervises a stationary source.

(m) "Reference method" means any method of sampling and analyzing for an air pollutant, as described in appendix B to this part.

(n) "Startup" means the setting in operation of a stationary source for any purpose.

(o) "Standard" means a national emission standard for a hazardous air pollutant proposed or promulgated under this part.

(p) "Stationary source" means any building, structure, facility, or installation which emits or may emit any air pollutant which has been designated as hazardous by the Administrator.

§ 61.03 Abbreviations.

The abbreviations used in this part have the following meanings:

°C—Degrees Centigrade.
cfm—Cubic feet per minute.
ft^2—Square feet.
ft^3—Cubic feet.
°F—Degrees Fahrenheit.
in—Inch.
l—Liter.
ml—Milliliter.
M—Molar.
m^3—Cubic meter.
nm—Nanometer.
oz—Ounces.
v/v—Volume per volume.
yd^2—Square yards.
w.g.—Water gage.
inHg—Inches of mercury.
inH_2O—Inches of water.
g—Grams.
mg—Milligrams.
N—Normal.
°R—Degree Rankine.
min—Minute
sec—Second.
avg.—Average.
I.D.—Inside diameter.
O.D.—Outside diameter.
μg—Micrograms (10^{-6} gram).
%—Percent.
Hg—Mercury.
Be—Beryllium.

§ 61.04 Address.

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate and addressed to the appropriate regional office of the Environmental Protection Agency, to the attention of the Director, Enforcement Division. The regional offices are as follows:

Region I (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont), John F. Kennedy Federal Building, Boston, Mass. 02203.

Region II (New York, New Jersey, Puerto Rico, Virgin Islands), Federal Office Building, 26 Federal Plaza (Foley Square), New York, N.Y. 10007.

Region III (Delaware, District of Columbia, Pennsylvania, Maryland, Virginia, West Virginia), Curtis Building, Sixth and Walnut Streets, Philadelphia, Pa. 19106.

Region IV (Alabama, Florida, Georgia, Mississippi, Kentucky, North Carolina, South Carolina, Tennessee), Suite 300, 1421 Peachtree Street, Atlanta, Ga. 30309.

Region V (Illinois, Indiana, Minnesota, Michigan, Ohio, Wisconsin), 1 North Wacker Drive, Chicago, Ill. 60606.

Region VI (Arkansas, Louisiana, New Mexico, Oklahoma, Texas), 1600 Paterson Street, Dallas, Tex. 75201.

Region VII (Iowa, Kansas, Missouri, Nebraska), 1735 Baltimore Street, Kansas City, Mo. 64108.

Region VIII (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming), 916 Lincoln Towers, 1860 Lincoln Street, Denver, Colo. 80203.

Region IX (Arizona, California, Hawaii, Nevada, Guam, American Samoa), 100 California Street, San Francisco, Calif. 94111.

Region X (Washington, Oregon, Idaho, Alaska), 1200 Sixth Avenue, Seattle, Wash. 98101.

§ 61.05 Prohibited activities.

(a) After the effective date of any standard prescribed under this part, no owner or operator shall construct or modify any stationary source subject to such standard without first obtaining written approval of the Administrator in accordance with this subpart, except under an exemption granted by the President under section 112(c)(2) of the act. Sources, the construction or modification of which commenced after the publication date of the standards proposed to be applicable to such source, are subject to this prohibition.

(b) After the effective date of any standard prescribed under this part, no owner or operator shall operate any new source in violation of such standard except under an exemption granted by the President under section 112(c)(2) of the act.

(c) Ninety days after the effective date of any standard prescribed under this part, no owner or operator shall operate any existing stationary source in violation of such standard, except under a waiver granted by the Administrator in accordance with this subpart or under an exemption granted by the President under section 112(c)(2) of the act.

(d) No owner or operator subject to the provisions of this part shall fail to report, revise reports, or report source test results as required under this part.

§ 61.06 Determination of construction or modification.

Upon written application by an owner or operator, the Administrator will make a determination of whether actions taken or intended to be taken by such owner or operator constitute construction or modification or the commencement thereof within the meaning of this part. The Administrator will within 30 days of receipt of sufficient information to evaluate an application, notify the owner or operator of his determination.

§ 61.07 Application for approval of construction or modification.

(a) The owner or operator of any new source to which a standard prescribed under this part is applicable shall, prior to the date on which construction or modification is planned to commence, or within 30 days after the effective date in the case of a new source that already has commenced construction or modification and has not begun operation, submit to the Administrator an application for approval of such construction or modification. A separate application shall be submitted for each stationary source.

(b) Each application shall include:

(1) The name and address of the applicant.

(2) The location or proposed location of the source.

(3) Technical information describing the proposed nature, size, design, operating design capacity, and method of operation of the source, including a description of any equipment to be used for control of emissions. Such technical information shall include calculations of emission estimates in sufficient detail to permit assessment of the validity of such calculations.

§ 61.08 Approval by Administrator.

(a) The Administrator will, within 60 days of receipt of sufficient information to evaluate an application under § 61.07, notify the owner or operator of approval or intention to deny approval of construction or modification.

(b) If the Administrator determines that a stationary source for which an

application pursuant to § 61.07 was submitted will, if properly operated, not cause emissions in violation of a standard, he will approve the construction or modification of such source.

(c) Prior to denying any application for approval of construction or modification pursuant to this section, the Administrator will notify the owner or operator making such application of the Administrator's intention to issue such denial, together with:

(1) Notice of the information and findings on which such intended denial is based, and

(2) Notice of opportunity for such owner or operator to present, within such time limit as the Administrator shall specify, additional information or arguments to the Administrator prior to final action on such application.

(d) A final determination to deny any application for approval will be in writing and will set forth the specific grounds on which such denial is based. Such final determination will be made within 60 days of presentation of additional information or arguments, or 60 days after the final date specified for presentation, if no presentation is made.

(e) Neither the submission of an application for approval nor the Administrator's granting of approval to construct or modify shall:

(1) Relieve an owner or operator of legal responsibility for compliance with any applicable provision of this part or of any other applicable Federal, State, or local requirement, or

(2) Prevent the Administrator from implementing or enforcing this part or taking any other action under the act.

§ 61.09 Notification of startup.

(a) Any owner or operator of a source which has an initial startup after the effective date of a standard prescribed under this part shall furnish the Administrator written notification as follows:

(1) A notification of the anticipated date of initial startup of the source not more than 60 days nor less than 30 days prior to such date.

(2) A notification of the actual date of initial startup of the source within 15 days after such date.

§ 61.10 Source reporting and waiver request.

(a) The owner or operator of any existing source, or any new source to which a standard prescribed under this part is applicable which had an initial startup which preceded the effective date of a standard prescribed under this part shall, within 90 days after the effective date, provide the following information in writing to the Administrator:

(1) Name and address of the owner or operator.

(2) The location of the source.

(3) The type of hazardous pollutants emitted by the stationary source.

(4) A brief description of the nature, size, design, and method of operation of the stationary source including the operating design capacity of such source. Identify each point of emission for each hazardous pollutant.

(5) The average weight per month of the hazardous materials being processed by the source, over the last 12 months preceding the date of the report.

(6) A description of the existing control equipment for each emission point.

(i) Primary control device(s) for each hazardous pollutant.

(ii) Secondary control device(s) for each hazardous pollutant.

(iii) Estimated control efficiency (percent) for each control device.

(7) A statement by the owner or operator of the source as to whether he can comply with the standards prescribed in this part within 90 days of the effective date.

(b) The owner or operator of an existing source unable to operate in compliance with any standard prescribed under this part may request a waiver of compliance with such standard for a period not exceeding 2 years from the effective date. Any request shall be in writing and shall include the following information:

(1) A description of the controls to be installed to comply with the standard.

(2) A compliance schedule, including the date each step toward compliance will be reached. Such list shall include as a minimum the following dates:

(i) Date by which contracts for emission control systems or process modifications will be awarded, or date by which orders will be issued for the purchase of component parts to accomplish emission control or process modification;

(ii) Date of initiation of onsite construction or installation of emission control equipment or process change;

(iii) Date by which onsite construction or installation of emission control equipment or process modification is to be completed; and

(iv) Date by which final compliance is to be achieved.

(3) A description of interim emission control steps which will be taken during the waiver period.

(c) Changes in the information provided under paragraph (a) of this section shall be provided to the Administrator within 30 days after such change, except that if changes will result from modification of the source, as defined in § 61.02 (j), the provisions of § 61.07 and § 61.08 are applicable.

(d) The format for reporting under this section is included as appendix A of this part. Advice on reporting the status of compliance may be obtained from the Administrator.

§ 61.11 Waiver of compliance.

(a) Based on the information provided in any request under § 61.10, or other information, the Administrator may grant a waiver of compliance with a standard for a period not exceeding 2 years from the effective date of such standard.

(b) Such waiver will be in writing and will:

(1) Identify the stationary source covered.

(2) Specify the termination date of the waiver. The waiver may be terminated at an earlier date if the conditions specified under paragraph (b)(3) of this section are not met.

(3) Specify dates by which steps toward compliance are to be taken; and impose such additional conditions as the Administrator determines to be necessary to assure installation of the necessary controls within the waiver period, and to assure protection of the health of persons during the waiver period.

(c) Prior to denying any request for a waiver pursuant to this section, the Administrator will notify the owner or operator making such request of the Administrator's intention to issue such denial, together with:

(1) Notice of the information and findings on which such intended denial is based, and

(2) Notice of opportunity for such owner or operator to present, within such time limit as the Administrator specifies, additional information or arguments to the Administrator prior to final action on such request.

(d) A final determination to deny any request for a waiver will be in writing and will set forth the specific grounds on which such denial is based. Such final determination will be made within 60 days after presentation of additional information or arguments, or 60 days after the final date specified for such presentation, if no presentation is made.

(e) The granting of a waiver under this section shall not abrogate the Administrator's authority under section 114 of the act.

§ 61.12 Emission tests and monitoring.

(a) Emission tests and monitoring shall be conducted and reported as set forth in this part and appendix B to this part.

(b) The owner or operator of a new source subject to this part, and at the request of the Administrator, the owner or operator of an existing source subject to this part, shall provide or cause to be provided, emission testing facilities as follows:

(1) Sampling ports adequate for test methods applicable to such source.

(2) Safe sampling platform(s).

(3) Safe access to sampling platform(s).

(4) Utilities for sampling and testing equipment.

§ 61.13 Waiver of emission tests.

(a) Emission tests may be waived upon written application to the Administrator if, in his judgment, the source is meeting the standard, or if the source is operating under a waiver of compliance or has requested a waiver of compliance.

(b) If application for waiver of the emission test is made, such application shall accompany the information required by § 61.10. The appropriate form is contained in appendix A to this part.

(c) Approval of any waiver granted pursuant to this section shall not abrogate the Administrator's authority under the act or in any way prohibit the Administrator from later canceling such waiver. Such cancellation will be made only after notice is given to the owner or operator of the source.

§ 61.14 Source test and analytical methods.

(a) Methods 101, 102, and 104 in appendix B to this part shall be used for all source tests required under this part, unless an equivalent method or an alternative method has been approved by the Administrator.

(b) Method 103 in appendix B to this part is hereby approved by the Administrator as an alternative method for sources subject to § 61.32(a) and § 61.42 (b).

(c) The Administrator may, after notice to the owner or operator, withdraw approval of an alternative method granted under paragraph (a) or (b) of this section. Where the test results using an alternative method do not adequately indicate whether a source is in compliance with a standard, the Administrator may require the use of the reference method or its equivalent.

§ 61.15 Availability of information.

(a) Emission data provided to, or otherwise obtained by, the Administrator in accordance with the provisions of this part shall be available to the public.

(b) Any records, reports, or information, other than emission data, provided to, or otherwise obtained by, the Administrator in accordance with the provisions of this part shall be available to the public, except that upon a showing satisfactory to the Administrator by any person that such records, reports, or information, or particular part thereof (other than emission data), if made public, would divulge methods or processes entitled to protection as trade secrets of such person, the Administrator will consider such records, reports, or information, or particular part thereof, confidential in accordance with the purposes of section 1905 of title 18 of the United States Code, except that such records, reports, or information, or particular part thereof, may be disclosed to other officers, employees, or authorized representatives of the United States concerned with carrying out the provisions of the act or when relevant in any proceeding under the act.

§ 61.16 State authority.

(a) The provisions of this part shall not be construed in any manner to preclude any State or political subdivision thereof from:

(1) Adopting and enforcing any emission limiting regulation applicable to a stationary source, provided that such emission limiting regulation is not less stringent than the standards prescribed under this part.

(2) Requiring the owner or operator of a stationary source, other than a stationary source owned or operated by the United States, to obtain permits, licenses, or approvals prior to initiating construction, modification, or operation of such source.

Subpart B—National Emission Standard for Asbestos

§ 61.20 Applicability.

The provisions of this subpart are applicable to those sources specified in § 61.22.

§ 61.21 Definitions.

Terms used in this subpart are defined in the act, in subpart A of this part, or in this section as follows:

(a) "Asbestos" means actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite.

(b) "Asbestos material" means asbestos or any material containing asbestos.

(c) "Particulate asbestos material" means finely divided particles of asbestos material.

(d) "Asbestos tailings" means any solid waste product of asbestos mining or milling operations which contains asbestos.

(e) "Outside air" means the air outside buildings and structures.

(f) "Visible emissions" means any emissions which are visually detectable without the aid of instruments and which contain particulate asbestos material.

§ 61.22 Emission standard.

(a) Asbestos mills: There shall be no visible emissions to the outside air from any asbestos mill except as provided in paragraph (f) of this section. Outside storage of asbestos materials is not considered a part of an asbestos mill.

(b) Roadways: The surfacing of roadways with asbestos tailings is prohibited, except for temporary roadways on an area of asbestos ore deposits. The deposition of asbestos tailings on roadways covered with snow or ice is considered "surfacing."

(c) Manufacturing: There shall be no visible emissions to the outside air, except as provided in paragraph (f) of this section, from any building or structure in which the following operations are conducted or directly from any of the following operations if they are conducted outside of buildings or structures.

(1) The manufacture of cloth, cord, wicks, tubing, tape, twine, rope, thread, yarn, roving, lap, or other textile materials.

(2) The manufacture of cement products.

(3) The manufacture of fireproofing and insulating materials.

(4) The manufacture of friction products.

(5) The manufacture of paper, millboard, and felt.

(6) The manufacture of floor tile.

(7) The manufacture of paints, coatings, caulks, adhesives, sealants.

(8) The manufacture of plastics and rubber materials.

(9) The manufacture of chlorine.

(d) Demolition: Any owner or operator of a demolition operation who intends to demolish any institutional, commercial, or industrial building (including apartment buildings having more than four dwelling units), structure, facility, installation, or portion thereof which contains any boiler, pipe, or load-supporting structural member that is insulated or fireproofed with friable asbestos material shall comply with the requirements set forth in this paragraph.

(1) Notice of intention to demolish shall be provided to the Administrator at least 20 days prior to commencement of such demolition or anytime prior to commencement of demolition subject to paragraph (d)(4) of this section.

Such notice shall include the following information:

(i) Name of owner or operator.

(ii) Address of owner or operator.

(iii) Description of the building, structure, facility, or installation to be demolished.

(iv) Address or location of the building, structure, facility or installation.

(v) Scheduled starting and completion dates of demolition.

(vi) Method of demolition to be employed.

(vii) Procedures to be employed to meet the requirements of this paragraph.

(2) The following procedures shall be used to prevent emissions of particulate asbestos material to outside air:

(i) Friable asbestos materials, used to insulate or fireproof any boiler, pipe, or load-supporting structural member, shall be wetted and removed from any building, structure, facility, or installation subject to this paragraph before wrecking of load-supporting structural members is commenced. The friable asbestos debris shall be wetted adequately to insure that such debris remains wet during all stages of demolition and related handling operations.

(ii) No pipe or load-supporting structural member that is covered with friable asbestos insulating or fireproofing material shall be dropped or thrown to the ground from any building, structure, facility, or installation subject to this paragraph, but shall be carefully lowered or taken to ground level.

(iii) No friable asbestos debris shall be dropped or thrown to the ground from any building, structure, facility, or installation subject to this paragraph or from any floor to any floor below. For buildings, structures, facilities, or installations, 50 feet or greater in height, friable asbestos debris shall be transported to the ground via dust-tight chutes or containers.

(3) Sources subject to this paragraph are exempt from the requirements of §§ 61.05(a), 61.07, and 61.09.

(4) Any owner or operator of a demolition operation who intends to demolish a building, structure, facility, or installation to which the provisions of this paragraph would be applicable but which has been declared by proper State or local authority to be structurally unsound and which is in danger of imminent collapse is exempt from the requirements of this paragraph other than the reporting requirements specified by paragraph (d)(1) of this section and the wetting of friable asbestos debris as specified by paragraph (d)(3)(i) of this section.

(e) Spraying: There shall be no visible emissions to the outside air from the spray-on application of materials containing more than 1 percent asbestos, on a dry weight basis, used to insulate or fireproof equipment and machinery, except as provided in paragraph (f) of this section. Spray-on materials used to insulate or fireproof buildings, structures, pipes, and conduits shall contain less than 1 percent asbestos on a dry weight basis.

(1) Sources subject to this paragraph are exempt from the requirements of § 61.05(a), § 61.07, and § 61.09.

(2) Any owner or operator who intends to spray asbestos materials to insulate or fireproof buildings, structures, pipes, conduits, equipment, and machinery shall report such intention to the administrator at least 20 days prior to the commencement of the spraying operation. Such report shall include the following information:

(i) Name of owner or operator.

(ii) Address of owner or operator.

(iii) Location of spraying operation.

(iv) Procedures to be followed to meet the requirements of this paragraph.

(f) Rather than meet the no-visible-emission requirements of paragraphs (a), (c), and (e) of this section, an owner or operator may elect to use the methods specified by § 61.23 to clean emissions containing particulate asbestos material before such emissions escape to, or are vented to, the outside air.

§ 61.23 Air-cleaning.

If air-cleaning is elected, as permitted by § 61.22(f), the requirements of this section must be met.

(a) Fabric filter collection devices must be used, except as noted in paragraphs (b) and (c) of this section. Such devices must be operated at a pressure drop of no more than 4 inches water gage, as measured across the filter fabric. The airflow permeability, as determined by ASTM method D737-69, must not exceed 30 $ft^3/min/ft^2$ for woven fabrics or 35 $ft^3/min/ft^2$ for felted fabrics, except that 40 $ft^3/min/ft^2$ for woven and 45 $ft^3/min/ft^2$ for felted fabrics is allowed for filtering air from asbestos ore dryers. Each square yard of felted fabric must weigh at least 14 ounces and be at least one-sixteenth inch thick throughout. Synthetic fabrics must not contain fill yarn other than that which is spun.

(b) If the use of fabric filters creates a fire or explosion hazard, the administrator may authorize the use of wet collectors designed to operate with a unit contacting energy of at least 40 inches water gage pressure.

(c) The administrator may authorize the use of filtering equipment other than that described in paragraphs (a) and (b) of this section if the owner or operator demonstrates to the satisfaction of the administrator that the filtering of particulate asbestos material is equivalent to that of the described equipment.

(d) All air-cleaning equipment authorized by this section must be properly installed, used, operated, and maintained. Bypass devices may be used only during upset or emergency conditions and then only for so long as it takes to shut down the operation generating the particulate asbestos material.

§ 61.24 Reporting.

The owner or operator of any existing source to which this subpart is applicable shall, within 90 days after the effective date, provide the following information to the administrator:

(a) A description of the emission control equipment used for each process;

(b) If a fabric filter device is used to control emissions, the pressure drop across the fabric filter in inches water gage.

(1) If the fabric filter device utilizes a woven fabric, the airflow permeability in $ft^3/min/ft^2$; and, if the fabric is synthetic, indicate whether the fill yarn is spun or not spun.

(2) If the fabric filter device utilizes a felted fabric, the density in oz/yd^2, the minimum thickness in inches, and the airflow permeability in $ft^3/min/ft^2$.

(c) Such information shall accompany the information required by § 61.10. The appropriate form is contained in appendix A to this part.

Subpart C—National Emission Standard for Beryllium

§ 61.30 Applicability.

The provisions of this subpart are applicable to the following stationary sources:

(a) Extraction plans, ceramic plants, foundries, incinerators, and propellant plants which process beryllium ore, beryllium, beryllium oxide, beryllium alloys, or beryllium-containing waste.

(b) Machine shops which process beryllium, beryllium oxides, or any alloy when such alloy contains more than 5 percent beryllium by weight.

§ 61.31 Definitions.

Terms used in this subpart are defined in the act, in subpart A of this part, or in this section as follows:

(a) "Beryllium" means the element beryllium. Where weights or concentrations are specified, such weights or concentrations apply to beryllium only, excluding the weight or concentration of any associated elements.

(b) "Extraction plant" means a facility chemically processing beryllium ore to beryllium metal, alloy, or oxide, or performing any of the intermediate steps in these processes.

(c) "Beryllium ore" means any naturally occurring material mined or gathered for its beryllium content.

(d) "Machine shop" means a facility performing cutting, grinding, turning, honing, milling, deburring, lapping, electrochemical machining, etching, or other similar operations.

(e) "Ceramic plant" means a manufacturing plant producing ceramic items.

(f) "Foundry" means a facility engaged in the melting or casting of beryllium metal or alloy.

(g) "Beryllium-containing waste" means material contaminated with beryllium and/or beryllium compounds used or generated during any process or operation performed by a source subject to this subpart.

(h) "Incinerator" means any furnace used in the process of burning waste for the primary purpose of reducing the volume of the waste by removing combustible matter.

(i) "Propellant" means a fuel and oxidizer physically or chemically combined which undergoes combustion to provide rocket propulsion.

(j) "Beryllium alloy" means any metal to which beryllium has been added in order to increase its beryllium content and which contains more than 0.1 percent beryllium by weight.

(k) "Propellant plant" means any facility engaged in the mixing, casting, or machining of propellant.

§ 61.32 Emission standard.

(a) Emissions to the atmosphere from stationary sources subject to the provisions of this subpart shall not exceed 10 grams of beryllium over a 24-hour period, except as provided in paragraph (b) of this section.

(b) Rather than meet the requirement of paragraph (a) of this section, an owner or operator may request approval from the Administrator to meet an ambient concentration limit on beryllium in the vicinity of the stationary source of 0.01 $\mu g/m^3$, averaged over a 30-day period.

(1) Approval of such requests may be granted by the Administrator provided that:

(i) At least 3 years of data is available which in the judgment of the Administrator demonstrates that the future ambient concentrations of beryllium in the vicinity of the stationary source will not exceed 0.01 $\mu g/m^3$, averaged over a 30-day period. Such 3-year period shall be the 3 years ending 30 days before the effective date of this standard.

(ii) The owner or operator requests such approval in writing within 30 days after the effective date of this standard.

(iii) The owner or operator submits a report to the Administrator within 45 days after the effective date of this standard which report includes the following information:

(*a*) Description of sampling method including the method and frequency of calibration.

(*b*) Method of sample analysis.

(*c*) Averaging technique for determining 30-day average concentrations.

(*d*) Number, identity, and location (address, coordinates, or distance and heading from plant) of sampling sites.

(*e*) Ground elevations and height above ground of sampling inlets.

(*f*) Plant and sampling area plots showing emission points and sampling sites. Topographic features significantly affecting dispersion including plant building heights and locations shall be included.

(*g*) Information necessary for estimating dispersion including stack height, inside diameter, exit gas temperature, exit velocity or flow rate, and beryllium concentration.

(*h*) A description of data and procedures (methods or models) used to design the air sampling network (i.e., number and location of sampling sites).

(f) Air sampling data indicating beryllium concentrations in the vicinity of the stationary source for the 3-year period specified in paragraph (b)(1) of this section. This data shall be presented chronologically and include the beryllium concentration and location of each individual sample taken by the network and the corresponding 30-day average beryllium concentrations.

(2) Within 60 days after receiving such report, the Administrator will notify the owner or operator in writing whether approval is granted or denied. Prior to denying approval to comply with the provisions of paragraph (b) of this section, the Administrator will consult with representatives of the stationary source for which the demonstration report was submitted.

(c) The burning of beryllium and/or beryllium-containing waste, except propellants, is prohibited except in incinerators, emissions from which must comply with the standard.

§ 61.33 Stack sampling.

(a) Unless a waiver of emission testing is obtained under § 61.13, each owner or operator required to comply with § 61.32(a) shall test emissions from his source,

(1) Within 90 days of the effective date in the case of an existing source or a new source which has an initial startup date preceding the effective date; or

(2) Within 90 days of startup in the case of a new source which did not have an initial startup date preceding the effective date.

(b) The Administrator shall be notified at least 30 days prior to an emission test so that he may at his option observe the test.

(c) Samples shall be taken over such a period or periods as are necessary to accurately determine the maximum emissions which will occur in any 24-hour period. Where emissions depend upon the relative frequency of operation of different types of processes, operating hours, operating capacities, or other factors, the calculation of maximum 24-hour-period emissions will be based on that combination of factors which is likely to occur during the subject period and which result in the maximum emissions. No changes in the operation shall be made, which would potentially increase emissions above that determined by the most recent source test, until a new emission level has been estimated by calculation and the results reported to the Administrator.

(d) All samples shall be analyzed and beryllium emissions shall be determined within 30 days after the source test. All determinations shall be reported to the Administrator by a registered letter dispatched before the close of the next business day following such determination.

(e) Records of emission test results and other data needed to determine total emissions shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 2 years.

§ 61.34 Air sampling.

(a) Stationary sources subject to § 61.32(b) shall locate air sampling sites in accordance with a plan approved by the Administrator. Such sites shall be located in such a manner as is calculated to detect maximum concentrations of beryllium in the ambient air.

(b) All monitoring sites shall be operated continuously except for a reasonable time allowance for instrument maintenance and calibration, for changing filters, or for replacemet of equipment needing major repair.

(c) Filters shall be analyzed and concentrations calculated within 30 days after filters are collected. Records of concentrations at all sampling sites and other data needed to determine such concentrations shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 2 years.

(d) Concentrations measured at all sampling sites shall be reported to the Administrator every 30 days by a registered letter.

(e) The Administrator may at any time require changes in, or expansion of, the sampling network.

Subpart D—National Emission Standard for Beryllium Rocket Motor Firing

§ 61.40 Applicability.

The provisions of this subpart are applicable to rocket motor test sites.

§ 61.41 Definitions.

Terms used in this subpart are defined in the Act, in Subpart A of this part, or in this section as follows:

(a) "Rocket motor test site" means any building, structure, facility, or installation where the static test firing of a beryllium rocket motor and/or the disposal of beryllium propellant is conducted.

(b) "Beryllium propellant" means any propellant incorporating beryllium.

§ 61.42 Emission standard.

(a) Emissions to the atmosphere from rocket-motor test sites shall not cause time-weighted atmospheric concentrations of beryllium to exceed 75 microgram minutes per cubic meter of air within the limits of 10 to 60 minutes, accumulated during any 2 consecutive weeks, in any area in which an effect adverse to public health could occur.

(b) If combustion products from the firing of beryllium propellant are collected in a closed tank, emissions from such tank shall not exceed 2 grams per hour and a maximum of 10 grams per day.

§ 61.43 Emission testing—rocket firing or propellant disposal.

(a) Ambient air concentrations shall be measured during and after firing of a rocket motor or propellant disposal and in such a manner that the effect of these emissions can be compared with the standard. Such sampling techniques shall be approved by the Administrator.

(b) All samples shall be analyzed and results shall be calculated within 30 days after samples are taken and before any subsequent rocket motor firing or propellant disposal at the given site. All results shall be reported to the Administrator by a registered letter dispatched before the close of the next business day following determination of such results.

(c) Records of air sampling test results and other data needed to determine integrated intermittent concentrations shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 2 years.

(d) The Administrator shall be notified at least 30 days prior to an air sampling test, so that he may at his option observe the test.

§ 61.44 Stack sampling.

(a) Sources subject to § 61.42(b) shall be continuously sampled, during release of combustion products from the tank, in such a manner that compliance with the standards can be determined. The provisions of § 61.14 shall apply.

(b) All samples shall be analyzed, and beryllium emissions shall be determined within 30 days after samples are taken and before any subsequent rocket motor firing or propellant disposal at the given site. All determinations shall be reported to the Administrator by a registered letter dispatched before the close of the next business day following such determinations.

(c) Records of emission test results and other data needed to determine total emissions shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 2 years.

(d) The Administrator shall be notified at least 30 days prior to an emission test, so that he may at his option observe the test.

Subpart E—National Emission Standard for Mercury

§ 61.50 Applicability.

The provisions of this subpart are applicable to those stationary sources which process mercury ore to recover mercury, and to those which use mercury chlor-alkali cells to produce chlorine gas and alkali metal hydroxide.

§ 61.51 Definitions.

Terms used in this subpart are defined in the act, in subpart A of this part, or in this section as follows:

(a) "Mercury" means the element mercury, excluding any associated elements, and includes mercury in particulates, vapors, aerosols, and compounds.

(b) "Mercury ore" means a mineral mined specifically for its mercury content.

(c) "Mercury ore processing facility" means a facility processing mercury ore to obtain mercury.

(d) "Condenser stack gases" mean the gaseous effluent evolved from the stack of processes utilizing heat to extract mercury metal from mercury ore.

(e) "Mercury chlor-alkali cell" means a device which is basically composed of an electrolyzer section and a denuder (decomposer) section and utilizes mercury to produce chlorine gas, hydrogen gas, and alkali metal hydroxide.

(f) "Mercury chlor-alkali electrolyzer" means an electrolytic device which is part of a mercury chlor-alkali cell and utilizes a flowing mercury cathode to produce chlorine gas and alkali metal amalgam.

(g) "Denuder" means a horizontal or vertical container which is part of a mercury chlor-alkali cell and in which water and alkali metal amalgam are converted to alkali metal hydroxide, mercury, and hydrogen gas in a short-circuited, electrolytic reaction.

(h) "Hydrogen gas stream" means a hydrogen stream formed in the chlor-alkali cell denuder.

(i) "End box" means a container(s) located on one or both ends of a mercury chlor-alkali electrolyzer which serves as a connection between the electrolyzer and denuder for rich and stripped amalgam.

(j) "End box ventilation system" means a ventilation system which collects mercury emissions from the end-boxes, the mercury pump sumps, and their water colection systems.

(k) "Cell room" means a structure(s) housing one or more mercury electrolytic chlor-alkali cells.

§ 61.52 Emission standard.

Emissions to the atmosphere from stationary sources subject to the provisions of this subpart shall not exceed 2,300 grams of mercury per 24-hour period.

§ 61.53 Stack sampling.

(a) Mercury ore processing facility.

(1) Unless a waiver of emission testing is obtained under § 61.13, each owner or operator processing mercury ore shall test emissions from his source,

(i) Within 90 days of the effective date in the case of an existing source or a new source which has an initial startup date preceding the effective date; or

(ii) Within 90 days of startup in the case of a new source which did not have an initial startup date preceding the effective date.

(2) The Administrator shall be notified at least 30 days prior to an emission test, so that he may at his option observe the test.

(3) Samples shall be taken over such a period or periods as are necessary to accurately determine the maximum emissions which will occur in a 24-hour period. No changes in the operation shall be made, which would potentially increase emissions above that determined by the most recent source test, until the new emission level has been estimated by calculation and the results reported to the Administrator.

(4) All samples shall be analyzed, and mercury emissions shall be determined within 30 days after the source test. Each determination will be reported to the Administrator by a registered letter dispatched before the close of the next business day following such determination.

(5) Records of emission test results and other data needed to determine total emissions shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 2 years.

(b) Mercury chlor-alkali plant—hydrogen and end-box ventilation gas streams.

(1) Unless a waiver of emission testing is obtained under § 61.13, each owner or operator employing mercury chlor-alkali cell(s) shall test emissions from his source,

(i) Within 90 days of the effective date in the case of an existing source or a new source which has an initial startup date preceding the effective date; or

(ii) Within 90 days of startup in the case of a new source which did not have an initial startup date preceding the effective date.

(2) The Administrator shall be notified at least 30 days prior to an emission test, so that he may at his option observe the test.

(3) Samples shall be taken over such a period or periods as are necessary to accurately determine the maximum emissions which will occur in a 24-hour period. No changes in the operation shall be made, which would potentially increase emissions above that determined by the most recent source test, until the new emission has been estimated by calculation and the results reported to the Administrator.

(4) All samples shall be analyzed and mercury emisions shall be determined within 30 days after the source test. All the determinations will be reported to the Administrator by a registered letter dispatched before the close of the next business day following such determination.

(5) Records of emission test results and other data needed to determine total emissions shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 2 years.

(c) Mercury chlor-alkali plants—cell room ventilation system.

(1) Stationary sources using mercury chlor-alkali cells may test cell room emissions in accordance with paragraph (c)(2) of this section or demonstrate compliance with paragraph (c)(4) of this section and assume ventilation emissions of 1,300 gms/day of mercury.

(2) Unless a waiver of emission testing is obtained under § 61.13, each owner or operator shall pass all cell room air in forced gas streams through stacks suitable for testing.

(i) Within 90 days of the effective date in the case of an existing source or a new source which has an initial startup date preceding the effective date; or

(ii) Within 90 days of startup in the case of a new source which did not have an initial startup date preceding the effective date.

(3) The Administrator shall be notified at least 30 days prior to an emission test, so that he may at his option observe the test.

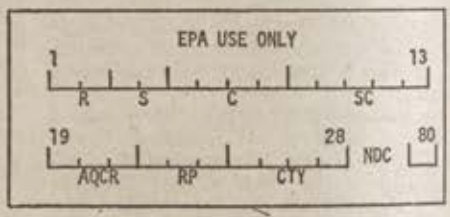
(4) An owner or operator may carry out approved design, maintenance, and housekeeping practices. A list of approved design, maintenance, and housekeeping practices may be obtained from the Administrator.

APPENDIX A

National Emission Standards for Hazardous Air Pollutants

Compliance Status Information

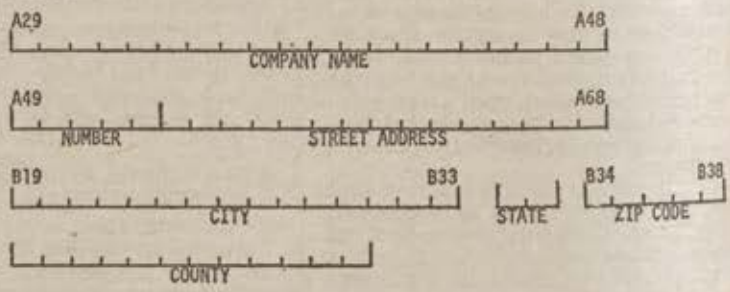
I. SOURCE REPORT



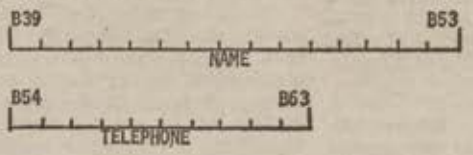
Instructions: Owners or operators of sources of hazardous pollutants subject to the National Emission Standards for Hazardous Air Pollutants are required to submit the information contained in Section I to the appropriate Environmental Protection Agency Regional Office before (date which is 90 days after the standards are promulgated). A listing of regional offices is provided in § 61.04.

A. SOURCE INFORMATION.

1. Identification/Location - Indicate the name and address of each source.



2. Contact - Indicate the name and telephone number of the owner or operator or other responsible official whom EPA may contact concerning this report.



2

3. Source Description - Briefly state the nature of the source (e.g., "Chlor-alkali Plant", or "Machine Shop").

C19 ... C43

4. Alternative Mailing Address - Indicate an alternative mailing address if correspondence is to be directed to a location different than that specified above.

C44 ... C63
NUMBER STREET ADDRESS

C64 ... C77 C78 C79 D75 ... D79
CITY STATE ZIP CODE

5. Compliance Status - The emissions from this source can cannot meet the emission limitations contained in the National Emission Standards on or before (date which is 90 days after the promulgation of the standards).

_____
Signature of owner, operator or other responsible official

NOTE: If the emissions from the source will exceed those limits set by the National Emission Standards for Hazardous Air Pollutants, the source will be in violation and subject to Federal enforcement actions unless granted a waiver of compliance by the Administrator of the Environmental Protection Agency. The information needed for such waivers is listed in Section II of this form.

EPA USE ONLY G14 G15 G46 ... G53
EP SCC

B. PROCESS INFORMATION. Part B should be completed separately for each point of emission for each hazardous pollutant.

3

1. Process Description - Provide a brief description of each process (e.g., "hydrogen end box" in a mercury chlor-alkali plant, "grinding machine" in a beryllium machine shop). Use additional sheets if necessary.

G21 ... G45

2. Pollutant Emitted - Indicate the type of hazardous pollutant emitted by the process. Indicate "AB" for asbestos, "BE" for beryllium, or "HG" for mercury.

G19 G20

3. Amount of Pollutant - Indicate the average weight of the hazardous material named in item 2 which enters the process in pounds per month (based on the previous twelve months of operation).

G54 ... G60

4. Control Devices

a. Indicate the type of pollution control devices, if any, used to reduce the emissions from the process (e.g., venturi scrubber, baghouse, wet cyclone) and the estimated percent of the pollutant which the device removes from the process gas stream.

H19 ... H34 H51 H53
PRIMARY CONTROL DEVICE TYPE PERCENT REMOVAL EFFICIENCY

H35 ... H50 H54 H56
SECONDARY CONTROL DEVICE TYPE PERCENT REMOVAL EFFICIENCY

b. Asbestos Emission Control Devices Only

i. If a baghouse is specified in item 4a give the following information:

- The air flow permeability in cubic feet per minute per square foot of fabric area:

Air flow permeability = _____ cfm/ft^2

- The pressure drop in inches water gauge across the filter at which the baghouse is operated

  Operating pressure drop = _____ inches w.g.

- If the baghouse material contains synthetic fill yarn, check whether this material is spun ☐ or not spun ☐.

  If the baghouse utilizes a felted fabric, give the minimum thickness in inches and the density in ounces per square yard.

  Thickness = _____ inches Density = _____ oz/yd^2

ii. If a wet collection device is specified in item 4a, give the designed unit contacting energy in inches water gauge.

Unit contacting energy = _____ inches w.g.

EPA USE ONLY
CC [ ] H57

II. WAIVER REQUESTS

EPA USE ONLY
1 R S C SC 13

A. WAIVER OF COMPLIANCE. Owners or operators of sources unable to operate in compliance with the National Emission Standards for Hazardous Air Pollutants by (date which is 90 days after the standards are promulgated) may request a waiver of compliance from the Administrator of the Environmental Protection Agency for the time period necessary to install appropriate control devices or make modifications to achieve compliance. The Administrator may grant a waiver of compliance with the standard for a period not exceeding two years from the effective date of the hazardous pollutant standards if he finds that such period is necessary for the installation of controls and that steps will be taken during the period of the waiver to assure that the health of persons will be protected from imminent endangerment.

The reporting information provided in Section I must accompany this application. Applications should be sent to the appropriate EPA regional office.

1. Processes Involved - Indicate the process or processes emitting hazardous pollutants to which emission controls are to be applied.

   _____

   _____

2. Controls

   a. Describe the proposed type of control device to be added or modification to be made to the process to reduce the emissions of hazardous pollutants to an acceptable level. Use additional sheets if necessary.

   _____

   _____

   _____

   b. Describe the measures that will be taken during the waiver period to assure that the health of persons will be protected from imminent endangerment. Use additional sheets if necessary.

   _____

   _____

   _____

3. Increments of Progress - specify the dates by which the following increments of progress will be met.

   Date by which contracts for emission control systems or process modifications will be awarded; or date by which orders will be issued for the purchase of the component parts to accomplish emission control or process modification.

   L54 [ ] MONTH [ ] DAY [ ] L59 YEAR 01

   Date of initiation of on-site construction or installation of emission control equipment or process change.

   L54 [ ] MONTH [ ] DAY [ ] L59 YEAR 02

6

Date by which on-site construction or installation of emission control equipment or process modification is to be completed.

L54 ___ ___ L59 ___ 03
MONTH DAY YEAR

Date by which final compliance is to be achieved.

L54 ___ ___ L59 ___ 04
MONTH DAY YEAR

_____
Signature of owner or operator

B. WAIVER OF EMISSION TESTS. A waiver of emission testing may be granted to owners or operators of sources of beryllium or mercury pollutants if, in the judgment of the Administrator of the Environmental Protection Agency the emissions from the source comply with the appropriate standard or if the owners or operators of the source have requested a waiver of compliance or have been granted a waiver of compliance.

This application should accompany the reporting information provided in Section I.

1. Reason - State the reasons for requesting a waiver of emission testing. If the reason stated is that the emissions from the source is within the prescribed limits, documentation of this condition must be attached.

_____

_____

_____ _____
Date Signature of the owner or operator

APPENDIX B—TEST METHODS

METHOD 101. REFERENCE METHOD FOR DETERMINATION OF PARTICULATE AND GASEOUS MERCURY EMISSIONS FROM STATIONARY SOURCES (AIR STREAMS)

1. *Principle and applicability*—1.1 *Principle.* Particulate and gaseous mercury emissions are isokinetically sampled from the source and collected in acidic iodine monochloride solution. The mercury collected (in the mercuric form) is reduced to elemental mercury in basic solution by hdroxylamine sulfate. Mercury is aerated from the solution and analyzed using spectrophotometry.

1.2 *Applicability.* This method is applicable for the determination of particulate and gaseous mercury emissions when the carrier gas stream is principally air. The method is for use in ducts or stacks at stationary sources. Unless otherwise specified, this method is not intended to apply to gas streams other than those emitted directly to the atmosphere without further processing.

2. *Apparatus*—2.1 *Sampling train.* A schematic of the sampling train used by EPA is shown in figure 101-1. Commercial models of this train are available, although construction details are described in APTD-0581,[1] and operating and maintenance procedures are described in APTD-0576. The components essential to this sampling train are the following:

[1] These documents are available for a nominal cost from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22151.

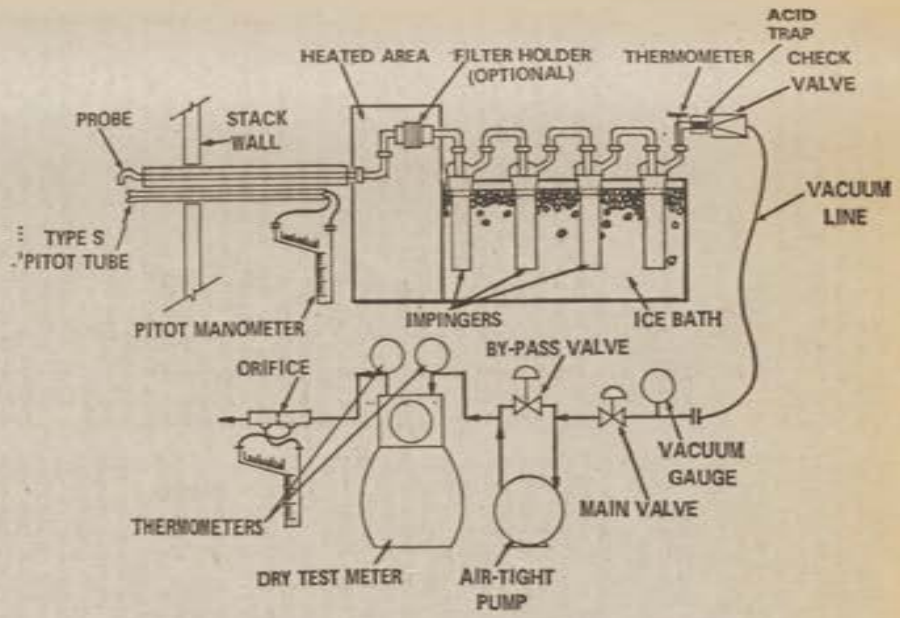


Figure 101-1. Mercury sampling train

2.1.1 *Nozzle.* Stainless steel or glass with sharp, tapered leading edge.

2.1.2 *Probe.* Sheathed Pyrex[2] glass. A heating system capable of maintaining a minimum gas temperature of 250° F at the probe outlet during sampling may be used to prevent condensation from occurring.

2.1.3 *Pitot tube.* Type S (Figure 101-2), or equivalent, with a coefficient within 5 percent over the working range, attached to probe to monitor stack gas velocity.

2.1.4 *Impingers.* Four Greenburg-Smith impingers connected in series with glass ball joint fittings. The first, third, and fourth impingers may be modified by replacing the tip with a one-half inch ID glass tube extending to one-half inch from the bottom of the flask.

2.1.5 *Acid Trap.* Mine Safety Appliances Air Line Filter, Catalogue Number 81857, with acid absorbing cartridge and suitable connections, or equivalent.

[2] Mention of trade names or specific products does not constitute endorsement by the Environmental Protection Agency.

2.1.6 *Metering system.* Vacuum gauge, leakless pump, thermometers capable of measuring temperature to within 5° F, dry gas meter with 2 percent accuracy, and related equipment, described in APTD-0581, to maintain an isokinetic sampling rate and to determine sample volume.

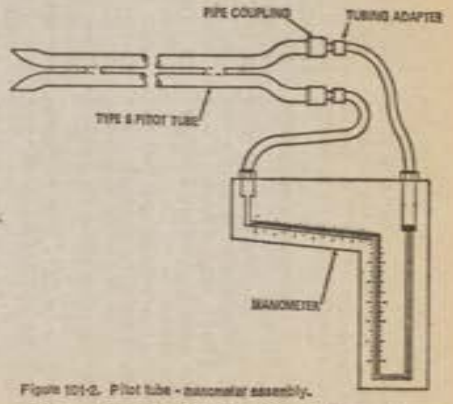


Figure 101-2. Pitot tube - manometer assembly.

2.1.7 *Filter Holder (optional)-Pyrex glass.* A filter may be used in cases where the gas stream to be sampled contains large quan-

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tities of particulate matter. The filter holder must provide a positive seal against leakage from outside or around the filter. A heating system capable of maintaining the filter at a minimum temperature of 250° F. should be used to prevent condensation from occurring.

2.1.8 *Barometer.* To measure atmospheric pressure to ±0.1 in Hg.

2.2 *Measurement of stack conditions (stack pressure, temperature, moisture and velocity)*—2.2.1 *Pitot tube.* Type S, or equivalent, with a coefficient within 5 percent over the working range.

2.2.2 *Differential pressure gauge.* Inclined manometer, or equivalent, to measure velocity held to within 10 percent of the minimum value. Micromanometers should be used if warranted.

2.2.3 *Temperature gauge.* Any temperature measuring device to measure stack temperature to within 1° F.

2.2.4 *Pressure gauge.* Pitot tube and inclined manometer, or equivalent, to measure stack pressure to within 0.1 in Hg.

2.2.5 *Moisture determination.* Wet and dry bulb thermometers, drying tubes, condensers, or equivalent, to determine stack gas moisture content to within 1 percent.

2.3 *Sample recovery*—2.3.1 *Leakless glass sample bottles.* 500 ml and 100 ml with Teflon lined tops.

2.3.2 *Graduated cylinder.* 250 ml.

2.3.3 *Plastic jar.* Approximately 300 ml.

2.4 *Analysis*—2.4.1 *Spectrophotometer.* To measure absorbance at 253.7 nm. Perkin Elmer Model 303, with a cylindrical gas cell (approximately 1.5 in. O.D. x 7 in.) with quartz glass windows, and hollow cathode source, or equivalent.

2.4.2 *Gas sampling bubbler.* Tudor Scientific Glass Co., Smog Bubbler, Catalogue No. TP-1150, or equivalent.

2.4.3. *Recorder.* To match output of spectrophotometer.

3. *Reagents*—3.1 *Stock reagents*—3.1.1 *Potassium iodide.* Reagent grade.

3.1.2 *Distilled water*—3.1.3 *Potassium iodide solution, 25 percent.* Dissolve 250 g of potassium iodide (reagent 3.1.1) in distilled water and dilute to 1 to 1.

3.1.4 *Hydrochloric acid.* Concentrated.

3.1.5. *Potassium iodate.* Reagent grade.

3.1.6 *Iodine monochloride (ICl) 1.0M.* To 800 ml. of 25% potassium iodide solution (reagent 3.1.3), add 800 ml. of concentrated hydrochloric acid. Cool to room temperature. With vigorous stirring, slowly add 135 g. of potassium iodate and continue stirring until all free iodine has dissolved to give a clear orange-red solution. Cool to room temperature and dilute to 1800 ml. with distilled water. The solution should be kept in amber bottles to prevent degradation.

3.1.7 *Sodium hydroxide pellets.* Reagent grade.

3.1.8 *Nitric acid.* Concentrated.

3.1.9 *Hydroxylamine sulfate.* Reagent grade.

3.1.10 *Sodium chloride.* Reagent grade.

3.1.11 *Mercuric chloride.* Reagent grade.

3.2 *Sampling*—3.2.1 *Absorbing solution, 0.1M ICl.* Dilute 100 ml. of the 1.0M ICl stock solution (reagent 3.1.6) to 1 to 1 with distilled water. The solution should be kept in glass bottles to prevent degradation. This reagent should be stable for at least 2 months; however, periodic checks should be performed to insure quality.

3.2.2 *Wash acid.* 1:1 V/V nitric acid—water.

3.2.3 *Distilled, deionized water.*

3.2.4 *Silica gel.* Indicating type, 6 to 16 mesh dried at 350° F. for 2 hours.

3.2.5 *Filter (optional).* Glass fiber, Mine Safety Appliances 1106BH, or equivalent. A filter may be necessary in cases where the gas stream to be sampled contains large quantities of particulate matter.

3.3 *Analysis*—3.3.1 *Sodium hydroxide, 10 N.*—Dissolve 400 g of sodium hydroxide pellets in distilled water and dilute to 1 to 1.

3.3.2 *Reducing agent, 12 percent hydroxylamine sulfate, 12 percent sodium chloride.*—To 60 ml of distilled water, add 12 g of hydroxylamine sulfate and 12 g of sodium chloride. Dilute to 100 ml. This quantity is sufficient for 20 analyses and must be prepared daily.

3.3.3 *Aeration gas.*—Zero grade air.

3.3.4 *Hydrochloric acid, 0.3N.*—Dilute 25.5 ml of concentrated hydrochloric acid to 1 to 1 with distilled water.

3.4 *Standard mercury solutions*—3.4.1 *Stock solution.*—Add 0.1354 g of mercuric chloride to 80 ml of 0.3N hydrochloric acid. After the mercuric chloride has dissolved, add 0.3N hydrochloric acid and adjust the volume to 100 ml. One ml of this solution is equivalent to 1 mg of free mercury.

3.4.2 *Standard solutions.*—Prepare calibration solutions by serially diluting the stock solution (3.4.1) with 0.3N hydrochloric acid. Prepare solutions at concentrations in the linear working range for the instrument to be used. Soutions of 0.2 μg/ml, 0.4 μg/ml and 0.6 μg/ml have been found acceptable for most instruments. Store all solutions in glass-stoppered, glass bottles. These solutions should be stable for at least 2 months; however, periodic checks should be performed to insure quality.

4. *Procedure.*—4.1 Guidelines for source testing are detailed in the following sections. These guidelines are generally applicable; however, most sample sites differ to some degree and temporary alterations such as stack extensions or expansions often are required to ensure the best possible sample site. Further, since mercury is hazardous, care should be taken to minimize exposure. Finally, since the total quantity of mercury to be collected generally is small, the test must be carefully conducted to prevent contamination or loss of sample.

4.2 Selection of a sampling site and minimum number of traverse points:

4.2.1 Select a suitable sampling site that is as close as is practicable to the point of atmospheric emission. If possible, stacks smaller than 1 foot in diameter should not be sampled.

4.2.2 The sampling site should be at least eight stack or duct diameters downstream and two diameters upstream from any flow disturbance such as a bend, expansion, or contraction. For a rectangular cross section, determine an equivalent diameter from the following equation:

$$D_e = \frac{2LW}{L+W} \qquad \text{eq. 101-1}$$

where:

D_e = Equivalent diameter.
L = Length.
W = Width.

4.2.3 When the above sampling site criteria can be met, the minimum number of traverse points is four (4) for stacks 1 foot in diameter or less, eight (8) for stacks larger than 1 foot but 2 feet in diameter or less, and twelve (12) for stacks larger than 2 feet.

4.2.4 Some sampling situations may render the above sampling site criteria impractical. When this is the case, choose a convenient sampling location and use figure 101-3 to determine the minimum number of traverse points. However, use figure 101-3 only for stacks 1 foot in diameter or larger.

4.2.5 To use figure 101-3, first measure the distance from the chosen sampling location to the nearest upstream and downstream disturbances. Divide this distance by the diameter or equivalent diameter to determine the distance in terms of pipe diameters. Determine the corresponding number of traverse points for each distance from figure 101-3. Select the higher of the two numbers of traverse points, or a greater value, such that for circular stacks the number is a multiple of four, and for rectangular stacks the number follows the criteria of section 4.3.2.

4.2.6 If a selected sampling point is closer than 1 inch from the stack wall, adjust the location of that point to ensure that the sample is taken at least 1 inch away from the wall.

4.3 Cross sectional layout and location of traverse points:

4.3.1 For circular stacks locate the traverse points on at least two diameters according to figure 101-4 and table 101-1. The traverse axes shall divide the stack cross section into equal parts.

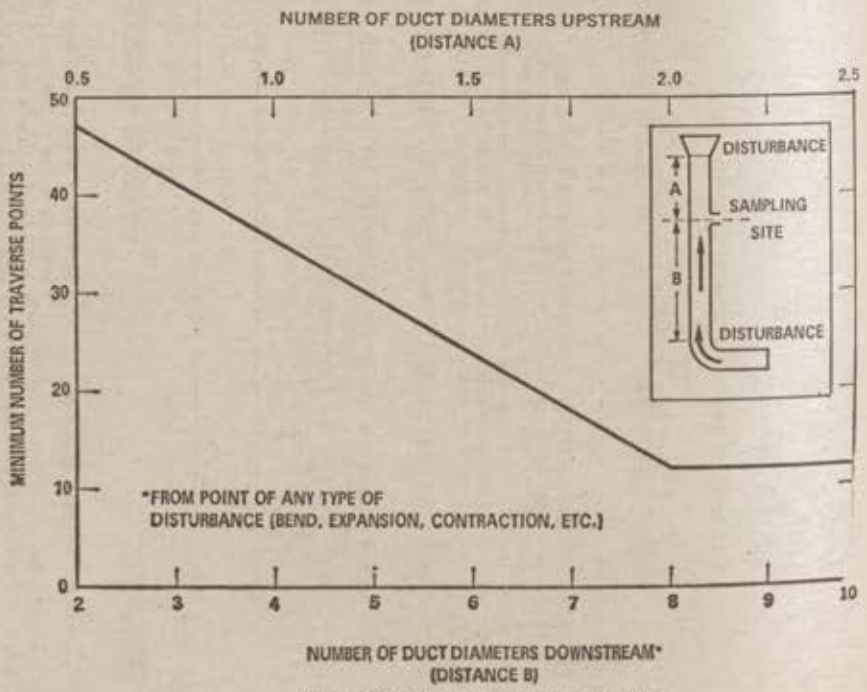

Figure 102-3. Minimum of traverse points.

Table 101-1. Location of traverse points in circular stacks
(Percent of stack diameter from inside wall to traverse point)

Traverse point number on a diameter	Number of traverse points on a diameter											
	2	4	6	8	10	12	14	16	18	20	22	24
1	14.6	6.7	4.4	3.3	2.5	2.1	1.8	1.6	1.4	1.3	1.1	1.1
2	85.4	25.0	14.7	10.5	8.2	6.7	5.7	4.9	4.4	3.9	3.5	3.2
3		75.0	29.5	19.4	14.6	11.8	9.9	8.5	7.5	6.7	6.0	5.5
4		93.3	70.5	32.3	22.6	17.7	14.6	12.5	10.9	9.7	8.7	7.9
5			85.3	67.7	34.2	25.0	20.1	16.9	14.6	12.9	11.6	10.5
6			95.6	80.6	65.8	35.5	26.9	22.0	18.8	16.5	14.6	13.2
7				89.5	77.4	64.5	36.6	28.3	23.6	20.4	18.0	16.1
8				96.7	85.4	75.0	63.4	37.5	29.6	25.0	21.8	19.4
9					91.8	82.3	73.1	62.5	38.2	30.6	26.1	23.0
10					97.5	88.2	79.9	71.7	61.8	38.8	31.5	27.2
11						93.3	85.4	78.0	70.4	61.2	39.3	32.3
12						97.9	90.1	83.1	76.4	69.4	60.7	39.8
13							94.3	87.5	81.2	75.0	68.5	60.2
14							98.2	91.5	85.4	79.6	73.9	67.7*
15								95.1	89.1	83.5	78.2	72.8
16								98.4	92.5	87.1	82.0	77.0
17									95.6	90.3	85.4	80.6
18									98.6	93.3	88.4	83.9
19										96.1	91.3	86.8
20										98.7	94.0	89.5
21											96.5	92.1
22											98.9	94.5
23												96.8
24												98.9

Figure 101-4. Cross section of circular stack showing location of traverse points on perpendicular diameters.

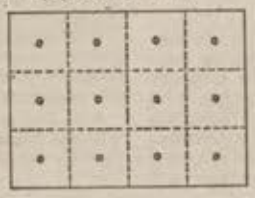

Figure 101-5. Cross section of rectangular stack divided into 12 equal areas, with traverse points at centroid of each area.

4.3.2 For rectangular stacks divide the cross section into as many equal rectangular areas as traverse points, such that the ratio of the length to the width of the elemental areas is between one and two. Locate the traverse points at the centroid of each equal area according to figure 101-5.

4.4 Measurement of stack conditions:

4.4.1 Set up the apparatus as shown in figure 101-2. Make sure all connections are tight and leak-free. Measure the velocity head and temperature at the traverse points specified by section 4.2 and 4.3.

4.4.2 Measure the static pressure in the stack.

4.4.3 Determine the stack gas moisture.

4.4.4 Determine the stack gas molecular weight from the measured moisture content and knowledge of the expected gas stream composition. A standard Orsat analyzer has been found valuable at combustion sources. In all cases, sound engineering judgment should be used.

4.5 Preparation of sampling train:

4.5.1 Prior to assembly, clean all glassware (probe, impingers, and connectors) by rinsing with wash acid, tap water, 0.1M ICl, tap water, and finally distilled water. Place 100 ml of 0.1M ICl in each of the first three impingers, and place approximately 200 g of preweighed silica gel in the fourth impinger. Save 80 ml of the 0.1M ICl as a blank in the sample analysis. Set up the train and the probe as in figure 101-1.

4.5.2 If the gas stream to be sampled is excessively dirty or moist, the first impinger may clog or become dilute too rapidly for sufficient testing. A filter can be placed ahead of the impingers to collect the particulates. An initial empty impinger may also be used to remove excess moisture. If a fifth impinger is required, the final impinger may have to be carefully taped to the outside of the sample box.

4.5.3 Leak check the sampling train at the sampling site. The leakage rate should not be in excess of 1 percent of the desired sampling rate. If condensation in the probe or filter is a problem, probe and filter heaters will be required. Adjust the heaters to provide a temperature of at least 250° F. Place crushed ice around the impingers. Add more ice during the test to keep the temperature of the gases leaving the last impinger at 70° F or less.

4.6 Mercury train operation:

4.6.1 For each run, record the data required on the example sheet shown in figure 101-6. Take readings at each sampling point at least every 5 minutes and when significant changes in stack conditions necessitate additional adjustments in flow rate.

4.6.2 Sample at a rate of 0.5 to 1.0 cfm. Samples shall be taken over such a period or periods as are necessary to accurately determine the maximum emissions which would occur in a 24-hour period. In the case of cyclic operations, sufficient tests shall be made so as to allow accurate determination or calculation of the emissions which will occur over the duration of the cycle. A minimum sample time of 2 hours is recommended. In some instances, high mercury concentrations can prevent sampling in one run for the desired minimum time. This is indicated by reddening in the first impinger as free iodine is liberated. In this case, a run may be divided into two or more subruns to ensure that the absorbing solutions are not depleted.

PLANT _____
LOCATION _____
OPERATOR _____
DATE _____
RUN NO. _____
SAMPLE BOX NO. _____
METER BOX NO. _____
METER $\Delta H_@$ _____
C FACTOR _____

SCHEMATIC OF STACK CROSS SECTION

AMBIENT TEMPERATURE _____
BAROMETRIC PRESSURE _____
ASSUMED MOISTURE, % _____
HEATER BOX SETTING _____
PROBE LENGTH, in. _____
NOZZLE DIAMETER, in. _____
PROBE HEATER SETTING _____

TRAVERSE POINT NUMBER	SAMPLING TIME (θ), min.	STATIC PRESSURE (P_g), in. Hg	STACK TEMPERATURE (T_s), °F	VELOCITY HEAD (ΔP_s),	PRESSURE DIFFERENTIAL ACROSS ORIFICE METER (ΔH), in. H_2O	GAS SAMPLE VOLUME (V_{met}), ft^3	GAS SAMPLE TEMPERATURE AT DRY GAS METER		SAMPLE BOX TEMPERATURE, °F	IMPINGER TEMPERATURE, °F
							INLET ($T_{m_{in}}$), °F	OUTLET ($T_{m_{out}}$), °F		
TOTAL							Avg.	Avg.		
AVERAGE							Avg.			

Figure 101-6. Field data

4.6.3 To begin sampling, position the nozzle at the first traverse point with the tip pointing directly into the gas stream. Immediately start the pump and adjust the flow to isokinetic conditions. Sample for at least 5 minutes at each traverse point; sampling time must be the same for each point. Maintain isokinetic sampling throughout the sampling period. Nomographs which aid in the rapid adjustment of the sampling rate without other computations are in APTD-0576 and are available from commercial suppliers. Note the standard nomographs are applicable only for type S pitot tubes and air or a stack gas with an equivalent density. Contact EPA or the sampling train supplier for instructions when the standard nomograph is not applicable.

4.6.4 Turn off the pump at the conclusion of each run and record the final readings. Immediately remove the probe and nozzle from the stack and handle in accordance with the sample recovery process described in section 4.7.

4.7 Sample recovery:

4.7.1 (All glass storage bottles and the graduated cylinder must be precleaned as in section 4.5.1). This operation should be performed in an area free of possible mercury contamination. Industrial laboratories and ambient air around mercury-using facilities are not normally free of mercury contamination. When the sampling train is moved, care must be exercised to prevent breakage and contamination.

4.7.2 Disconnect the probe from the impinger train. Place the contents (measured to ±1 ml) of the first three impingers into a 500 ml sample bottle. Rinse the probe and all glassware between it and the back half of the third impinger with two 50 ml portions of 0.1M ICl solution. Add these rinses to the first sample bottle. For a blank, place 80 ml of the 0.1M ICl in a 100 ml sample bottle. If used, place the filter along with 100 ml of 0.1M ICl in another 100 ml sample bottle. Retain a filter blank. Place the silica gel in the plastic jar. Seal and secure all containers for shipment. If an additional test is desired, the glassware can be carefully double rinsed with distilled water and reassembled. However, if the glassware is to be out of use more than 2 days, the initial acid wash procedure must be followed.

4.8 Analysis:

4.8.1 *Apparatus preparation.*—Clean all glassware according to the procedure of section 4.5.1. Adjust the instrument settings according to the instrument manual, using an absorption wavelength of 253.7 nm.

4.8.2 *Analysis preparation.*—Adjust the air delivery pressure and the needle valve to obtain a constant airflow of about 1.3 to/1/min. The analysis tube should be bypassed except during aeration. Purge the equipment for 2 minutes. Prepare a sample of mercury standard solution (3.4.2) according to section 4.8.3. Place the analysis tube in the line, and aerate until a miximum peak height is reached on the recorder. Remove the analysis tube, flush the lines, and rinse the analysis tube with distilled water. Repeat with another sample of the same standard solution. This purge and analysis cycle is to be repeated until peak heights are reproducible.

4.8.3 *Sample preparation.*—Just prior to analysis, transfer a sample aliquot of up to 50 ml to the cleaned 100 ml analysis tube. Adjust the volume to 50 ml with 0.1M ICl if required. Add 5 ml of 10 N sodium hydroxide, cap tube with a clean glass stopper and shake vigorously. Prolonged, vigorous shaking at this point is necessary to obtain an accurate analysis. Add 5 ml of the reducing agent (reagent 3.3.2), cap tube with a clean glass stopper and shake vigorously and immediately in sample line.

4.8.4 *Mercury determination.*—After the system has been stabilized, prepare samples from the sample bottle according to section 4.8.3. Aerate the sample until a maximum peak height is reached on the recorder. The mercury content is determined by comparing the peak heights of the samples to the peak heights of the calibration solutions. If collected samples are out of the linear range, the samples should be diluted. Prepare a blank from the 100 ml bottle according to section 4.8.3 and analyze to determine the reagent blank mercury level.

5. *Calibration.*—5.1 *Sampling train.*—5.1.1 Use standard methods and equipment as detailed in APTD-0576 to calibrate the rate meter, pitot tube, dry gas meter, and probe heater (if used). Recalibrate prior to each test series.

5.2 *Analysis.*—5.2.1 Prepare a calibration curve for the spectrophotometer using the standard mercury solutions. Plot the peak heights read on the recorder versus the concentrations of mercury in the standard solutions. Standards should be interspersed with the samples since the calibration can change slightly with time. A new calibration curve should be prepared for each new set of samples run.

6. *Calculations.*—6.1 Average dry gas meter temperature, stack temperature, stack pressure and average orifice pressure drop. See data sheet (fig. 101-6).

6.2 *Dry gas volume.*—Correct the sample volume measured by the dry gas meter to stack conditions by using equation 101-2.

$$V_{m_s} = V_m \frac{T_s}{T_m} \frac{\left(P_{bar} + \frac{\Delta H}{13.6}\right)}{P_s} \qquad \text{eq. 101-2}$$

where:

V_{m_s} = Volume of gas sample through the dry gas meter (stack conditions), ft^3.

V_m = Volume of gas sample through the dry gas meter (meter conditions), ft^3.

T_s = Average temperature of stack gas, °R.

T_m = Average dry gas meter temperature, °R.

P_{bar} = Barometric pressure at the orifice meter, inHg.

ΔH = Average pressure drop across the orifice meter, inH_2O.

13.6 = Specific gravity of mercury.

P_s = Stack pressure, $P_{bar} \pm$ static pressure, inHg.

6.3 *Volume of water vapor.*

$$V_{w_s} = K_w V_{l_c} \frac{T_s}{P_s} \qquad \text{eq. 101-3}$$

where:

V_{w_s} = Volume of water vapor in the gas sample (stack conditions), ft^3.

$K_w = 0.00267 \frac{\text{in.Hg.-ft}^3}{\text{ml.-°R}}$, when these units are used.

V_{l_c} = Total volume of liquid collected in impingers and silica gel (see figure 101-7), ml.

T_s = Average stack gas temperature, °R.

P_s = Stack pressure, $P_{bar} \pm$ static pressure, in. Hg.

6.4 Total gas volume.

$$V_{total} = V_{m_s} + V_{w_s} \qquad \text{eq. 101-4}$$

where:

V_{total} = Total volume of gas sample (stack conditions), ft^3.

V_{m_s} = Volume of gas through gas meter (stack conditions), ft^3.

V_{w_s} = Volume of water vapor in gas sample (stack conditions), ft^3.

	VOLUME OF LIQUID WATER COLLECTED	
	IMPINGER VOLUME, ml	SILICA GEL WEIGHT, g
FINAL		
INITIAL		
LIQUID COLLECTED		
TOTAL VOLUME COLLECTED		g* ml

CONVERT WEIGHT OF WATER TO VOLUME BY dividing total weight INCREASE BY DENSITY OF WATER. (1 g/ml)

$$\frac{\text{INCREASE, g}}{(1\ \text{g/ml})} = \text{VOLUME WATER, ml}$$

Figure 101-7. Analytical data.

6.5 Stack gas velocity. Use equation 101-5 to calculate the stack gas velocity.

$$(v_s)_{avg.} = K_p C_p (\sqrt{\Delta P})_{avg.} \sqrt{\frac{(T_s)_{avg.}}{P_s M_s}} \qquad \text{eq. 101-5}$$

where:

$(v_s)_{avg.}$ = Average stack gas velocity, feet per second.

$K_p = 85.53 \frac{\text{ft.}}{\text{sec.}} \left(\frac{\text{lb.-in.Hg}}{\text{lb.mole-°R-in.H}_2\text{O}}\right)^{1/2}$, when these units are used.

C_p = Pitot tube coefficient, dimensionless.

$(T_s)_{avg.}$ = Average stack gas temperature, °R.

$(\sqrt{\Delta P})_{avg.}$ = Average square root of the velocity head of stack gas (in. $H_2O)^{1/2}$ (see fig. 101-8).

P_s = Stack pressure, $P_{bar} \pm$ static pressure, in. Hg.

M_s = Molecular weight of stack gas (wet basis), the summation of the products of the molecular weight of each component multiplied by its volumetric proportion in the mixture, lb./lb. mole.

Figure 101-8 shows a sample recording sheet for velocity traverse data. Use the averages in the last two columns of figure 101-8 to determine the average stack gas velocity from equation 101-5.

6.6 Mercury collected. Calculate the total weight of mercury collected by using equation 101-6.

$$W_t = V_i C_i - V_b C_b \ (+ V_f C_f) \text{ --eq. 101-6}$$

where:

W_t = total weight of mercury collected, μg.

PLANT_____

DATE_____

RUN NO._____

STACK DIAMETER, in._____

BAROMETRIC PRESSURE, in. Hg._____

STATIC PRESSURE IN STACK (P_g), in. Hg._____

OPERATORS_____

SCHEMATIC OF STACK CROSS SECTION

Traverse point number	Velocity head, in. H_2O	$\sqrt{\Delta_P}$	Stack Temperature (T_S), °F
	AVERAGE:		

Figure 101-8. Velocity traverse data.

V_i = Total volume of condensed moisture and ICl in sample bottle, ml.
C_i = Concentration of mercury measured in sample bottle, μg/ml.
V_b = Total volume of ICl used in sampling (impinger contents and all wash amounts), ml.
C_b = Blank concentration of mercury in ICl solution, μg/ml.
V_f = Total volume of ICl used in filter bottle (if used), ml.
C_f = Concentration of mercury in filter bottle (if used), μg/ml.

6.7 Total mercury emission. Calculate the total amount of mercury emitted from each stack per day by equation 101-7. This equation is applicable for continuous operations. For cyclic operations, use only the time per day each stack is in operation. The total mercury emissions from a source will be the summation of results from all stacks.

$$R = \frac{W_t (v_s)_{avg.} A_s}{V_{total}} \times \frac{86{,}400 \text{ seconds/day}}{10^9 \ \mu g/g.} \qquad \text{eq. 101-7}$$

where:
R = Rate of emission, g/day.
W_t = Total weight of mercury collected, μg.
V_{total} = Total volume of gas sample (stack conditions), ft³.
$(v_s)_{avg.}$ = Average stack gas velocity, feet per second.
A_s = Stack area, ft².

6.8 Isokinetic variation (comparison of velocity of gas in probe tip to stack velocity).

$$I = \frac{100 V_{total}}{A_n \oplus (v_s)_{avg.}} \qquad \text{eq. 101-8}$$

where:
I = Percent of isokinetic sampling.
V_{total} = Total volume of gas sample (stack conditions), ft³.
A_n = Probe tip area, ft².
$\oplus$ = Sampling time, sec.
$(v_s)_{avg.}$ = Average stack gas velocity, feet per second.

7. *Evaluation of results*—7.1 *Determination of compliance.*—7.1.1 Each performance test shall consist of three repetitions of the applicable test method. For the purpose of determining compliance with an applicable national emission standard, the average of results of all repetitions shall apply.

7.2 *Acceptable isokinetic results.*—7.2.1 The following range sets the limit on acceptable isokinetic sampling results:

If $90\% \leq I \leq 110\%$, the results are acceptable; otherwise, reject the test and repeat.

8. *References.*—1. Addendum to Specifications for Incinerator Testing at Federal Facilities, PHS, NCAPC, Dec. 6, 1967.

2. Determining Dust Concentration in a Gas Stream, ASME Performance Test Code No. 27, New York, N.Y., 1957.

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12. Smith, W. S., R. T. Shigehara, and W. F. Todd, A Method of Interpreting Stack Sampling Data, Paper presented at the 63d Annual Meeting of the Air Pollution Control Association, St. Louis, Mo., June 14–19, 1970.

13. Specifications for Incinerator Testing at Federal Facilities PHS, NCAPC, 1967.

14. Standard Method for Sampling Stacks for Particulate Matter, In: 1971 Book of ASTM Standards, part 23, Philadelphia, 1971, ASTM Designation D-2928-71.

15. Vennard, J. K., Elementary Fluid Mechanics, John Wiley and Sons, Inc., New York, 1947.

METHOD 102. REFERENCE METHOD FOR DETERMINATION OF PARTICULATE AND GASEOUS MERCURY EMISSIONS FROM STATIONARY SOURCES (HYDROGEN STREAMS)

1. *Principle and applicability*—1.1 *Principle.*—Particulate and gaseous mercury emissions are isokinetically sampled from the source and collected in acidic iodine monochloride solution. The mercury collected (in the mercuric form) is reduced to elemental mercury in basic solution by hydroxylamine sulfate. Mercury is aerated from the solution and analyzed using spectrophotometry.

1.2 *Applicability.*—This method is applicable for the determination of particulate and gaseous mercury emissions when the carrier gas stream is principally hydrogen. The method is for use in ducts or stacks at stationary sources. Unless otherwise specified, this method is not intended to apply to gas streams other than those emitted directly to the atmosphere without further processing.

2. *Apparatus*—2.1 *Sampling train.*—A schematic of the sampling train used by EPA is shown in figure 102-1. Commercial models of this train are available, although complete construction details are described in APTD-0581,[1] and operating and maintenance procedures are described in APTD-0576. The components essential to this sampling train are the following:

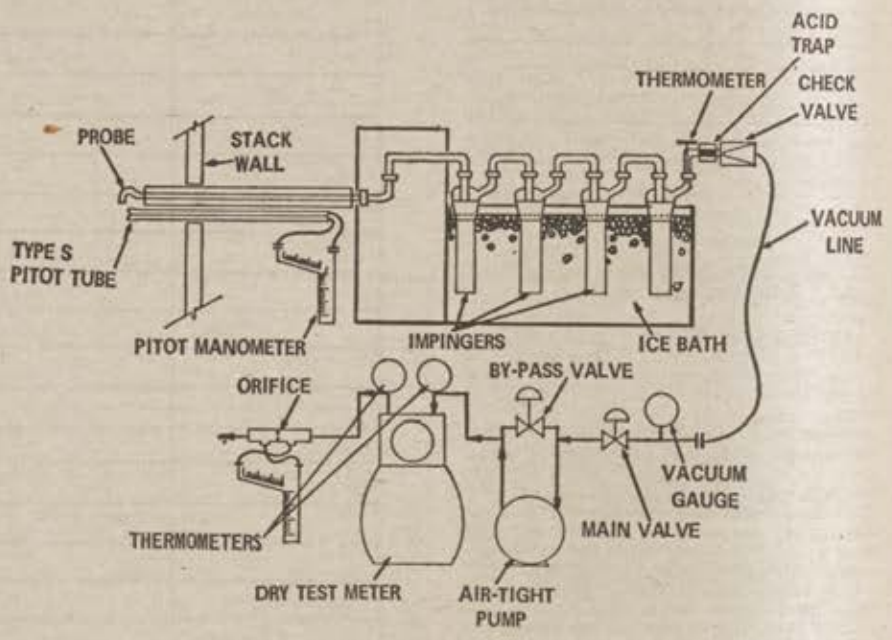

Figure 102-1. Mercury sampling train

2.1.1 *Nozzle.* Stainless steel or glass with sharp, tapered leading edge.

2.1.2 *Probe.* Sheathed Pyrex[2] glass.

2.1.3 *Pitot tube.* Type S (figure 102-2), or equivalent, with a coefficient within 5 percent over the working range, attached to probe to monitor stack gas velocity.

2.1.4 *Impingers.* Four Greenburg-Smith impingers connected in series with glass ball-joint fittings. The first, third, and fourth impingers may be modified by replacing the tip with one-half inch ID glass tube extending to one-half inch from the bottom of the flask.

2.1.5 *Acid trap.* Mine safety appliances air line filter, catalogue No. 81857, with acid absorbing cartridge and suitable connections, or equivalent.

2.1.6 *Metering system.* Vacuum gage, leakless pump, thermometers capable of measuring temperature to within 5°F, dry gas meter with 2 percent accuracy, and related equipment, described in APTD-0581, to maintain an isokinetic sampling rate and to determine sample volume.

2.1.7 *Barometer.* To measure atmospheric pressure to ± 0.1 in hg.

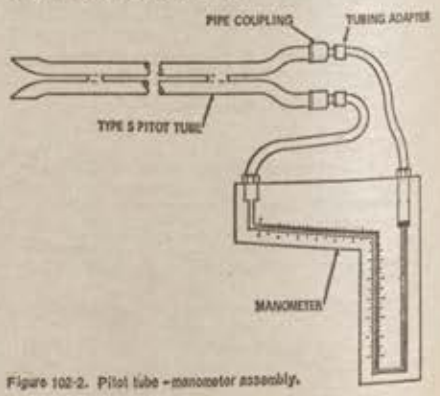

Figure 102-2. Pitot tube-manometer assembly.

[1] These documents are available for a nominal cost from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22151.

[2] Mention of trade names or commercial products does not constitute endorsement by the Environmental Protection Agency.

2.2 *Measurement of stack conditions (stack pressure, temperature, moisture, and velocity)*—2.2.1 *Pitot tube.* Type S, or equivalent, with a coefficient within 5 percent over theworking range.

2.2.2 *Differential pressure gage.* Inclined manometer, or equivalent, to measure velocity head to within 10 percent of the minimum value. Micromanometers should be used if warranted.

2.2.3 *Temperature gage.* Any temperature-measuring device to measure stack temperature to within 1° F.

2.2.4 *Pressure gage.* Pitot tube and inclined manometer, or equivalent, to measure stack pressure to within 0.1 in hg.

2.2.5 *Moisture determination.* Drying tubes, condensers, or equivalent, to determine stack gas moisture content in hydrogen to within 1 percent.

2.3 *Sample recovery*—2.3.1 *Leakless glass sample bottles.* 500 ml and 200 ml with Teflon-lined tops.

2.3.2 *Graduated cylinder.* 250 ml.

2.3.3 *Plastic jar.* Approximately 300 ml.

2.4 *Analysis*—2.4.1 *Spectrophotometer.* To measure absorbance at 253.7 nm. Perkin Elmer model 303, with a cylindrical gas cell (approximately 1.5 in o.d. x 7 in) with quartz glass windows, and hollow cathode source, or equivalent.

2.4.2 *Gas sampling bubbler.* Tudor Scientific Co. Smog Bubbler, catalogue No. TP-1150, or equivalent.

2.4.3 *Recorder.* To match output of spectrophotometer.

3. *Reagents.*—3.1 Stock reagents.—3.1.1 Potassium iodide. Reagent grade.

3.1.2 *Distilled water.*

3.1.3 *Potassium iodide solution, 25 percent.*—Dissolve 250 g of potassium iodide (reagent 3.1.1) in distilled water and dilute to 1 to 1.

3.1.4 *Hydrochloric acid.* Concentrated.

3.1.5 *Potassium iodate.* Reagent grade.

3.1.6 *Iodine monochloride (ICl) 1.0M.* To 800 ml of 25 percent potassium iodide solution (reagent 3.1.3), add 800 ml of concentrated hydrochloric acid. Cool to room temperature. With vigorous stirring, slowly add 135 g of potassium iodate and continue stirring until all free iodine has dissolved to give a clear orange-red solution. Cool to room temperature and dilute to 1,800 ml with distilled water. The solution should be kept in amber bottles to prevent degradation.

3.1.7 *Sodium hydroxide pellets.* Reagent grade.

3.1.8 *Nitric acid.* Concentrated.

3.1.9 *Hydroxylamine sulfate.* Reagent grade.

3.1.10 *Sodium chloride.* Reagent grade.

3.1.11 *Mercuric chloride.* Reagent grade.

3.2 *Sampling.* 3.2.1 *Absorbing solution, 0.1M ICl.* Dilute 100 ml of the 1.0M ICl stock solution (reagent 3.1.6) to 1 l with distsilled water. The solution should be kept in glass bottles to prevent degradation. This reagent should be stable for at least 2 months; however, periodic checks should be performed to insure quality.

3.2.2 *Wash acid.* 1:1 V/V nitric acid-water.

3.2.3 *Distilled, deionized water.*

3.2.4 *Silica gel.* Indicating type, 6 to 16 mesh, dried at 350°F for 2 hours.

3.3. *Analysis*—3.3.1 *Sodium hydroxide, 10N.* Dissolve 400 g of sodium hydroxide pellets in distilled water and dilute to 1 l.

3.3.2 *Reducing agent, 12 percent hydroxylamine sulfate, 12 percent sodium chloride.* To 60 ml of distilled water, add 12 g of hydroxylamine sulfate and 12 g of sodium chloride. Dilute to 100 ml. This quantity is sufficient for 20 analyses and must be prepared daily.

3.3.3 *Aeration gas.* Zero grade air.

3.3.4 *Hydrochloric acid, 0.3N.* Dilute 25.5 ml of concentrated hydrochloric acid to 1 l with distilled water.

3.4 *Standard mercury solutions*—3.4.1 *Stock solution.* Add 0.1354 g of mercuric chloride to 80 ml of 0.3N hydrochloric acid. After the mercuric chloride has dissolved, add 0.3N hydrochloric acid and adjust the volume to 100 ml. One ml of this solution is equivalent to 1 mg of free mercury.

3.4.2 *Standard solutions.* Prepare calibration solutions by serially diluting the stock solution (3.4.1) with 0.3N hydrochloric acid. Prepare solutions at concentrations in the linear working range for the instrument to be used. Solutions of 0.2 μg/ml, 0.4 μg/ml and 0.6 μg/ml have been found acceptable for most instruments. Store all solutions in glass-stoppered, glass bottles. These solutions should be stable for at least 2 months; however, periodic checks should be performed to insure quality.

4. *Procedure.* 4.1 Guidelines for source testing are detailed in the following sections. These guidelines are generally applicable; however, most sample sites differ to some degree and temporary alterations such as stack extensions or expansions often are required to insure the best possible sample site. Further, since mercury is hazardous, care should be taken to minimize exposure. Fnally, since the total quantity of mercury to be collected generally is small, the test must be carefully conducted to prevent contamination or loss of sample.

4.2 Selection of a sampling site and minimum number of traverse points.

4.2.1 Select a suitable sampling site that is as close as is practicable to the point of atmospheric emission. If possible, stacks smaller than 1 foot in diameter should not be sampled.

4.2.2 The sampling site should be at least eight stack or duct diameters downstream and two diameters upstream from any flow disturbance such as a bend, expansion or contraction. For rectangular cross section, determine an equivalent diameter from the following equation:

$$D_e = \frac{2LW}{L+W} \qquad \text{eq. 102-1}$$

where:

D_e = equivalent diameter.
L = length.
W = width.

4.2.3 When the above sampling site criteria can be met, the minimum number of traverse points is four (4) for stacks 1 foot in diameter or less, eight (8) for stacks larger than 1 foot but 2 feet in diameter or less, and twelve (12) for stacks larger than 2 feet.

4.2.4 Some sampling situations may render the above sampling site criteria impractical. When this is the case, choose a convenient sampling location and use figure 102-3 to determine the minimum number of traverse points. However, use figure 102-3 only for stacks 1 foot in diameter or larger.

4.2.5 To use figure 102-3, first measure the distance from the chosen sampling location to the nearest upstream and downstream disturbances. Divide this distance by the diameter or equivalent diameter to determine the distance in terms of pipe diameters. Determine the corresponding number of traverse points for each distance from figure 102-3. Select the higher of the two numbers of traverse points, or a greater value, such that for circular stacks the number is a multiple of four, and for rectangular stacks the number follows the criteria of section 4.3.2.

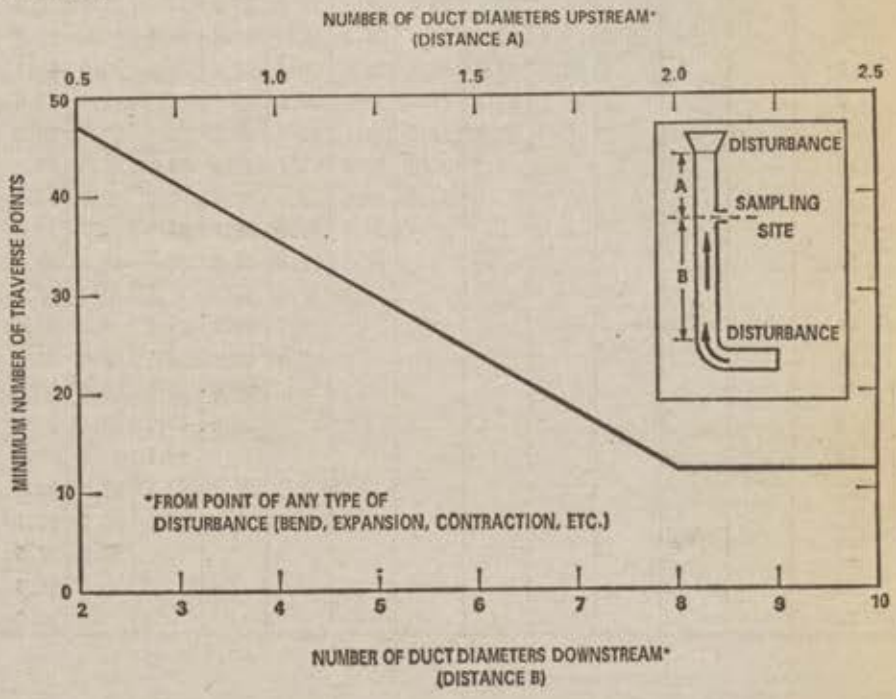

Figure 104-3. Minimum number of traverse points.

4.2.6 If a selected sampling point is closer than 1 inch from stack wall, adjust the location of that point to insure that the sample is taken at least 1 inch away from the wall.

4.3 Cross-sectional layout and location of traverse points.

4.3.1 For circular stacks locate the traverse points on at least two diameters according to figure 102-4 and table 102-1. The traverse axes shall divide the stack-cross section into equal parts.

4.3.2 For rectangular stacks divide the cross-section into as many equal rectangular areas as traverse points, such that the ratio of the length to the width of the elemental areas is between one and two. Locate the traverse points at the centroid of each equal area according to figure 102-5.

4.4 Measurement of stack conditions.

4.4.1 Set up the apparatus as shown in figure 102-2. Make sure all connections are tight and leak free. Measure the velocity head and temperature at the traverse points specified by section 4.2 and 4.3.

4.4.2 Measure the static pressure in the stack.

4.4.3 Determine the stack gas moisture.

Figure 102-4. Cross section of circular stack showing location of traverse points on perpendicular diameters.

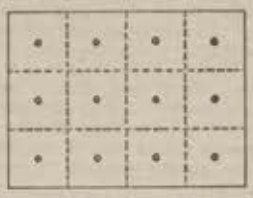

Figure 102-5. Cross section of rectangular stack divided into 12 equal areas, with traverse points at centroid of each area.

Table 102-1. Location of traverse points in circular stacks (Percent of stack diameter from inside wall to traverse point)

Traverse point number on a diameter	Number of traverse points on a diameter											
	2	4	6	8	10	12	14	16	18	20	22	24
1	14.6	6.7	4.4	3.3	2.5	2.1	1.8	1.6	1.4	1.3	1.1	1.1
2	85.4	25.0	14.7	10.5	8.2	6.7	5.7	4.9	4.4	3.9	3.5	3.2
3		75.0	29.5	19.4	14.6	11.8	9.9	8.5	7.5	6.7	6.0	5.5
4		93.3	70.5	32.3	22.6	17.7	14.6	12.5	10.9	9.7	8.7	7.9
5			85.3	67.7	34.2	25.0	20.1	16.9	14.6	12.9	11.6	10.5
6			95.6	80.6	65.8	35.5	26.9	22.0	18.8	16.5	14.6	13.2
7				89.5	77.4	64.5	36.6	28.3	23.6	20.4	18.0	16.1
8				96.7	85.4	75.0	63.4	37.5	29.6	25.0	21.8	19.4
9					91.8	82.3	73.1	62.5	38.2	30.6	26.1	23.0
10					97.5	88.2	79.9	71.7	61.8	38.8	31.5	27.2
11						93.3	85.4	78.0	70.4	61.2	39.3	32.3
12						97.9	90.1	83.1	76.4	69.4	60.7	39.8
13							94.3	87.5	81.2	75.0	68.5	60.2
14							98.2	91.5	85.4	79.6	73.9	67.7
15								95.1	89.1	83.5	78.2	72.8
16								98.4	92.5	87.1	82.0	77.0
17									95.6	90.3	85.4	80.6
18									98.6	93.3	88.4	83.9
19										96.1	91.3	86.8
20										98.7	94.0	89.5
21											96.5	92.1
22											98.9	94.5
23												96.8
24												98.9

4.4.4 Determine the stack gas molecular weight from the measured moisture content and knowledge of the expected gas stream composition. Sound engineering judgment should be used.

4.5 Preparation of sampling train.

4.5.1 Prior to assembly, clean all glassware (probe, impingers, and connectors) by rinsing with wash acid, tap water, 0.1M ICl, tap water, and finally distilled water. Place 100 ml of 0.1M ICl in each of the first three impingers, and place approximately 200 g. of preweighed silica gel in the fourth impinger. Save 80 ml of the 0.1M ICl as a blank in the sample analysis. Set up the train and the probe as in Figure 102-1.

4.5.2 Leak check the sampling train at the sampling site. The leakage rate should not be in excess of 1 percent of the desired sampling rate. Place crushed ice around the impingers. Add more ice during the run to keep the temperature of the gases leaving the last impinger at 70° F or less.

4.6 Mercury train operation.

4.6.1 Safety procedures. It is imperative that the sampler conduct the source test under conditions of utmost safety, since hydrogen and air mixtures are explosive. The sample train essentially is leakless, so that attention to safe operation can be concentrated at the inlet and outlet. The following specific items are recommended:

4.6.1.1 Operate only the vacuum pump during the test. The other electrical equipment, e.g. heaters, fans and timers, normally are not essential to the success of a hydrogen stream test.

4.6.1.2 Seal the sample port to minimize leakage of hydrogen from the stack.

4.6.1.3 Vent sampled hydrogen at least 10 feet away from the train. This can be accomplished easily by attaching a ½-in i.d. Tygon tube to the exhaust from the orifice meter.

4.6.2 For each run, record the data required on the sample sheet shown in figure 102-6. Take readings at each sampling point at least every 5 minutes and when significant changes in stack conditions necessitate additional adjustments in flow rate.

4.6.3 Sample at a rate of 0.5 to 1.0 cfm. Samples shall be taken over such a period or periods as are necessary to accurately determine the maximum emissions which would occur in a 24-hour period. In the case of cyclic operations, sufficient tests shall be made so as to allow accurate determination or calculation of the emissions which will occur over the duration of the cycle. A minimum sample time of 2 hours is recommended. In some instances, high mercury concentrations can prevent sampling in one run for the desired minimum time. This is indicated by reddening in the first impinger as free iodine is liberated. In this case, a run may be divided into two or more subruns to insure that the absorbing solutions are not depleted.

PLANT _____
LOCATION _____
OPERATOR _____
DATE _____
RUN NO. _____
SAMPLE BOX NO. _____
METER BOX NO. _____
METER $\Delta H_@$ _____
C FACTOR _____

SCHEMATIC OF STACK CROSS SECTION

AMBIENT TEMPERATURE _____
BAROMETRIC PRESSURE _____
ASSUMED MOISTURE, % _____

PROBE LENGTH, in. _____
NOZZLE DIAMETER, in. _____

TRAVERSE POINT NUMBER	SAMPLING TIME (θ), min.	STATIC PRESSURE (P_g), in. Hg	STACK TEMPERATURE (T_s), °F	VELOCITY HEAD (ΔP_s),	PRESSURE DIFFERENTIAL ACROSS ORIFICE METER [ΔH], in. H_2O	GAS SAMPLE VOLUME (Vm), ft³	GAS SAMPLE TEMPERATURE AT DRY GAS METER		SAMPLE BOX TEMPERATURE, °F	IMPINGER TEMPERATURE, °F
							INLET ($T_{m_{in}}$), °F	OUTLET ($T_{m_{out}}$), °F		
TOTAL							Avg.	Avg.		
AVERAGE							Avg.			

Figure 102-6. Field data

4.6.4 To begin sampling, position the nozzle at the first traverse point with the tip pointing directly into the gas stream. Immediately start the pump and adjust the flow to isokinetic conditions. Sample for at least 5 minutes at each traverse point; sampling time must be the same for each point. Maintain isokinetic sampling throughout the sampling period, using the following procedures.

4.6.4.1 Nomographs which aid in the rapid adjustment of the sampling rate without other computations are in APTD-0576 and are available from commercial suppliers. The available nomographs, however, are set up for use in air streams, and minor changes are required to provide applicability to hydrogen.

4.6.4.2 Calibrate the meter box orifice. Use the techniques as described in APTD-0576.

4.6.4.3 The correction factor nomograph discussed in APTD-0576 and shown on the reverse side of commercial nomographs will not be used. In its place, the correction factor will be calculated using equation 102-2.

$$C = 0.01 \frac{(C_p M_s)^2}{\Delta H_@} \frac{P_s}{P_m} \frac{T_m}{M_s} \qquad \text{eq. 102-2}$$

where:

C = Correction factor.
C_p = Pitot tube coefficient.
M_s = Mole fraction dry gas.
P_s = Stack pressure, inHg.
P_m = Meter pressure, inHg.
T_m = Meter temperature, °R.
M_s = Molecular weight of stack gas (from 4.4.4), lb/lb mole.
$\Delta H_@$ = Meter box calibration factor, obtained in step 4.6.4.2.

4.6.4.4 Set the calculated correction factor on the front of the operating nomograph. Select the proper nozzle and set the K-factor on the nomograph as detailed in APTD-0576.

4.6.4.5 Read the velocity head in the stack at each sample point from the manometer in the meter box. Convert the hydrogen ΔP to an equivalent value for air by multiplying by a ratio of the molecular weight of air to hydrogen at the stack moisture content. Insert this value of ΔP onto the nomograph and read off ΔH. Again, convert the ΔH, which is an air equivalent value, to the ΔH for hydrogen by dividing by 13. This factor includes the ratio of the dry molecular weights and a correction for the different orifice calibration factors for hydrogen and air. This procedure is diagrammed below:

Observe ΔP → Multiply by $\left(\frac{MW\ \text{air}}{MWH_2}\right)_{\text{wet}}$ → Set this on nomograph.

Read off ΔH → Divide by 13 = WH to be used on meter box.

4.6.4.6 Operate the sample train at the calculated ΔH at each sample point.

4.6.5 Turn off the pump at the conclusion of each run and record the final readings. Immediately remove the probe and nozzle from the stack and handle in accordance with the sample recovery process described in section 4.7.

4.7 Sample recovery.

4.7.1 (All glass storage bottles and the graduated cylinder must be precleaned as in section 4.5.1). This operation should be performed in an area free of possible mercury contamination. Industrial laboratories and ambient air around mercury-using facilities are not normally free of mercury contamination. When the sampling train is moved, care must be exercised to prevent breakage and contamination.

4.7.2 Disconnect the probe from the impinger train. Place the contents (measured to ±1 ml) of the first three impingers into a 500 ml sample bottle. Rinse the probe and all glassware between it and the back half of the third impinger with two 50 ml portions of 0.1M ICl solution. Add these rinses to the first bottle. For a blank, place 80 ml of the 0.1M ICl in a 100 ml sample bottle. Place the silica gel in the plastic jar. Seal and secure all containers for shipment. If an additional test is desired, the glassware can be carefully double rinsed with distilled water and reassembled. However, if the glassware is to be out of use more than 2 days, the initial acid wash procedure must be followed.

4.8 *Analysis*—4.8.1 *Apparatus preparation.*—Clean all glassware according to the procedure of section 4.5.1. Adjust the instrument settings according to the instrument manual, using an absorption wavelength of 253.7 nm.

4.8.2 *Analysis preparation.*—Adjust the air delivery pressure and the needle valve to obtain a constant air flow of about 1.3 l/min. The analysis tube should be bypassed except during aeration. Purge the equipment for 2 minutes. Prepare a sample of mercury standard solution (3.4.2) according to section 4.8.3. Place the analysis tube in the line, and aerate until a maximum peak height is reached on the recorder. Remove the analysis tube, flush the lines, and rinse the analysis tube with distilled water. Repeat with another sample of the same standard solution. This purge and analysis cycle is to be repeated until peak heights are reproducible.

4.8.3 *Sample preparation.*—Just prior to analysis, transfer a sample aliquot of up to 50 ml to the cleaned 100 ml analysis tube. Adjust the volume to 50 ml with 0.1M ICl if required. Add 5 ml of 10 N sodium hydroxide, cap tube with a clean glass stopper and shake vigorously. Prolonged, vigorous shaking at this point is necessary to obtain an accurate analysis. Add 5 ml of the reducing agent (reagent 3.3.2), cap tube with a clean glass stopper and shake vigorously and immediately place in sample line.

4.8.4 *Mercury determination.*—After the system has been stabilized, prepare samples from the sample bottle according to section 4.8.3. Aerate the sample until a maximum peak height is reached on the recorder. The mercury content is determined by comparing the peak heights of the samples to the peak heights of the calibration solutions. If collected samples are out of the linear range, the samples should be diluted. Prepare a blank from the 100 ml bottle according to section 4.8.3 and analyze to determine the reagent blank mercury level.

5. *Calibration.*—5.1 *Sampling Train.* 5.1.1 Use standard methods and equipment as detailed in APTD-0576 to calibrate the rate meter, pitot tube and dry gas meter. Recalibrate prior to each test series.

5.2 *Analysis.*—5.2.1 Prepare a calibration curve for the spectrophotometer using the standard mercury solutions. Plot the peak heights read on the recorder versus the concentration of mercury in the standard solutions. Standards should be interspersed with the samples since the calibration can change slightly with time. A new calibration curve should be prepared for each new set of samples run.

6. *Calculations*—6.1 *Average dry gas meter temperature, stack temperature, stack pressure and average orifice pressure drop.*—See data sheet (fig. 102-6).

6.2 *Dry gas volume.*—Correct the sample volume measured by the dry gas meter to stack conditions by using equation 102-3.

$$V_{m_s} = V_m \frac{T_s}{T_m} \frac{\left(P_{bar} + \frac{\Delta H}{13.6}\right)}{P_s} \qquad \text{eq. 102-3}$$

where:

V_{m_s} = Volume of gas sample through the dry gas meter (stack conditions), ft³.
V_m = Volume of gas sample through the dry gas meter (meter conditions), ft³.
T_s = Average temperature of stack gas, °R.
T_m = Average dry gas meter temperature, °R.
P_{bar} = Barometric pressure at the orifice meter, inHg.
ΔH = Average pressure drop across the orifice meter, inH_2O.
13.6 = Specific gravity of mercury.
P_s = Stack pressure, P_{bar} ± static pressure, inHg.

6.3 *Volume of water vapor.*

$$V_{w_s} = K_w V_{l_c} \frac{T_s}{P_s} \qquad \text{eq. 102-4}$$

where:

V_{w_s} = Volume of water vapor in the gas sample (stack conditions), ft^3.

$K_w = 0.00267 \frac{\text{in. Hg.} - ft^3}{\text{ml.} - {}^\circ R}$, when these units are used.

V_{l_c} = Total volume of liquid collected in impingers and silica gel (see figure 102-7), ml.

T_s = Average stack gas temperature, °R.

P_s = Stack pressure, $P_{bar} \pm$ static pressure, in. Hg.

6.4 *Total gas volume.*

$$V_{total} = V_{m_s} + V_{w_s} \qquad \text{eq. 102-5}$$

where:

V_{total} = total volume of gas sample (stack conditions), ft^3.

V_{m_s} = Volume of gas through dry gas meter (stack conditions), ft^3.

V_{w_s} = Volume of water vapor in gas sample (stack conditions), ft^3.

	VOLUME OF LIQUID WATER COLLECTED		
	IMPINGER VOLUME, ml	SILICA GEL WEIGHT, g	
FINAL			
INITIAL			
LIQUID COLLECTED			
TOTAL VOLUME COLLECTED		g*	ml

*CONVERT WEIGHT OF WATER TO VOLUME BY dividing total weight INCREASE BY DENSITY OF WATER. (1 g/ml)

$$\frac{\text{INCREASE, g}}{(1\ \text{g/ml})} = \text{VOLUME WATER, ml}$$

Figure 102-7. Analytical data.

6.5 *Stack gas velocity*—Use equation 102-6 to calculate the stack gas velocity.

$$(v_s)_{avg.} = K_p C_p (\sqrt{\Delta P})_{avg.} \sqrt{\frac{(T_s)_{avg.}}{P_s M_s}} \qquad \text{eq 102-6}$$

where:

$(v_s)_{avg.}$ = Average stack gas velocity, feet per second.

$K_p = 85.53 \frac{ft}{sec} \left(\frac{\text{lb-inHg}}{\text{lb mole}^\circ\text{-R-inH}_2\text{O}} \right)^{1/2}$, when these units are used.

C_p = Pitot tube coefficient, dimensionless.

$(T_s)_{avg.}$ = Average stack gas temperature, °R.

$(\sqrt{\Delta P})_{avg.}$ = Average square root of the velocity head of stack gas $(inH_2O)^{1/2}$ (see figure 102-8).

P_s = Stack pressure, $P_{bar} \pm$ static pressure, in Hg.

M_s = Molecular weight of stack gas (wet basis), the summation of the products of the molecular weight of each component multiplied by its volumetric proportion in the mixture, lb/lb-mole.

Figure 102-8 shows a sample recording sheet for velocity traverse data. Use the averages in the last two columns of figure 102-8 to determine the average stack gas velocity from equation 102-6.

6.6 Mercury collected. Calculate the total weight of mercury collected by using eq. 102-7.

PLANT____________________

DATE____________________

RUN NO.____________________

STACK DIAMETER, in.____________________

BAROMETRIC PRESSURE, in. Hg.____________________

STATIC PRESSURE IN STACK (P_g), in. Hg.____________________

OPERATORS____________________

SCHEMATIC OF STACK CROSS SECTION

Traverse point number	Velocity head, in. H_2O	$\sqrt{\Delta_p}$	Stack Temperature (T_S), °F
	AVERAGE:		

Figure 102-8. Velocity traverse data.

$$W_t = V_t C_t - V_b C_b \text{ ------ eq. 102-7}$$

where:

W_t = Total weight of mercury collected, μg.
V_t = Total volume of condensed moisture and ICl in sample bottle, ml.
C_t = Concentration of mercury measured in sample bottle, μg/ml.
V_b = Total volume of ICl used in sampling (impinger contents and all wash amounts), ml.
C_b = Blank concentration of mercury in ICl solution, μg/ml.

6.7 *Total mercury emission.*—Calculate the total amount of mercury emitted from each stack per day by equation 102-8. This equation is applicable for continuous operations. For cyclic operations, use only the time per day each stack is in operation. The total mercury emissions from a source will be the summation of results from all stacks.

$$R = \frac{W_t (v_s)_{avg} A_s}{V_{total}} \times \frac{86{,}400 \text{ seconds/day}}{10^6 \ \mu g/g} \qquad \text{eq. 102-8}$$

where:

R = Rate of emission, g/day.
W_t = Total weight of mercury collected, μg.
V_{total} = Total volume of gas sample (stack conditions), ft³.
$(v_s)_{avg}$ = Average stack gas velocity, feet per second.
A_s = Stack area, ft².

6.8 *Isokinetic variation (comparison of velocity of gas in probe tip to stack velocity).*

$$I = \frac{100 V_{total}}{A_n \oplus (v_s)_{avg}} \qquad \text{eq. 102-9}$$

where:

I = Percent of isokinetic sampling.
V_{total} = Total volume of gas sample (stack conditions), ft³.
A_n = Probe tip area, ft².
$\oplus$ = Sampling time, sec.
$(v_s)_{avg}$ = Average stack gas velocity, feet per second.

7. *Evaluation of results.*—7.1 Determination of compliance.—7.1.1 Each performance test shall consist of three repititions of the applicable test method. For the purpose of determining compliance with an applicable national emission standard, the average of results of all repetitions shall apply.

7.2 *Acceptable isokinetic results.*—7.2.1 The following range sets the limit on acceptable isokinetic sampling results: If $90\% \leq I \leq 110\%$, the results are acceptable; otherwise, reject the test and repeat.

8. *References.*—1. Addendum to Specifications for Incinerator Testing at Federal Facilities, PHS, NCAPC, Dec. 6, 1967.

2. Determining Dust Concentration in a Gas Stream, ASME Performance Test Code No. 27, New York, N.Y., 1957.

3. Devorkin, Howard, et al., Air Pollution Source Testing Manual, Air Pollution Control District, Los Angeles, Calif., Nov. 1963.

4. Hatch, W. R. and W. L. Ott, "Determination of Sub-Microgram Quantities of Mercury by Atomic Absorption Spectrophotometry." Anal. Chem., 40: 2085-87, 1968.

5. Mark, L. S., Mechanical Engineers' Handbook, McGraw-Hill Book Co., Inc., New York, N.Y., 1951.

6. Martin, Robert M., Construction Details of Isokinetic Source Sampling Equipment, Environmental Protection Agency, APTD-0581.

7. Methods for Determination of Velocity, Volume, Dust and Mist Content of Gases, Western Precipitation Division of Joy Manufacturing Co., Los Angeles, Calif. Bull. WP-50, 1968.

8. Perry, J. H., Chemical Engineers' Handbook, McGraw-Hill Book Co., Inc., New York, N.Y., 1960.

9. Rom, Jerome J., Maintenance, Calibration, and Operation of Isokinetic Source Sampling Equipment, Environmental Protection Agency, APTD-0576.

10. Shigehara, R. T., W. F. Todd, and W. S. Smith, Significance of Errors in Stack Sampling Measurements, Paper presented at the Annual Meeting of the Air Pollution Control Association, St. Louis, Mo., June 14-19, 1970.

11. Smith, W. S., et al., Stack Gas Sampling Improved and Simplified with New Equipment, APCA paper No. 67-119, 1967.

12. Smith, W. S., R. T. Shigehara, and W. F. Todd, A Method of Interpreting Stack Sampling Data, Paper presented at the 63d Annual Meeting of the Air Pollution Control Association, St. Louis, Mo., June 14-19, 1970.

13. Specifications for Incinerator Testing at Federal Facilities PHS, NCAPC, 1967.

14. Standard Method for Sampling Stacks for Particulate Matter. In: 1971 Book of ASTM Standards, part 23, Philadelphia, 1971, ASTM Designation D-2928-71.

15. Vennard, J. K., Elementary Fluid Mechanics, John Wiley and Sons, Inc., New York, 1947.

METHOD 103. BERYLLIUM SCREENING METHOD

1. *Principle and applicability.*—1.1 *Principle.*—Beryllium emissions are isokinetically sampled from three points in a duct or stack. The collected sample is analyzed for beryllium using an appropriate technique.

1.2 *Applicability.*—This procedure details guidelines and requirements for methods acceptable for use in determining beryllium emissions in ducts or stacks at stationary sources, as specified under the provisions of § 61.14 of the regulations.

2. *Apparatus*—2.1 *Sampling train.*—A schematic of the required sampling train configuration is shown in figure 103-1. The essential components of the train are the following:

2.1.1 *Nozzle.*—Stainless steel, or equivalent, with sharp, tapered leading edge.

2.1.2 *Probe.*—Sheathed Pyrex [1] glass.

2.1.3 *Filter.*—Millipore AA, or equivalent, with appropriate filter holder that provides a positive seal against leakage from outside or around the filter. It is suggested that a Whatman 41, or equivalent, be placed immediately against the back side of the Millipore filter as a guard against breakage of the Millipore. Include the Whatman 41 in the analysis. Equivalent filters must be at least 99.95 percent efficient (DOP Test) and amenable to the analytical procedure.

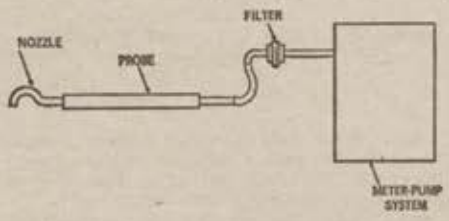

Figure 103-1. Beryllium screening method; sample train schematic.

2.1.4 *Meter-pump system.*—Any system that will maintain isokinetic sampling rate, determine sample volume, and is capable of a sampling rate of greater than 0.5 cfm.

2.2 *Measurement of stack conditions (stack pressure, temperature, moisture and velocity).*—The following equipment shall be used in the manner specified in section 4.3.1.

2.2.1 *Pitot tube.*—Type S, or equivalent, with a coefficient within 5 percent over the working range.

2.2.2 *Differential pressure gauge.*—Inclined manometer, or equivalent, to measure velocity head to within 10 percent of the minimum value.

[1] Mention of trade names or specific products does not constitute endorsement by the Environmental Protection Agency.

2.2.3. *Temperature gauge.*—Any temperature measuring device to measure stack temperature to within 5° F.

2.2.4 *Pressure gauge.*—Any device to measure stack pressure to within 0.1 in. Hg.

2.2.5 *Barometer.*—To measure atmospheric pressure to within 0.1 in. Hg.

2.2.6 *Moisture determination.*—Wet and dry bulb thermometers, drying tubes, condensers, or equivalent, to determine stack gas moisture content to within 1 percent.

2.3 *Sample recovery.*—2.3.1 *Probe cleaning equipment.*—Probe brush or cleaning rod at least as long as probe, or equivalent. Clean cotton balls, or equivalent, should be used with the rod.

2.3.2 *Leakless glass sample bottles.*

2.4 *Analysis.*—2.4.1 Equipment necessary to perform an atomic absorption, spectrographic, fluorometric, chromatographic, or equivalent analysis.

3. *Reagents.*—3.1 *Sample recovery.*—3.1.1 *Acetone.*—Reagent grade.

3.1.2 *Wash acid.*—1:1 V/V hydrochloric acid-water.

3.2 *Analysis.*—3.2.1 Reagents as necessary for the selected analytical procedure.

4. *Procedure.*—4.1 Guidelines for source testing are detailed in the following sections. These guidelines are generally applicable; however, most sample sites differ to some degree and temporary alterations such as stack extensions or expansions often are required to insure the best possible sample site. Further, since beryllium is hazardous, care should be taken to minimize exposure. Finally, since the total quantity of beryllium to be collected is quite small, the test must be carefully conducted to prevent contamination or loss of sample.

4.2 *Selection of a sampling site and number of runs.*—4.2.1 Select a suitable sampling site that is as close as practicable to the point of atmospheric emission. If possible, stacks smaller than 1 foot in diameter should not be sampled.

4.2.2 The sampling site should be at least eight stack or duct diameters downstream and two diameters upstream from any flow disturbance such as a bend, expansion or contraction. For rectangular cross-section, determine an equivalent diameter using the following equation:

$$D_e = \frac{2LW}{L+W} \text{ ---------- eq. 103-1}$$

where:

D_e = equivalent diameter
L = length
W = width

4.2.3 Some sampling situations may render the above sampling site criteria impractical. When this is the case, an alternate site may be selected but must be no less than two diameters downstream and one-half diameter upstream from any point of disturbance. Additional sample runs are recommended at any sample site not meeting the criteria of section 4.2.2.

4.2.4 Three runs shall constitute a test. The runs shall be conducted at three different points. The three points shall proportionately divide the diameter, i.e. be located at 25, 50 and 75 percent of the diameter from the inside wall. For horizontal ducts, the diameter shall be in the vertical direction. For rectangular ducts, sample on a line through the centroid and parallel to a side. If additional runs are required per section 4.2.3, proportionately divide the duct to accommodate the total number of runs.

4.3 *Measurement of stack conditions.* 4.3.1 Measure the stack gas pressure, moisture, and temperature, using the equipment described in § 2.2. Determine the molecular weight of the stack gas. Sound engineering estimates may be made in lieu of direct

measurements. The basis for such estimates shall be given in the test report.

4.4 *Preparation of sampling train.*—4.4.1 Assemble the sampling train as shown in figure 103-1. It is recommended that all glassware be precleaned by soaking in wash acid for 2 hours.

4.4.2 Leak check the sampling train at the sampling site. The leakage rate should not be in excess of 1 percent of the desired sample rate.

4.5 *Beryllium train operation.*—4.5.1 For each run, measure the velocity at the selected sampling point. Determine the isokinetic sampling rate. Record the velocity head and the required sampling rate.

4.5.2 Place the nozzle at the sampling point with the tip pointing directly into the gas stream. Immediately start the pump and adjust the flow to isokinetic conditions. At the conclusion of the test, record the sampling rate. Again measure the velocity head at the sampling point. The required isokinetic rate at the end of the period should not have deviated more than 20 percent from that originally calculated.

4.5.3 Sample at a minimum rate of 0.5 ft^3/min. Samples shall be taken over such a period or periods as are necessary to determine the maximum emissions which would occur in a 24-hour period. In the case of cyclic operations, sufficient tests shall be made so as to allow determination or calculation of the emissions which would occur over the duration of the cycle. A minimum sampling time of 2 hours is recommended.

4.5.4 All pertinent data should be included in the test report.

4.6 *Sample recovery.*—4.6.1 It is recommended that all glassware be precleaned as in § 4.4.1. Sample recovery should also be performed in an area free of possible beryllium contamination. When the sampling train is moved, exercise care to prevent breakage and contamination. Set aside a portion of the acetone used in the sample recovery as a blank for analysis. The total amount of acetone used should be measured for accurate blank correction. Blanks can be eliminated if prior analysis shows negligible amounts.

4.6.2 Remove the filter and any loose particulate matter from filter holder and place in a container.

4.6.3 Clean the probe with acetone and a brush or long rod and cotton balls. Wash into the container. Wash out the filter holder with acetone and add to the same container.

4.7 *Analysis.*—4.7.1 Make the necessary preparation of samples and analyze for beryllium. Any currently acceptable method such as atomic absorption, spectrographic, fluorometric, chromatographic, or equivalent may be used.

5. *Calibration and standards*—5.1 *Sampling train.*—5.1.1 As a procedural check, sampling rate regulation should be compared with a dry gas meter, spirometer, rotameter (calibrated for prevailing atmospheric conditions), or equivalent, attached to nozzle inlet of the complete sampling train.

5.1.2 Data from this test and calculations should be shown in test report.

5.2 *Analysis.*—5.2.1 Standardization is made as suggested by the manufacturer of the instrument or the procedures for the analytical method.

6. *Calculations*—6.1 *Total beryllium emission.* Calculate the total amount of beryllium emitted from each stack per day by equation 103-2. This equation is applicable for continuous operations. For cyclic operations, use only the time per day each stack is in operation. The total beryllium emissions from a source will be the summation of results from all stacks.

$$R=\frac{W_t(v_s)_{avg}A_s}{V_{total}}\times\frac{86{,}400\ \text{seconds/day}}{10^6\ \mu g/g}$$

where:

R = Rate of emission, g/day.
W_t = Total weight of beryllium collected, μg.
V_{total} = Total volume of gas sampled, ft^3.
$(v_s)_{avg}$ = Average stack gas velocity, feet per second.
A_s = Stack area, ft^2.

7. *Test report.* 7.1 A test report shall be prepared which shall include as a minimum:

7.1.1 A detailed description of the sampling train used and results of the procedural check with all data and calculations made.

7.1.2 All pertinent data taken during test, the basis for any estimates made, calculations, and results.

7.1.3 A description of the test site, including a block diagram with a brief description of the process, location of the sample points in the cross section, dimensions and distances from any point of disturbance.

METHOD 104. REFERENCE METHOD FOR DETERMINATION OF BERYLLIUM EMISSIONS FROM STATIONARY SOURCES

1. *Principle and applicability*—1.1 *Principle.*—Beryllium emissions are isokinetically sampled from the source, and the collected sample is digested in an acid solution and analyzed by atomic absorption spectrophotometry.

1.2 *Applicability.*—This method is applicable for the determination of beryllium emissions in ducts or stacks at stationary sources. Unless otherwise specified, this method is not intended to apply to gas streams other than those emitted directly to the atmosphere without further processing.

2. *Apparatus*—2.1 *Sampling train.*—A schematic of the sampling train used by EPA is shown in figure 104-1. Commercial models of this train are available, although construction details are described in APTD-0581,[1] and operating and maintenance procedures are described in APTD-0576. The components essential to this sampling train are the following:

2.1.1 *Nozzle.*—Stainless steel or glass with sharp, tapered leading edge.

2.1.2 *Probe.*—Sheathed Pyrex[2] glass. A heating system capable of maintaining a minimum gas temperature in the range of the stack temperature at the probe outlet during sampling may be used to prevent condensation from occurring.

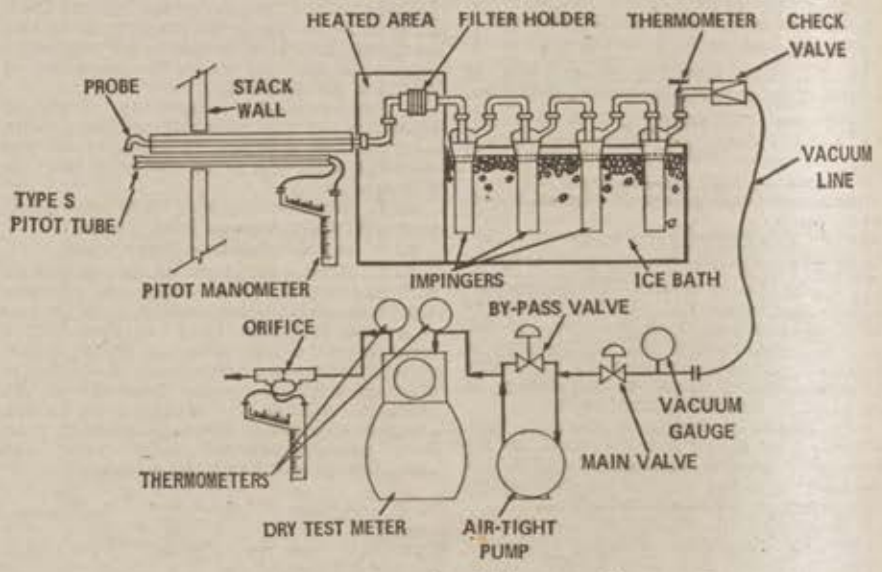

Figure 104-1. Beryllium sampling train

2.1.3 *Pitot tube.*—Type S (figure 104-2), or equivalent, with a coefficient within 5 percent over the working range, attached to probe to monitor stack gas velocity.

2.1.4 *Filter holder.*—Pyrex glass. The filter holder must provide a positive seal against leakage from outside or around the filter. A heating system capable of maintaining the filter at a minimum temperature in the range of the stack temperature may be used to prevent condensation from occurring.

2.1.5 *Impingers.*—Four Greenburg-Smith impingers connected in series with glass ball joint fittings. The first, third, and fourth impingers may be modified by replacing the tip with a ½-inch i.d. glass tube extending to one-half inch from the bottom of the flask.

2.1.6 *Metering system.*—Vacuum gauge, leakless pump, thermometers capable of measuring temperature to within 5° F, dry gas meter with 2 percent accuracy, and related equipment, described in APTD-0581, to maintain an isokinetic sampling rate and to determine sample volume.

2.1.7 *Barometer.*—To measure atmospheric pressure to ± 0.1 in Hg.

2.2 *Measurement of stack conditions (stack pressure, temperature, moisture and velocity)*—2.2.1 *Pitot tube.*—Type S, or equivalent, with a coefficient within 5 percent over the working range.

2.2.2 *Differential pressure gauge.*—Inclined manometer, or equivalent, to measure velocity head to within 10 percent of the minimum value.

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[1] These documents are available for a nominal cost from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22151.

[2] Mention of trade names on specific products does not constitute endorsement by the Environmental Protection Agency.

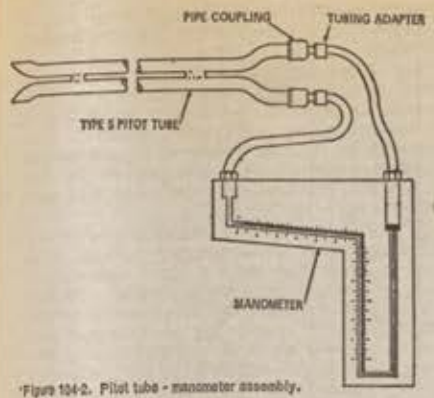

Figure 104-2. Pilot tube - manometer assembly.

2.2.3 *Temperature gage.*—Any temperature measuring device to measure stack temperature to within 5° F.

2.2.4 *Pressure gage.*—Pilot tube and inclined manometer, or equivalent, to measure stack pressure to within 0.1 in Hg.

2.2.5 *Moisture determination.*—Wet and dry bulb thermometers, drying tubes, condensers, or equivalent, to determine stack gas moisture content to within 1 percent.

2.3 *Sample recovery*—2.3.1 *Probe cleaning rod.*—At least as long as probe.

2.3.2 *Leakless glass sample bottles.*—500 ml.

2.3.3 *Graduated cylinder.*—250 ml.

2.3.4 *Plastic jar.*—Approximately 300 ml.

2.4 *Analysis*—2.4.1 *Atomic absorption spectrophotometer.*—To measure absorbance at 234.8 nm. Perkin Elmer Model 303, or equivalent, with N_2O/acetylene burner.

2.4.2 *Hot plate.*

2.4.3 *Perchloric acid fume hood.*

3. *Reagents*—3.1 *Stock reagents.*—3.1.1 *Hydrochloric acid.*—Concentrated.

3.1.2 *Perchloric acid.*—Concentrated, 70 percent.

3.1.3 *Nitric acid.*—Concentrated.

3.1.4 *Sulfuric acid.*—Concentrated.

3.1.5 *Distilled and deionized water.*

3.1.6 *Beryllium powder.*—98 percent minimum purity.

3.2 *Sampling*—3.2.1 *Filter.* — Millipore AA, or equivalent. It is suggested that a Whatman 41 filter be placed immediately against the back side of the Millipore filter as a guard against breaking the Millipore filter. In the analysis of the filter, the Whatman 41 filter should be included with the Millipore filter.

3.2.2 *Silica gel.*—Indicating type, 6 to 16 mesh, dried at 350° F for 2 hours.

3.2.3 *Distilled and deionized water.*

3.3 *Sample recovery*—3.3.1 *Distilled and deionized water.*

3.3.2 *Acetone.*—Reagent grade.

3.3.3 *Wash acid.*—1.1 V/V hydrochloric acid-water.

3.4 *Analysis.*—3.4.1 *Sulfuric acid solution, 12 N.*—Dilute 333 ml of concentrated sulfuric acid to 1 l with distilled water.

3.4.2 *25 percent V/V hydrochloric acid-water.*

3.5 *Standard beryllium solution*—3.5.1 *stock solution.*—1 μg/ml beryllium. Dissolve 10 mg of beryllium in 80 ml of 12 N sulfuric acid solution and dilute to a volume of 1000 ml with distilled water. Dilute a 10 ml aliquot to 100 ml with 25 percent V/V hydrochloric acid, giving a concentration of 1 μg/ml. This dilute stock solution should be prepared fresh daily. Equivalent strength (in beryllium) stock solutions may be prepared from beryllium salts as $BeCl_2$ and $Be(NO_3)_2$ (98 percent minimum purity).

4. *Procedure.* 4.1 Guidelines for source testing are detailed in the following sections. These guidelines are generally applicable; however, most sample sites differ to some degree and temporary alterations such as stack extensions or expansions often are required to insure the best possible sample site. Further, since beryllium is hazardous, care should be taken to minimize exposure. Finally, since the total quantity of beryllium to be collected is quite small, the test must be carefully conducted to prevent contamination or loss of sample.

4.2 Selection of a sampling site and minimum number of traverse points.

4.2.1 Select a suitable sampling site that is as close as practicable to the point of atmospheric emission. If possible, stacks smaller than 1 foot in diameter should not be sampled.

4.2.2 The sampling site should be at least 8 stack or duct diameters downstream and 2 diameters upstream from any flow disturbance such as a bend, expansion or contraction. For a rectangular cross-section, determine an equivalent diameter from the following equation:

$$D_e = \frac{2LW}{L+W} \qquad \text{eq. 104-1}$$

where:
D_e = equivalent diameter
L = length
W = width

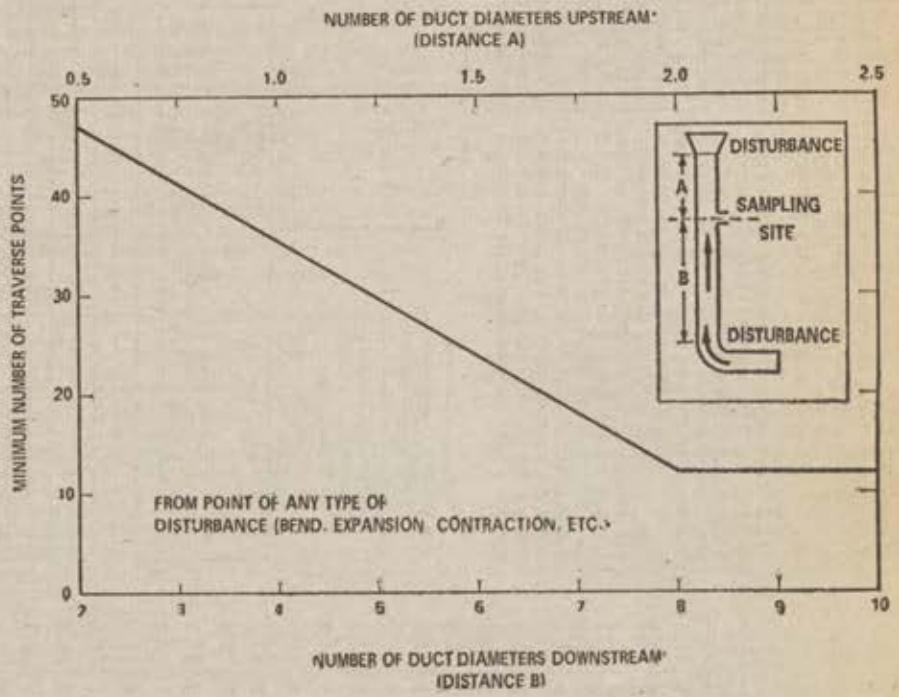

Figure 101-3. Minimum number of traverse points.

Figure 104-4. Cross section of circular stack showing location of traverse points on perpendicular diameters.

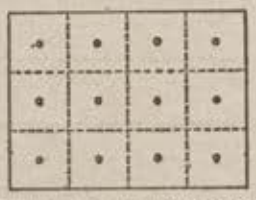

Figure 104-5. Cross section of rectangular stack divided into 12 equal areas, with traverse points at centroid of each area.

4.2.3 When the above sampling site criteria can be met, the minimum number of traverse points is four (4) for stacks 1 foot in diameter or less, eight (8) for stacks larger than 1 foot but 2 feet in diameter or less, and twelve (12) for stacks larger than 2 feet.

4.2.4 Some sampling situations may render the above sampling site criteria impractical. When this is the case, choose a convenient sampling location and use figure 104-3 to determine the minimum number of traverse points. However, use figure 104-3 only for stacks 1 foot in diameter or larger.

4.2.5 To use figure 104-3, first measure the distance from the chosen sampling location to the nearest upstream and downstream disturbances. Divide this distance by the diameter or equivalent diameter to determine the distance in terms of pipe diameters. Determine the corresponding number of traverse points for each distance from figure 104-3. Select the higher of the two numbers of traverse points, or a greater value, such that for circular stacks the number is a multiple of four, and for rectangular stacks the number follows the criteria of section 4.3.2.

4.2.6 If a selected sampling point is closer than 1 inch from the stack wall, adjust the location of that point to ensure that the sample is taken at least 1 inch away from the wall.

4.3 Cross-sectional layout and location of traverse points.

Table 104-1. Location of traverse points in circular stacks
(Percent of stack diameter from inside wall to traverse point)

Traverse point number on a diameter	Number of traverse points on a diameter											
	2	4	6	8	10	12	14	16	18	20	22	24
1	14.6	6.7	4.4	3.3	2.5	2.1	1.8	1.6	1.4	1.3	1.1	1.1
2	85.4	25.0	14.7	10.5	8.2	6.7	5.7	4.9	4.4	3.9	3.5	3.2
3		75.0	29.5	19.4	14.6	11.8	9.9	8.5	7.5	6.7	6.0	5.5
4		93.3	70.5	32.3	22.6	17.7	14.6	12.5	10.9	9.7	8.7	7.9
5			85.3	67.7	34.2	25.0	20.1	16.9	14.6	12.9	11.6	10.5
6			95.6	80.6	65.8	35.5	26.9	22.0	18.8	16.5	14.6	13.2
7				89.5	77.4	64.5	36.6	28.3	23.6	20.4	18.0	16.1
8				96.7	85.4	75.0	63.4	37.5	29.6	25.0	21.8	19.4
9					91.8	82.3	73.1	62.5	38.2	30.6	26.1	23.0
10					97.5	88.2	79.9	71.7	61.8	38.8	31.5	27.2
11						93.3	85.4	78.0	70.4	61.2	39.3	32.3
12						97.9	90.1	83.1	76.4	69.4	60.7	39.8
13							94.3	87.5	81.2	75.0	68.5	60.2
14							98.2	91.5	85.4	79.6	73.9	67.7
15								95.1	89.1	83.5	78.2	72.8
16								98.4	92.5	87.1	82.0	77.0
17									95.6	90.3	85.4	80.6
18									98.6	93.3	88.4	83.9
19										96.1	91.3	86.8
20										98.7	94.0	89.5
21											96.5	92.1
22											98.9	94.5
23												96.8
24												98.9

4.3.1 For circular stacks locate the traverse points on at least two diameters according to figure 104-4 and table 104-1. The traverse axes shall divide the stack cross section into equal parts.

4.3.2 For rectangular stacks divide the cross section into as many equal rectangular areas as traverse points, such that the ratio of the length to the width of the elemental areas is between 1 and 2. Locate the traverse points at the centroid of each equal area according to figure 104-5.

4.4 *Measurement of stack conditions.*—4.4.1 Set up the apparatus as shown in figure 104-2. Make sure all connections are tight and leak free. Measure the velocity head and temperature at the traverse points specified by §§ 4.2 and 4.3.

4.4.2 Measure the static pressure in the stack.

4.4.3 Determine the stack gas moisture.

4.4.4 Determine the stack gas molecular weight from the measured moisture content and knowledge of the expected gas stream composition. A standard Orsat analyzer has been found valuable at combustion sources. In all cases, sound engineering judgment should be used.

4.5 *Preparation of sampling train.*—4.5.1 Prior to assembly, clean all glassware (probe, impingers, and connectors) by soaking in wash acid for 2 hours. Place 100 ml of distilled water in each of the first two impingers, leave the third impinger empty, and place approximately 200 g of preweighted silica gel in the fourth impinger. Save a portion of the distilled water as a blank in the sample analysis. Set up the train and the probe as in figure 104-1.

4.5.2 Leak check the sampling train at the sampling site. The leakage rate should not be in excess of 1 percent of the desired sampling rate. If condensation in the probe or filter is a problem, probe and filter heaters will be required. Adjust the heaters to provide a temperature at or above the stack temperature. However, membrane filters such as the Millipore AA are limited to about 225° F. If the stack gas is in excess of about 200° F., consideration should be given to an alternate procedure such as moving the filter holder downstream of the first impinger to insure that the filter does not exceed its temperature limit. Place crushed ice around the impingers. Add more ice during the test to keep the temperature of the gases leaving the last impinger at 70° F. or less.

4.6 *Beryllium train operation.*—4.6.1 For each run, record the data required on the example sheet shown in figure 104-6. Take readings at each sampling point at least every 5 minutes and when significant changes in stack conditions necessitate additional adjustments in flow rate.

4.6.2 Sample at a rate of 0.5 to 1.0 ft.³/min. Samples shall be taken over such a period or periods as are necessary to accurately determine the maximum emissions which would occur in a 24-hour period. In the case of cyclic operations, sufficient tests shall be made so as to allow accurate determination or calculation of the emissions which will occur over the duration of the cycle. A minimum sample time of 2 hours is recommended.

PLANT _____
LOCATION _____
OPERATOR _____
DATE _____
RUN NO. _____
SAMPLE BOX NO. _____
METER BOX NO. _____
METER $\Delta H_@$ _____
C FACTOR _____

SCHEMATIC OF STACK CROSS SECTION

AMBIENT TEMPERATURE _____
BAROMETRIC PRESSURE _____
ASSUMED MOISTURE, % _____
HEATER BOX SETTING _____
PROBE LENGTH, in. _____
NOZZLE DIAMETER, in. _____
PROBE HEATER SETTING _____

TRAVERSE POINT NUMBER	SAMPLING TIME (θ), min.	STATIC PRESSURE (P_s), in. Hg	STACK TEMPERATURE (T_s), °F	VELOCITY HEAD, (ΔP_s),	PRESSURE-DIFFERENTIAL ACROSS ORIFICE METER (ΔH), in. H_2O	GAS SAMPLE VOLUME (V_m), ft^3	GAS SAMPLE TEMPERATURE AT DRY GAS METER		SAMPLE BOX TEMPERATURE, °F	IMPINGER TEMPERATURE, °F
							INLET ($T_{m_{in}}$), °F	OUTLET ($T_{m_{out}}$), °F		
TOTAL							Avg.	Avg.		
AVERAGE							Avg.			

Figure 104-6. Field data

4.6.3 To begin sampling, position the nozzle at the first traverse point with the tip pointing directly into the gas stream. Immediately start the pump and adjust the flow to isokinetic conditions. Sample for at least 5 minutes at each traverse point; sampling time must be the same for each point. Maintain isokinetic sampling throughout the sampling period. Nomographs which aid in the rapid adjustment of the sampling rate without other computations are in APTD-0576 and are available from commercial suppliers. Note that standard monographs are applicable only for type S pitot tubes and air or a stack gas with an equivalent density. Contact EPA or the sampling train supplier for instructions when the standard monograph is not applicable.

4.6.4 Turn off the pump at the conclusion of each run and record the final readings. Immediately remove the probe and nozzle

from the stack and handle in accordance with the sample recovery process described in § 4.7.

4.7 *Sample recovery.*—4.7.1 (All glass storage bottles and the graduated cylinder must be precleaned as in § 4.5.1.) This operation should be performed in an area free of possible beryllium contamination. When the sampling train is moved, care must be exercised to prevent breakage and contamination.

4.7.2 Disconnect the probe from the impinger train. Remove the filter and any loose particulate matter from the filter holder and place in a sample bottle. Place the contents (measured to ±1 ml) of the first three impingers into another sample bottle. Rinse the probe and all glassware between it and the back half of the third impinger with water and acetone, and add this to the latter sample bottle. Clean the probe with a brush or a long slender rod and cotton balls. Use acetone while cleaning. Add these to the sample bottle. Retain a sample of the water and acetone as a blank. The total amount of wash water and acetone used should be measured for accurate blank correction. Place the silica gel in the plastic jar. Seal and secure all sample containers for shipment. If an additional test is desired, the glassware can be carefully double rinsed with distilled water and reassembled. However, if the glassware is to be out of use more than 2 days, the initial acid wash procedure must be followed.

4.8 Analysis.

4.8.1 *Apparatus preparation.*—Clean all glassware according to the procedure of section 4.5.1. Adjust the instrument settings according to the instrument manual, using an absorption wavelength of 234.8 nm.

4.8.2 *Sample preparation.*—The digestion of beryllium samples is accomplished in part in concentrated perchloric acid. *Caution*: The analyst must insure that the sample is heated to light brown fumes after the initial nitric acid addition; otherwise, dangerous perchlorates may result from the subsequent perchloric acid digestion. Perchloric acid also should be used only under a perchloric acid hood.

4.8.2.1 Transfer the filter and any loose particulate matter from the sample container to a 150 ml beaker. Add 35 ml concentrated nitric acid. Heat on a hotplate until light brown fumes are evident to destroy all organic matter. Cool to room temperature and add 5 ml concentrated sulfuric acid and 5 ml concentrated perchloric acid. Then proceed with step 4.8.2.4.

4.8.2.2 Place a portion of the water and acetone sample into a 150 ml beaker and put on a hotplate. Add portions of the remainder as evaporation proceeds and evaporate to dryness. Cool the residue and add 35 ml concentrated nitric acid. Heat on a hotplate until light brown fumes are evident to destroy any organic matter. Cool to room temperature and add 5 ml concentrated sulfuric acid, and 5 ml concentrated perchloric acid. Then proceed with step 4.8.2.4.

4.8.2.3 Weigh the spent silica gel and report to the nearest gram.

4.8.2.4 Samples from 4.8.2.1 and 4.8.2.2 may be combined here for ease of analysis. Replace on a hotplate and evaporate to dryness in a perchloric acid hood. Cool and dissolve the residue in 10.0 ml of 25 percent V/V hydrochloric acid. Samples are now ready for the atomic absorption unit. The beryllium concentration of the sample must be within the calibration range of the unit. If necessary, further dilution of sample with 25 percent V/V hydrochloric acid must be performed to bring the sample within the calibration range.

4.8.3 *Beryllium determination.*—Analyze the samples prepared in 4.8.2 at 234.8 nm using a nitrous oxide/acetylene flame. Aluminum, silicon and other elements can interfere with this method if present in large quantities. Standard methods are available, however, to effectively eliminate these interferences (see Reference 5).

5. *Calibration*—5.1 *Sampling train.*—5.1.1 Use standard methods and equipment as detailed in APTD-0576 to calibrate the rate meter, pitot tube, dry gas meter and probe heater (if used). Recalibrate prior to each test series.

5.2 *Analysis.*—5.2.1 Standardization is made with the procedure as suggested by the manufacturer with standard beryllium solution. Standard solutions will be prepared from the stock solution by dilution with 25 percent V/V hydrochloric acid. The linearity of working range should be established with a series of standard solutions. If collected samples are out of the linear range, the samples should be diluted. Standards should be interspersed with the samples since the calibration can change slightly with time.

6. *Calculations*—6.1 *Average dry gas meter temperature, stack temperature, stack pressure and average orifice pressure drop.*—See data sheet (figure 104-6).

6.2 *Dry gas volume.*—Correct the sample volume measured by the dry gas meter to stack conditions by using equation 104-2.

$$V_{m_s} = V_m \frac{T_s}{T_m} \frac{\left(P_{bar} + \frac{\Delta H}{13.6}\right)}{P_s} \qquad \text{eq. 104-2}$$

where:

V_{m_s} = Volume of gas sample through the dry gas meter (stack conditions), ft³.

V_m = Volume of gas sample through the dry gas meter (meter conditions), ft³.

T_s = Average temperature of stack gas, °R.

T_m = Average dry gas meter temperature, °R.

P_{bar} = Barometric pressure at the orifice meter, in Hg.

ΔH = Average pressure drop across the orifice meter, in H_2O.

13.6 = Specific gravity of mercury.

P_s = Stack pressure, $P_{bar} \pm$ static pressure, in Hg.

6.3 *Volume of water vapor.*

$$W_{w_s} = K_w V_{l_c} \frac{T_s}{P_s} \qquad \text{eq. 104-3}$$

where:

V_{w_s} = Volume of water vapor in the gas sample (stack conditions), ft³.

$K_w = 0.00267 \frac{\text{inHg-ft}^3}{\text{ml}^\circ\text{R}}$, when these units are used.

V_{l_c} = Total volume of liquid collected in impingers and silica gel (see figure 104-7), ml.

T_s = Average stack gas temperature, °R.

P_s = Stack pressure, $P_{bar} \pm$ static pressure, in Hg.

6.4 *Total gas volume.*

$$V_{total} = V_{m_s} + V_{w_s} \qquad \text{eq. 104-4}$$

where:

V_{total} = Total volume of gas sample (stack conditions), ft³.

V_{m_s} = Volume of gas through dry gas meter (stack conditions), ft³.

V_{w_s} = Volume of water vapor in gas sample (stack conditions), ft³.

6.5 *Stack gas velocity.*

Use equation 104-5 to calculate the stack gas velocity.

$$(v_s)_{avg.} = K_p C_p (\sqrt{\Delta p})_{avg.} \sqrt{\frac{(T_s)_{avg.}}{P_s M_s}} \qquad \text{eq. 104-5}$$

where:

$(v_s)_{avg.}$ = Average stack gas velocity, feet per second.

$K_p = 85.53 \frac{\text{ft}}{\text{sec}} \left(\frac{\text{lb-inHg}}{\text{lb mole-°R-inH}_2\text{O}}\right)^{1/2}$, when these units are used.

C_p = Pitot tube coefficient, dimensionless.

$(T_s)_{avg.}$ = Average stack gas temperature, °R.

$(\sqrt{\Delta p})_{avg.}$ = Average square root of the velocity head of stack gas $(\text{inH}_2\text{O})^{1/2}$ (see figure 104-8).

P_s = Stack pressure, $P_{bar} \pm$ static pressure, in Hg.

M_s = Molecular weight of stack gas (wet basis), the summation of the products of the molecular weight of each component multiplied by its volumetric proportion in the mixture, lb/lb-mole.

	VOLUME OF LIQUID WATER COLLECTED		
	IMPINGER VOLUME, ml	SILICA GEL WEIGHT, g	
FINAL			
INITIAL			
LIQUID COLLECTED			
TOTAL VOLUME COLLECTED		g*	ml

*CONVERT WEIGHT OF WATER TO VOLUME BY dividing total weight INCREASE BY DENSITY OF WATER. (1 g/ml):

$$\frac{\text{INCREASE, g}}{(1\ \text{g/ml})} = \text{VOLUME WATER, ml}$$

Figure 104-7. Analytical data.

PLANT ______________________

DATE ______________________

RUN NO. ______________________

STACK DIAMETER, in. ______________________

BAROMETRIC PRESSURE, in. Hg. ______________________

STATIC PRESSURE IN STACK (P_g), in. Hg. ______________________

OPERATORS ______________________

SCHEMATIC OF STACK CROSS SECTION

Traverse point number	Velocity head, in. H_2O	$\sqrt{\Delta_p}$	Stack Temperature (T_S), °F
	AVERAGE:		

Figure 104-8. Velocity traverse data.

Figure 104-8 shows a sample recording sheet for velocity traverse data. Use the averages in the last two columns of figure 104-8 to determine the average stack gas velocity from equation 104-5.

6.6 *Beryllium collected.*—Calculate the total weight of beryllium collected by using equation 104-6.

$$W_t = V_t C_t - V_w C_w - V_a C_a \quad \text{eq. 104-6}$$

where:

W_t=Total weight of beryllium collected, µg.

V_t=Total volume of hydrochloric acid from step 4.8.2.4, ml.

C_t=Concentration of beryllium found in sample, µg/ml.

V_w=Total volume of water used in sampling (impinger contents plus all wash amounts), ml.

C_w=Blank concentration of beryllium in water, µg/ml.

V_a=Total volume of acetone used in sampling (all wash amounts), ml.

C_a=Blank concentration of beryllium in acetone, µg/ml.

6.7 *Total beryllium emissions.*—Calculate the total amount of beryllium emitted from each stack per day by equation 104-7. This equation is applicable for continuous operations. For cyclic operations, use only the time per day each stack is in operation. The total beryllium emissions from a source will be the summation of results from all stacks.

$$R = \frac{W_t (v_s)_{avg.} A_s}{V_{total}} \times \frac{86{,}400 \text{ seconds/day}}{10^6 \ \mu g/g} \quad \text{eq. 104-7}$$

where:

R=Rate of emission, g/day.

W_t=Total weight of beryllium collected, µg.

V_{total}=Total volume of gas sample (stack conditions), ft³.

$(v_s)_{avg.}$=Average stack gas velocity, feet per second.

A_s=Stack area, ft².

6.8 *Isokinetic variation (comparison of velocity of gas in probe tip to stack velocity).*

$$I = \frac{100 V_{total}}{A_n \Theta (vs)_{avg.}} \quad \text{eq. 104-8}$$

where:

I=Percent of isokinetic sampling.

V_{total}=Total volume of gas sample (stack conditions), ft³.

A_n=Probe tip area, ft².

Θ=Sampling time, sec.

$(v_s)_{avg.}$=Average stack gas velocity, feet per second.

7. *Evaluation of results*—7.1 *Determination of compliance.*—7.1.1 Each performance test shall consist of three repetitions of the applicable test method. For the purpose of determining compliance with an applicable national emission standard, the average of results of all repetitions shall apply.

7.2 *Acceptable isokinetic results.*—7.2.1 The following range sets the limit on acceptable isokinetic sampling results:

If 90 percent $\leq I \leq 110$ percent, the results are acceptable; otherwise, reject the test and repeat.

7. *References.*—

1. Addendum to Specifications for Incinerator Testing at Federal Facilities, PHS, NCAPC, December 6, 1967.

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6. Mark, L. S., Mechanical Engineers' Handbook, McGraw-Hill Book Co., Inc., New York, N.Y., 1951.

7. Martin, Robert M., Construction Details of Isokinetic Source Sampling Equipment, Environmental Protection Agency, APTD-0581.

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14. Smith, W. S., R. T. Shigehara, and W. F. Todd, A Method of Interpreting Stack Sampling Data, Paper presented at the 63d annual meeting of the Air Pollution Control Association, St. Louis, Mo., June 14-19, 1970.

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PART III

DEPARTMENT OF LABOR

Employment Standards Administration

■

Minimum Wages for Federal and Federally Assisted Construction

Area Wage Determination Decisions, Modifications, and Supersedeas Decisions; Index

DEPARTMENT OF LABOR

Employment Standards Administration

MINIMUM WAGES FOR FEDERAL AND FEDERALLY ASSISTED CONSTRUCTION

Area Wage Determination Decisions, Modifications, and Supersedeas Decisions

Area wage determination decisions.—Area wage determination decisions of the Secretary of Labor specify, in accordance with applicable law and on the basis of information available to the Department of Labor from its study of local wage conditions and from other sources, the basic hourly wage rates and fringe benefit payments which are determined to be prevailing for the described classes of laborers and mechanics employed in construction activity of the character and in the localities specified therein.

The determinations in these decisions of such prevailing rates and fringe benefits have been made by authority of the Secretary of Labor pursuant to the provisions of the Davis-Bacon Act of March 3, 1931, as amended (46 Stat. 1494, as amended, 40 U.S.C. 276a) and of other Federal statutes referred to in 29 CFR 1.1 (including the statutes listed at 36 F.R. 306 following Secretary of Labor's Order No. 24–70) containing provisions for the payment of wages which are dependent upon determinations by the Secretary of Labor under the Davis-Bacon Act; and pursuant to the provisions of part 1 of subtitle A of title 29 of Code of Federal Regulations, Procedure for Predetermination of Wage Rates (37 F.R. 21138), and of Secretary of Labor's Orders 12–71 and 15–71 (36 F.R. 8755, 8756). The prevailing rates and fringe benefits determined in these decisions shall, in accordance with the provisions of the foregoing statutes, constitute the minimum wages payable on Federal and federally assisted construction projects to laborers and mechanics of the specified classes engaged on contract work of the character and in the localities described therein.

Good cause is hereby found for not utilizing notice and public procedure thereon prior to the issuance of these determinations as prescribed in 5 U.S.C. 553 and not providing for delay in effective date as prescribed in that section, because the necessity to issue construction industry wage determinations frequently and in large volume causes procedures to be impractical and contrary to the public interest.

Area wage determination decisions are effective from their date of publication in the FEDERAL REGISTER without limitation as to time and are to be used in accordance with the provisions of 29 CFR parts 1 and 5. Accordingly, the applicable decision together with any modifications issued subsequent to its publication date shall be made a part of every contract for performance of the described work within the geographic area indicated as required by an applicable Federal prevailing wage law and 29 CFR part 5. The wage rates contained therein shall be the minimum paid under such contract by contractors and subcontractors on the work.

Modifications and supersedeas decisions to area wage determination decisions.—Modifications and supersedeas decisions to area wage determination decisions are based upon information obtained concerning changes in prevailing hourly wage rates and fringe benefit payments since the decisions were issued.

The determinations of prevailing rates and fringe benefits made in the modifications and supersedeas decisions have been made by authority of the Secretary of Labor pursuant to the provisions of the Davis-Bacon Act of March 3, 1931, as amended (46 Stat. 1494, as amended, 40 U.S.C. 276a) and of other Federal statutes referred to in 29 CFR 1.1 (including the statutes listed at 36 F.R. 306 following Secretary of Labor's Order No. 24–70) containing provisions for the payment of wages which are dependent upon determination by the Secretary of Labor under the Davis-Bacon Act; and pursuant to the provisions of part 1 of subtitle A of title 29 of Code of Federal Regulations, Procedure for Predetermination of Wage Rates, (37 F.R. 21138), and of Secretary of Labor's Orders 13–71 and 15–71 (36 F.R. 8755, 8756). The prevailing rates and fringe benefits determined in foregoing area wage determination decisions, as hereby modified, and/or superseded shall, in accordance with the provisions of the foregoing statutes, constitute the minimum wages payable on Federal and federally assisted construction projects to laborers and mechanics of the specified classes engaged in contract work of the character and in the localities described therein.

Modifications and supersedeas decisions are effective from their date of publication in the FEDERAL REGISTER without limitation as to time and are to be used in accordance with the provisions of 29 CFR parts 1 and 5.

Any person, organization, or governmental agency having an interest in the wages determined as prevailing is encouraged to submit wage rate information for consideration by the Department. Further information and self-explanatory forms for the purpose of submitting this data may be obtained by writing to the U.S. Department of Labor, Employment Standards Administration, Office of Special Wage Standards, Division of Wage Determinations, Washington, D.C. 20210. The cause for not utilizing the rulemaking procedures prescribed in 5 U.S.C. 553 has been set forth in the original area wage determination decision.

Set forth below in this document are the following:

New area wage determination decisions Nos. AP–289; AP–524; AP–498; AP–496; and AP–497 for the States of Montana, Nebraska, New Hampshire, and Rhode Island, respectively.

Modifications to area wage determination decisions for the following States (the numbers of the decisions being modified and their dates of publication in the FEDERAL REGISTER are listed with each State):

Connecticut:	
AP–471; AP–478	Mar. 9, 1973.
AP–473; AP–473; AP–474; AP–475; AP–476; AP–477.	Mar. 16, 1973.
Georgia:	
AP–148; AP–149	Jan. 19, 1973.
Illinois:	
AP–24	Oct. 6, 1972.
AP–616; AP–619; AP–620	Feb. 2, 1973.
AP–604; AP–617; AP–618	Jan. 26, 1973.
Maryland:	
AP–492	Mar. 9, 1973.
Massachusetts:	
AP–456; AP–457; AP–458; AP–459; AP–460; AP–461.	Jan. 19, 1973.
New York:	
AP–487	Mar. 9, 1973.
Oregon:	
AP–277	Mar. 23, 1973.
Pennsylvania:	
AP–479	Mar. 2, 1973.
Tennessee:	
AM–8610	June 19, 1972.
AP–139	Dec. 1, 1972.
Virginia:	
AP–492	Mar. 9, 1973.
Washington, D.C.:	
AP–491	Mar. 9, 1973.

Supersedeas decisions to area wage determination decisions for the following States (the numbers of the decisions being superseded and their dates of publication in the FEDERAL REGISTER are listed with each State; supersedeas decision numbers are in parentheses following the number of the decision being superseded):

California:	
AP–235 (AP–287)	Sept. 15, 1972.
AP–246 (AP–288)	Oct. 13, 1972.
Montana:	
AP–240 (AP–285); AP–241 (AP–286)	Sept. 22, 1972.
Nevada:	
AM–6197 (AP–290)	Nov. 19, 1971.
Oregon:	
AP–271 (284)	Mar. 23, 1973.
Washington:	
AP–263 (AP–283)	Mar. 9, 1973.

Signed at Washington, D.C., this 30th day of March 1973.

WARREN D. LANDIS,
Assistant Administrator,
Wage and Hour Division.

NEW DECISION

STATE: New Hampshire
DECISION NO.: AP-498
COUNTY: Hillsboro
DATE: Date of Publication
DESCRIPTION OF WORK: Residential Construction (consisting of single family homes and garden type apartments up to and including 4-stories).

6-New Hampshire-1-A 1

RESIDENTIAL CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
Asbestos workers	$7.705	.40	.30		.01	
Boilermakers	8.705	.50	10%		.01	
Bricklayers, cement masons, marble setters, plasterers, stone masons, terrazzo workers and tile setters:						
Remainder of County	6.95	.40	.35		.01	
Hillsboro Antrim, Hancock, N. Branch, Hillsboro Upper and Lower Villages	7.25	.25				
Carpenters:						
Pelham:						
Carpenters and soft floor layers	8.75	.30	.30		.02	
Millwrights	8.50	.30	.30		.01	
Remainder of County:						
Carpenters and soft floor layers	6.56	.25	.20		.01	
Piledrivermen, wharf, dock builders and millwrights	7.36	.25	.20		.01	
Electricians:						
Pelham:						
Electricians	7.95	.25	1%		.02	
Remainder of County:						
Electricians	8.35	.25	1%			
Elevator constructors	9.125	.345	.23	2%+a+b	.015	
Elevator constructors' helpers	6.39	.345	.23	2%+a+b	.015	
Elevator constructors' helpers (Prob.)	4.56					
Glaziers	6.02	.25	.16			
Ironworkers:						
Structural, ornamental and reinforcing	7.70	.45	.80		.02	
Laborers, Bldg.:						
Common laborers, wreckers, tenders, and hod carriers, asphalt rakers	5.40	.20	.25			
Plasterers tenders	5.55	.20	.25			
Drillers, pavement breakers, jackhammer operators, and chipping gun operator	5.80	.20	.25			
All other pneumatic tool operator on boiler and stack work	6.30	.20	.25			
Boiler and stack work	5.90	.20	.25			
Lead burners	8.25	.30		c	.01	
Line Construction:						
Linemen	6.55		1%	d		
Equipment operator	6.10		1%	d		
Groundman	4.33		1%	d		
Driver groundman	5.10		1%	d		
Marble setters' helpers	5.05	.15	.10			
Painters:						
Brush	4.70	.175				
Steel, open structural and spray	5.95	.175				
Steel, enclosed over 25'	5.80	.175				
Steeplejack	6.80	.175				

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6-New Hampshire-1-A 2 of

RESIDENTIAL CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Or
Plumbers and Steamfitters:						
Hudson and Pelham	$8.10	.40	.40		.02	
Remainder of County	8.08	.35	.25		.02	
Roofers:						
Composition	5.65					
Helpers	4.90					
Sheet metal workers	8.02	.31	.32			
Sprinkler fitters	7.45	.30	.50		.05	
Terrazzo workers' helpers	7.40	.20	.10			
Tile setters' helpers	5.05	.15	.10			
Welders - receive rate prescribed for craft performing operation to which welding is incidental.						

PAID HOLIDAYS:
A-New Years' Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

FOOTNOTES:

a. Employer contributes 4% basic hourly rate for 5 years or more of service or 2% basic hourly rate for 6 months to 5 years of service as Vacation Pay Credit.

b. Holidays: A through F.

c. Holidays: A through F, Washington's Birthday and Good Friday, and Christmas Eve, providing employee has worked 45 full days during the 120 calendar days prior to the holiday, and the regular scheduled work days immediately preceding and following the holiday.

d. Holidays C, D, E, F, provided the employee has been employed 10 working days prior to the holiday and provided the employee works the scheduled work day immediately preceding and following the holiday.

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N.H.-1-PEO-1 P 1 of 2

RESIDENTIAL CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
POWER EQUIPMENT OPERATORS:						
Shovels, cranes, draglines, derricks, elevators with Chicago boom, backhoes, gradalls, elevating graders, pile driving rigs, concrete road, pavers, all three drum hoisting and trenching machines	$8.00	.25	.40	a	.05	
Rotary drill (with mounted compressor) compressor house (3 to 6 compressors) rock and earth boring machines (excluding McCarthy and similar drills), graders, 4 yards and over front end loader, two drum hoists, high fork lifts with capacity of 15 feet and over	7.75	.25	.40	a	.05	
Bulldozers, push cats, scrapers, (self-propelled or tractor drawn), asphalt paver, front end loader (3/4 yard up to 4 yards), well drillers, mechanics, pumpcrete machines, concrete pumps, and similar type pumps, engineer or fireman on high pressure boiler (on job), self-loading batch plant, well point operators, (including installing), engineer-in-charge of powered grease truck, all automatic elevators (permanent or temporary) operated manually or by remote controls	7.55	.25	.40	a	.05	
Single drum hoist, self-powered roller, self-propelled compactors, power pavement breakers, concrete pavement finishing machines, two bag mixers with skip, front end loaders (under 3/4 yard), McCarthy and similar drills, batch plant (not self-loading), bulk cement plants, self-propelled material spreaders, A-frame trucks, and fork lifts (up to fifteen feet)	7.125	.25	.40	a	.05	
Compressor 315 cubic feet and over, one or two), pumps (4 inches and over-total discharge) when total discharge is over 12 inches, classification 3 will be paid, tractor (without blade or bucket) drawing roller, compactors or other machines used for pulverizing, grading or seeding	7.10	.25	.40	a	.05	

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N.H.-1-PEO-1 P 2 of 2

RESIDENTIAL CONSTRUCTION (Continued)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
Compressors (up to 315 cubic feet) small mixers, pumps (up to 4 inches), power heaters, welding machines (when 3 or more heaters or welding machines are used on one job, classification 4 rate will be paid), conveyor, oiler, including helpers on grease trucks and grease trucks with hand greasing equipment	$6.55	.25	.40	a	.05	
Cranes with boom lengths of 200 feet or more	9.00	.25	.40	a	.05	
Crane with boom length of 150 feet or more	8.50	.25	.40	a	.05	

PAID HOLIDAYS:
A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

FOOTNOTE:
a. Holidays: A through F and Veterans Day, Washington's Birthday and Columbus Day.

TRUCK DRIVERS, RESIDENTIAL	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
Two Axle Equipment	$3.90	.25	.20	a		
Three Axle Equipment including low beds	4.11	.25	.20	a		
Special earth hauling equipment other than conventional type on the road trucks and semitrailers trailer dumps	4.32	.25	.20	a		

PAID HOLIDAYS:
A-New Year's Day; B-Memorial Day;
C-Independence Day; D-Labor Day;
E-Thanksgiving Day; F-Christmas Day.

FOOTNOTE:

a. Holidays: A through F, plus Washington's Birthday, Veterans' Day and Columbus Day; (provided employee works two days in the calendar week in which the holiday falls; reports for work the last day assigned prior to the holiday and the first day assigned following the holiday).

NEW DECISION

STATE: Montana COUNTY: Silver Bow
DECISION NO. AP-289 DATE: Date of Publication
DESCRIPTION OF WORK: Residential construction consisting of single family homes and garden type apartments up to and including 4 stories.

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
Bricklayers	$7.00					
Carpenters	5.87	.30	.35	.50		
Cement masons	4.90	.30		.60		
Electricians	6.65	.30	1%		1%	
Ironworkers:						
Structural, Ornamental and Reinforcing	7.10	.40	.65		.05	
Painters, brush	5.56					
Plumbers	6.30	.25	.15		.05	
Sheet metal workers	6.55	.27	.20			

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
LABORERS						
Common laborer; Laborers with roofers; Moving, cleaning, oiling and carring to the next point of erection, and the stripping of forms which are not to be re-used, and of forms on all flat arch work; Laborer dumpman; Fence erector and installer - includes the installation and erection of highway fences, guard rails, median curbs, reference posts, guide posts and right-of-way markers; Breaking and drilling concrete, by hand, except for blasting; Breaking and drilling of asphalt pavement by hand; Mixing and paving cold asphalt pavement; Axeman; Chuck tender and nipper, above ground; Nozzleman, air and water; Scissorman; Stake jumper	4.225	.15	.20	.405	.02	
Riprapping of stone, rock or brick	4.30	.15	.20	.405	.02	
Hand faller	4.305	.15	.20	.405	.02	
Post hole digger, power auger	4.32	.15	.20	.405	.02	
Tunnel and shafts - Free air, bull-gang, pot tender	4.325	.15	.20	.405	.02	
Mechanical tamper; Pavement breaker or other power tools used by laborers not otherwise classified	4.35	.15	.20	.405	.02	
Installing metallic or non-metallic highway culvert pipe incl. sectional plate pipe 48" and under	4.375	.15	.20	.405	.02	
Choker setter; Pipewrapper; Power saw (bucking and falling); Brakeman; Chucktenders; Muckers; Rippers; Primerlouseman	4.385	.15	.20	.405	.02	
Wagon driller, running jackhammer or hand drilling for blasting and sand-blasting; Car or turck mounted air operated drills	4.40	.15	.20	.405	.02	

AP-280 P. 3

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
LABORERS(Cont'd)						
Laying of all sewer tile or drain pipe; Mixing and paving hot asphalt pavement	4.475	.15	.20	.405	.02	
Powderman	4.50	.15	.20	.405	.02	
Highscaler; Concrete nozzleman; Miners	4.585	.15	.20	.405	.02	
Core drill operator	4.825	.15	.20	.405	.02	

AP-280 P. 4

MON-3-PEO-1-f (1-4)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oths
POWER EQUIPMENT OPERATORS:						
A-FRAME TRUCK CRANE	$ 6.71	.45	.45		.02	
AIR COMPRESSOR, single	6.40	.45	.45		.02	
AIR COMPRESSOR, 2 or more; Belt finishing; Conveyor loader, over 42" belt; Roller, steel & self-propelled rubber on other than blade or hot-mix oil paving	6.57	.45	.45		.02	
AIR DOCTOR; Asphalt paving machine, or screed; Bit grinder; Bituminous mixer, paver; Boring machine, large (for guard rail holes); Bulldozer, rubber-tired or otherwise; Concrete batch plant, 1 & 2 mixers; Concrete bucket dispatcher; Concrete Curing Machine; Concrete finishing machine, paving; Concrete float & spreader; Concrete Power saw, self-propelled; Concrete travel batcher; Crusher and/or screening plant; Distributor; Elevating grader; Gradall; Heavy duty rotary drills (Quarry Master, Joy drills & similar types); Hoist, or air tugger, 2 or more drums; Hot plant; Hot plant; Hot plant fireman (when in operation); Industrial Locomotive, all types; Loaders, rubber-tired, over 1 yd. to & incl. 3 yds.; Loaders, track-type, up to & incl. 5 yds.; Loaders, traxacavator & Athey; Loader & Hoe combination, rubber-tired, loader 1 yd. & under, hoe 1 yd. & under; Mountain logger or similar; Mucking Machine; Pavement breaker, Ensco & similar; Power auger, large truck or tractor, mounted & punch; Power mixer, single or double drum; Power saw, self-propelled, multiple cut; Pumpcrete or grout machine; Push tractor; Refrigerator plant; Roller, steel & self-propelled rubber on Blade on hot-mix oil paving Roller, 25 tons, working weight or over, any type or make; Roller, Wagner & similar; Ross & similar type Carriers (on Constr. site); Scraper DW 10; Scraper, DW 15, 20, 21 & similar if Power unit is not used; Self-propelled sheepsfoot & similar; Shov-						

AP-289 P. 5

MON-3-PEO-1-f (2-4)

POWER EQUIPMENT OPERATORS: (Cont)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oths
els, incl. all attachs, under 1 yd.; Trenching machine; Turnhead conveyor or head tower op. on batch plant; water pull, when used for compaction; Washing & screening plant	6.87	.45	.45		.02	
AUTOMATIC FINEGRADER, gurries & similar; Motor patrol; Paving & mixing machine; Scraper, DW 15, 20, 21 & similar if power unit is used; Scraper, single engine; Slip form paver	7.00	.45	.45		.02	
BORING MACHINE; Concrete mixer, 3 bags & under; Fireman; Heavy duty rotary drill helper; Retort op.	6.46	.45	.45		.02	
BROOM OP., self-propelled	6.54	.45	.45		.02	
CABLEWAY OP.	7.38	.45	.45		.02	
CEMENT SILO	6.66	.45	.45		.02	
CENTRAL MIXING PLANTS, concrete dams & stationary	7.12	.45	.45		.02	
CHAIN BUCKET LOADER; Chip-gravel spreader self-propelled; DW 10, 15, 20 tractor pulling roller	6.59	.45	.45		.02	
CONCRETE BATCH PLANT OP., 3 & 4 mixers	7.07	.45	.45		.02	
CONCRETE BATCH PLANT OP., 5 mixers & over	7.27	.45	.45		.02	
CONCRETE BATCH PLANT OILER, up to & incl. 2 mixers	6.39	.45	.45		.02	
CONCRETE BATCH PLANT OILER, 3 mixers & over	6.70	.45	.45		.02	
CONCRETE MIXER OP., 4 bags & over	6.63	.45	.45		.02	
CONVEYOR LOADER, to & incl. 42" belt	6.45	.45	.45		.02	
CRANE, to & incl. 80' boom with jib	7.03	.45	.45		.02	
CRANE, 81' to 130' boom	7.18	.45	.45		.02	
CRANE, 131' to 150' boom	7.23	.45	.45		.02	

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MON-3-PEO-1-f (3-4)

POWER EQUIPMENT OPERATORS: (Cont)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
CRANE, 151' boom & over	7.28	.45	.45		.02	
CRANE OILER; Oiler driver, rubber-tired cranes	6.44	.45	.45		.02	
CRANES, electric overhead; Shovels, incl. all attachs. 1 yd. to & incl. 3 yds.; Track type tractor, on euclid loader	7.05	.45	.45		.02	
CRANE, TOWER; Scraper, tandem or (engine)	7.36	.45	.45		.02	
CRANE, WHIRLEY	7.40	.45	.45		.02	
CRANE, WHIRLEY OILER; hydralift & similar; Oiler, hoist house, dams; Shovel oiler, over 3 yds.; Winch truck with boom	6.77	.45	.45		.02	
CRUSHER AND/OR SCREENING PLANT HELPER, (If over 2 separate units); Crusher oiler; Field equip. service helper; Hot plant oiler, 100 tons per hr. or over; Mechanic and/or welder helper on job; Oilers, other than shovels & cranes; Shovel oiler, 3 yds. & under; Washing and screening plant oiler	6.36	.45	.45		.02	
CRUSHER CONVEYOR, when required; Farm type tractor, up to & incl. 50 H.P.; Grade setter	6.33	.45	.45		.02	
DRILLING MACHINE (does not include Jackhammer, Wagon drillers or waterlines)	6.78	.45	.45		.02	
EUCLID LOADER & similar; Loader & hoe combination, rubber-tired, loader 1 yd. to & incl. 3 yds., hoe over 1 yd.	7.06	.45	.45		.02	
FARM TYPE TRACTOR, over 50 H.P.; Heaters, Herman Nelson & similar	6.41	.45	.45		.02	
FIELD EQUIPMENT SERVICE MAN	6.79	.45	.45		.02	
FORK LIFT (On constr. site)	6.68	.45	.45		.02	
HOIST, OR AIR TUGGER, single drum; Farm grader	6.64	.45	.45		.02	

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MOW-3-PEO-1-f (4-4)

POWER EQUIPMENT OPERATORS: (Cont.)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
FULLER KENYON PUMP; Loaders (Barber Green & similar)	6.52	.45	.45		.02	
HELICOPTER HOIST	7.37	.45	.45		.02	
LOADERS, RUBBER-TIRED, 1 yd. & under	6.58	.45	.45		.02	
LOADERS, RUBBER-TIRED, over 3 yds. to & incl. 5 yds.	6.99	.45	.45		.02	
LOADERS, RUBBER-TIRED, 5 yds. to & incl. 10 yds.	7.09	.45	.45		.02	
LOADERS, RUBBER-TIRED, over 10 yds, to & incl. 15 yds.	7.19	.45	.45		.02	
LOADERS, RUBBER-TIRED, over 15 yds. (factory rating not to incl. side-boards)	7.29	.45	.45		.02	
LOADERS, TRACK-TYPE, over 5 yds. to & incl. 10 yds. Scraper, twin engine	7.10	.45	.45		.02	
LOADERS, TRACK-TYPE, over 10 yds. to & incl. 15 yds.	7.20	.45	.45		.02	
LOADERS, TRACK-TYPE, over 15 yds.	7.30	.45	.45		.02	
MECHANIC AND/OR WELDER, on job	6.94	.45	.45		.02	
MIXERMOBILE	6.95	.45	.45		.02	
PILEDRIVER (when shovel equip. is not used)	6.52	.45	.45		.02	
QUAD CAT	7.17	.45	.45		.02	
SCRAPER, single or twin engine pulling belly dump trailer	7.25	.45	.45		.02	
SHOVELS, incl. all attachs., over 3 yds. to & incl. 5 yds., Stiff-leg derrick & guy derrick	7.32	.45	.45		.02	
SHOVELS, incl. all attachs., over 5 yds.	7.45	.45	.45		.02	

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MOXT-1-TD-1-2-3-f (1 of 2)

TRUCK DRIVERS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
COMBINATION Truck; Concrete Mixer & Transit Mixer:						
To & incl. 4 cu. yds.	$5.80	.45	.30			
Over 4 cu. yds. to & incl. 6 cu. yds.	5.88	.45	.30			
Over 6 cu. yds. to & incl. 8 cu. yds.	5.96	.45	.30			
Over 8 cu. yds. to & incl. 10 cu. yds.	6.04	.45	.30			
Over 10 cu. yds. - additional $.08 per hour each additional 2 cu. yds. increment						
DISTRIBUTOR DRIVER & HELPER	5.73	.45	.30			
DRY BATCH TRUCKS:						
3 Batch or under	5.55	.45	.30			
Over 3 Batch to & incl. 5 Batch	5.68	.45	.30			
Over 5 Batch to & incl. 10 Batch	5.84	.45	.30			
Over 10 Batch to & incl. 15 Batch	6.00	.45	.30			
Over 15 Batch - additional $.15 per hour each additional 5 Batch increment						
DUMPMAN, GRAVEL SPREADER BOX; Pickup Driver, Hauling Materials; Pilot Car Driver, Teamsters & Helpers; Warehousemen, Partsmen, Cardex men, Warehouse Expediter	5.55	.45	.30			
DUMP TRUCKS & SIMILAR EQUIPMENT WATER LEVEL CAPACITY, INCLUDING SIDEBOARDS:						
7 cu. yds. or less	5.55	.45	.30			
Over 7 cu. yds. to & incl. 10 cu. yds.	5.68	.45	.30			
Over 10 cu. yds. to & incl. 15 cu. yds.	5.84	.45	.30			
Over 15 cu. yds. to & incl. 20 cu. yds.	5.98	.45	.30			
Over 20 cy. yds. to & incl. 25 cu. yds.	6.04	.45	.30			
Over 25 cu. yds. to & incl. 30 cu.yds.	6.10	.45	.30			
Over 30 cu. yds. to & incl. 35 cu.yds.	6.16	.45	.30			
Over 35 cu. yds. to & incl. 40 cu.yds.	6.22	.45	.30			
Over 40 cu. yds. to & incl. 45 cu. yds.	6.28	.45	.30			
Over 45 cu. yds. - additional $.06 per hour each additional 5 cu. yds. increment						
DUMPSTERS	5.68	.45	.30			
DW 20, DW 21, or EUCLID TRACTORS, PULLING P.R. 21 or SIMILAR DUMP WAGONS:						
To & incl. 25 cu. yds.	6.04	.45	.30			
Over 25 cu. yds. to & incl. 30 cu. yds	6.10	.45	.30			
Over 30 cu. yds. - additional $.06 per hour each additional 5 cu. yd. increment						

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MONT-1-TD-1-2-3-f (2 of 2)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
SERVICEMEN	$6.29	.45	.30			
POWDER TRUCK DRIVER (bulk unloader type)	5.73	.45	.30			
FLAT TRUCKS:						
To & incl. 3 Tons	5.55	.45	.30			
Over 3 tons Factory rating	5.90	.45	.30			
FUEL TRUCK; SERVICE TIREMEN	6.02	.45	.30			
LOWBOYS, FOUR-WHEEL TRAILER; FLOAT SEMI-TRAILER	5.90	.45	.30			
LUMBER CARRIERS, LIFT TRUCKS; Power Broom	5.64	.45	.30			
WATER TANK DRIVERS, PETROLEUM PRODUCTS DRIVERS:						
2,500 gals & under	5.55	.45	.30			
Over 2,500 gals to & incl. 4,500 gals	5.84	.45	.30			
Over 4,500 gals to & incl. 6,000 gals	6.04	.45	.30			
Over 6,000 gals to & incl. 8,000 gals	6.10	.45	.30			
Over 8,000 gals to & incl. 10,000 gals	6.18	.45	.30			
Over 10,000 gals - additional $.08 per hour each additional 2,000 gals increment						
WINCH, A-FRAME, SWEDISH CRANE, HYDRA-LIFT, GROUTCRETE, & COMBINATION MULCHING, SEEDING & FERTILIZING	5.80	.45	.30			
TRUCK MECHANIC	6.29	.45	.30			
ALL TUNNEL & UNDERGROUND WORK 10% ADDITIONAL						

NEW DECISION

STATE: Nebraska COUNTIES: Douglas and Sarpy
DECISION NUMBER: AP-524 DATE: Date of Publication
DESCRIPTION OF WORK: Residential Construction, single family homes and garden type apartments up to and including 4 stories.

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
BRICKLAYERS, Stonemasons	$7.45	.20	.20	.225		
CARPENTERS:						
Carpenters	6.86	.25	.20	.20	.02	
Piledrivermen	6.985	.25	.20	.20	.02	
Millwrights	7.11	.25	.20	.20	.02	
CEMENT MASONS	7.09	.25	.20			
ELECTRICIANS	8.68	.40	1%+.40		1/4%	
GLAZIERS	4.75	.20	.10			
IRONWORKERS:						
Structural, Ornamental, Reinforcing	7.00	.25	.20			
LABORERS:						
Common laborers	4.70	.125	.10			
Buggymobile operators; mortar mixers	4.825	.125	.10			
Mason tenders	4.825	.125	.10			
Machine and air tool operator	4.95	.125	.10			
Plasterer tenders	4.975	.125	.10			
Painters, brush	6.95		.15			
Painters, paperhangers	7.20		.15			
PLASTERERS	6.575	.125	.20			
PLUMBERS; Steamfitters	8.64	.25	.45		.05	
ROOFERS:						
Composition	6.58	.15	.20	.20	.01	
Slate; tile	6.88	.15	.20	.20	.01	
SHEET METAL WORKERS	7.85	.15				
SOFT FLOOR LAYERS	6.80					
TRUCK DRIVERS, single axle	5.35	.20	.10			
WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.						

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	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
POWER EQUIPMENT OPERATORS:						
Oilers, greasers, mechanics helpers	$5.98	.25	.20			
Oiler drivers (motor truck crane)	6.08	.25	.20			
Spread oiler	6.59	.25	.20			
Conveyors and heaters; tractors 35 h.p. or under air compressors, pumps and welding machine operators	6.33	.25	.20			
Bulldozers and fork lifts	6.85	.25	.20			
Blades, end loaders, self-propelled scrapers	6.95	.25	.20			
Concrete pumps and tractors over 35 h.p.; one drum hoist; straddle truck	6.85	.25	.20			
Two drum hoist; trenching machines, pile drivers, dredges, heavy duty mechanics; shovels, draglines, clamshells, orange peel; derricks, cranes; backhoe, winch truck and side boom or cat boom; locomotives; firemen used on high pressure boilers in construction work; economobile; and electric hammers and extractors	7.20	.25	.20			

NEW DECISION

STATE: Rhode Island
DECISION NO.: AP-496
COUNTY: Providence
DATE: Date of Publication
DESCRIPTION OF WORK: Residential Construction (consisting of single family homes and garden type apartments up to and including 4 stories).

1-RI-PROV-1-A 1 of 2

RESIDENTIAL CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
Asbestos workers	$8.70	.39	.35		.005	
Boilermakers	8.705	.50	10%		.01	
Bricklayers, cement masons and stone masons:						
Ashton, Berkeley, Central Falls, Cumberland, Lincoln, Lonsdale, Pawtucket and Valley Falls	8.70	.25	.25		.01	
Bricklayers, cement masons, plasterers, stone masons, marble, tile and terrazzo workers:						
Woonsocket, N. Smithfield, Burrillville and Cumberland Hill	8.67	.25	.30		.01	
Remainder of Providence County:						
Bricklayers and stone masons	8.57	.25	.35		.01	
Cement masons	7.95	.50	.35			
Marble, tile and terrazzo workers	8.55	.25	.35			
Plasterers	8.50	.20				
Carpenters, soft floor layers, piledrivermen:						
Burrillville, N. Smithfield, Woonsocket Townships	7.67	.25	.25			
Remainder of Providence County:						
Carpenters, soft floor layers and piledrivermen	8.25	.35	.35		.01	
Millwrights	8.50	.35	.35		.01	
Electricians	8.35	.18	1%		.02	
Elevator constructors	6.87	.17	.185	½%+a+b	.005	
Elevator constructors' helpers	4.81	.17	.185	½%+a+b	.005	
Elevator constructors' helpers (Prob.)	3.435					
Glaziers	7.74	.42	.30	e	.01	
Ironworkers: Str., Orn., Reinforcing	7.70	.45	.80+.50		.02	
Laborers:						
Laborers, Building:						
Laborers, carpenters tender, cement finisher tenders, mason tenders	6.50	.40	.40		.05	
Jackhammers, paving breaker, chain saw pipelayers, mechanical grinder, all other pneumatic tools, barco type jumping tampers	6.75	.40	.40		.05	
Plasterers tenders	6.30	.25	.15			
Powderman blasters	7.25	.40	.40			
Laborers, Wrecking:						
Laborers, signalmen	6.50	.40	.40		.05	
Adzman, burner, jackhammer	6.75	.40	.40		.05	

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1-RI-PROV-1-A 2 of 2

RESIDENTIAL CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
Lathers	$7.40	.45	.50		.01	
Lead burners	7.80	.30		c	.01	
Line Construction:						
Linemen	7.14	.20	1%	d		
Driver Groundman	5.58	.20	1%	d		
Groundman	5.07	.20	1%	d		
Equipment operator	6.31	.20	1%	d		
Marble, tile and terrazzo workers' helpers	7.23		.50			
Painters:						
Brush	6.95	.25	.25			
Structural steel	7.20	.25	.25			
Spray	7.95	.25	.25			
Plumbers	8.55	.35	.35			
Roofers:						
Composition, waterproofers	7.85	.20	.25			
Slate, tile and precast concrete	8.05	.20	.25			
Helpers, Class A	7.00	.20	.25			
Helpers, Class B	6.45	.20	.25			
Sheet metal workers	8.43	.36	.35		.02	
Sprinkler fitter	9.07	.30	.50		.01	
Steamfitters, pipefitters	8.82	.35	.80		.03	
Truck Drivers: Residential						
2-Axle; dumps	5.31	.30	.50			
3-Axle; trailers	5.39	.30	.50			
Low beds, trailers (24 tons and over); trailers (I-Beam), specialized earth moving equipment (Euclid type)	5.64	.30	.50			
Euclid type equipment over 35 ton capacity	5.89	.30	.50			
Welders - receive rate prescribed for craft performing operation to which welding is incidental.						

PAID HOLIDAYS:
A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

FOOTNOTES:

a. Employer contributes 4% basic hourly rate for 5 years or more of service or 2% basic hourly rate for 6 months to 5 years of service as Vacation Pay Credit.

b. Holidays: A through F.

c. Holidays: A through F, Washington's Birthday, Good Friday and Christmas Eve provided employee has worked 45 full days during the 120 calendar days prior to the holiday, and the regular scheduled work days immediately preceding and following the holiday.

d. Paid Holiday: A through F, Bunker Hill day provided employee has been employed 10 working days prior to the holiday and provided the employee worked the scheduled work day immediately preceding and following the holiday.

e. Paid Holiday: "D".

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R1-1-PED-1-O 1 of 1

RESIDENTIAL CONSTRUCTION POWER EQUIPMENT OPERATORS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
Digging Machines, cranes, pile drivers, lighters, locomotives, derricks, hoists pavers, and front-end loaders 3 yds. and over	$9.35	.40	.40		.05	
Economobile type equipment	9.10	.40	.40		.05	
Fork lift	8.85	.40	.40		.05	
Firemen and Oilers	7.45	.40	.40		.05	
Bulldozers, graders, spreaders, tractors, scrapers, rollers and front-end loaders less than 3 yds.	8.00	.40	.40		.05	
Pippin type backhoes	8.30	.40	.40		.05	
Maintenance Engineers	7.90	.40	.40		.05	
Well-point Installation	8.05	.40	.40		.05	
Gas or electric driven pumps, heater, concrete mixers, stone crushers, air compressors, welding machines and generators for light plants	8.20	.40	.40		.05	

NEW DECISION

STATE: Rhode Island COUNTY: Washington
DECISION NO.: AP-497 DATE: Date of Publication
DESCRIPTION OF WORK: Residential Construction (consisting of single family homes and garden type apartments up to and including 4-stories).

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RESIDENTIAL CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
Asbestos workers	$8.70	.39	.35		.005	
Boilermakers	8.705	.50	10%		.01	
Bricklayers and stone masons:						
Westerly, Hopkington, So. Kingstown, Charlestown, Richmond, Wakefield, Peace Dale, Kingston	8.02	.25	.35			
Exeter, Johnson, No. Kingstown, Narragansett (Including the Pier of Point Judith)	8.57	.25	.35		.01	
Carpenters and soft floor layers:						
North Kingston:						
Carpenters, soft floor layers & pile-drivermen	8.25	.35	.35		.01	
Millwrights	8.50	.35	.35		.01	
Remainder of County:						
Carpenters, soft floor layers & pile-drivermen	8.15	.35	.35			
Millwrights	8.40	.35	.35			
Cement masons:						
Westerly, Hopkington, So. Kingstown, Charlestown, Richmond, Wakefield, Peace Dale, Kingston	6.075	.15	.20			
Exeter, Narragansett, No. Kingstown, Gould	7.95	.50	.35			
Electricians:						
Westerly Township	8.35	.40	1%+.20		½%	
Remainder of County	8.35	.18	1%		.02	
Elevator constructors	6.87	.17	.185	½%+a	.005	
Elevator constructors' helpers	4.81	.17	.185	½%+a	.005	
Elevator constructors' helpers (Prob.)	3.435					
Glaziers	7.74	.42	.30	d	.01	
Ironworkers: Structural, Ornamental, and Reinforcing	7.70	.45	.80+.50		.02	
Laborers, Building:						
Laborers, carpenters' tenders, cement finisher tenders, mason tenders	6.50	.40	.40		.05	
Jackhammer, paving breaker, chain saw, pipelayers, mechanical grinder, all other pneumatic tools, barco type jumping tampers	6.75	.40	.40		.05	
Plasterers' tenders	6.30	.40	.15		.05	
Powdermen blasters	7.25	.40	.40		.05	
Laborers, Wrecking:						
Laborers, signalmen	6.50	.40	.40		.05	
Adzman, Burner, jackhammer	6.75	.40	.40		.05	

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RESIDENTIAL: CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
Lathers	$7.40	.45	.50		.01	
Lead burners	7.80	.30		c	.01	
Line Construction:						
Linemen	7.14	.20	1%	d		
Driver Groundman	5.58	.20	1%	d		
Groundmen	5.07	.20	1%	d		
Equipment operator	6.31	.20	1%	d		
Marble, Tile and Terrazzo workers:						
Exeter, N. Kingstown, Narragansett, (Including the Pier of Point Judith)	7.50	.25	.35			
Marble, Tile and Terrazzo helpers	7.23		.50			
Painters:						
Brush	6.95	.25	.25			
Structural steel	7.20	.25	.25			
Spray	7.95	.25	.25			
Plasterers, Exeter, Narragansett, N. Kingston	8.50	.20				
Plasterers (Westerly, Hopkington, S. Kingston, Charlestown, Richmond, Wakefield and Peace Dale)	4.775	.15	.20			
Plumbers	8.55	.35	.35			
Roofers:						
Composition, waterproofers	7.85	.20	.25			
Slate, tile, precast concrete	8.05	.20	.25			
Helpers, Class "A"	7.00	.20	.25			
Helpers, Class "B"	6.45	.20	.25			
Sheet metal workers	8.43	.36	.35		.02	
Sprinkler fitters	9.07	.30	.50		.01	
Steamfitters	8.82	.35	.80		.03	
Truck Drivers: Building						
Two-axle; dumps	5.31	.30	.50			
Three-axle; trailers	5.39	.30	.50			
Low-bed trailers (24 tons & over), Trailers (I-Beam), specialized earth moving equipment (Euclid type)	5.64	.30	.50			
Euclid type equipment over 35 ton capacity	5.89	.30	.50			
Welders - receive rate prescribed for craft performing operation to which welding is incidental.						

PAID HOLIDAYS:
A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

FOOTNOTES:
a. Holidays: A through F; employer contributes 4% basic hourly rate for 5 years or more of service or 2% basic hourly rate for 6 months to 5 years of service as Vacation Pay Credit.

FOOTNOTES (Cont'd):

b. Holidays: A through F, Washington's Birthday, Good Friday and Christmas Eve providing employee has worked 45 full days during the 120 calendar days prior to the holiday, and the regular scheduled work days immediately preceding and following the holiday.

c. Holidays: A through F; Bunker Hill Day, provided employee has been employed 10 working days prior to the holiday and provided employee works the scheduled work day immediately preceding and following the holiday.

d. Paid Holiday: "D".

RESIDENTIAL CONSTRUCTION POWER EQUIPMENT OPERATORS	Basic Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	App. Tr.
Digging Machines, cranes, pile drivers, lighters, locomotives, derricks, hoists pavers, and front-end loaders 3 yds. and over	$9.35	.40	.40		.05
Economobile type equipment	9.10	.40	.40		.05
Fork lift	8.85	.40	.40		.05
Firemen and Oilers	7.45	.40	.40		.05
Bulldozers, graders, spreaders, tractors, scrapers, rollers and front-end loaders less than 3 yds.	8.00	.40	.40		.05
Pippin type backhoes	8.30	.40	.40		.05
Maintenance Engineers	7.90	.40	.40		.05
Well-point Installation	8.05	.40	.40		.05
Gas or electric driven pumps, heater, concrete mixers, stone crushers, air compressors, welding machines and generators for light plants	8.20	.40	.40		.05

MODIFICATIONS PAGE 1

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
DECISION #AP-471 - Mod. #1						
(38 FR 6534 - March 9, 1973)						
Fairfield County, Connecticut						
Change:						
Building, Heavy and Highway Construction:						
Asbestos workers	$8.965	.42	.28			
Carpenters, soft floor layers:						
(Building Only):						
Bridgeport-Easton-Fairfield-Monroe-Stratford-Trumbull	8.45	.50	.30	f		
Shelton	8.25	.50	.30	j		
Carpenters-Piledrivermen: (Heavy and Highway Only)	8.65	.45	.30	h	.03	
Millwrights:						
Norwalk	8.65	.50	.30	i	g	
Painters:						
Remainder of County:						
Brush	7.00	.35	.55	e		
Structural steel	8.00	.35	.55	e		
Piledrivermen: (Building Only):						
Bridgeport-Easton-Fairfield-Monroe-Stratford-Trumbull	8.45	.50	.30	f		
Shelton	8.25	.50	.30	j		
See Power Equipment Operators Schedule Heavy & Highway Construction						
See Modifications Pages 5 and 6						
DECISION #AP-472 - Mod. #1						
(38 FR 7174 - March 16, 1973)						
Hartford County, Connecticut						
Change:						
Building, Heavy and Highway Construction:						
Asbestos workers:						
Remainder of County	8.965	.42	.28			
Carpenters and Piledrivermen, (Heavy and Highway Only)	8.60	.50	.30	h	.03	
Carpenters, Soft floor layers, Piledrivermen (Building Only):						
Bristol-Plainville-Canton-Berlin-E. Berlin-Kingston-Newington-New Britain-Milldale-Marion-Plantsville-Bloomfield	8.47	.50	.30		.05	
Marlborough (Only)	8.47	.40	.30		.05	
Remainder of County	8.48	.50	.30		.05	

MODIFICATIONS PAGE 2

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
DECISION #AP-472 (cont'd)						
Change:						
Electricians:						
Hartland	$8.80	.45	1%+.20		1/8of1%	
Painters:						
Remainder of County:						
Brush	7.65	.50	.30			
Spray	11.10	.50	.30			
See Power Equipment Operators Schedule Heavy & Highway Construction						
See Modifications Pages 5 and 6						
DECISION #AP-473 - Mod. #1						
(38 FR 7177 - March 16, 1973)						
Litchfield County, Connecticut						
Change:						
Building, Heavy and Highway Construction:						
Asbestos workers:						
Remainder of County	8.965	.42	.28			
Carpenters and Piledrivermen (Heavy and Highway):						
West of Housatonic River	8.60	.50	.30	h	.03	
East of Housatonic River	8.60	.50	.30	h	.03	
Electricians:						
Remainder of County	8.80	.45	1%+.20		1/8of1%	
See Power Equipment Operators Schedule Heavy & Highway Construction						
See Modifications Pages 5 and 6						
DECISION #AP-474 - Mod. #1						
(38 FR 7181 - March 16, 1973)						
Middlesex County, Connecticut						
Change:						
Building, Heavy and Highway Construction:						
Asbestos workers	8.965	.42	.28			
Carpenters, Soft floor layers (Building Only)	8.47	.40	.30		.05	
Carpenters and Piledrivermen (Heavy and Highway Only)	8.60	.50	.30	f	.03	
See Power Equipment Operators Schedule Heavy & Highway Construction						
See Modifications Pages 5 and 6						

MODIFICATIONS PAGE 3

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
DECISION #AP-475 - Mod. #1 (38 FR 7184 - March 16, 1973) New London County, Connecticut						
Change:						
Building, Heavy and Highway Construction:						
Asbestos workers:						
Remainder of County	$8.965	.42	.28			
Carpenters and Piledrivermen (Heavy and Highway Only)	8.60	.50	.30	f	.03	
Carpenters, Soft floor layers, Piledrivermen (Building Only):						
Township of Stonington	8.15	.35	.35			
See Power Equipment Operators Schedule Heavy and Highway Construction						
See Modifications Pages 5 and 6						
DECISION #AP-476 - Mod. #1 (38 FR 7187 - March 16, 1973) New Haven County, Connecticut						
Change:						
Building, Heavy and Highway Construction:						
Asbestos workers	8.965	.42	.28			
Carpenters, Soft floor layers, Piledrivermen (Building Only):						
Ansonia-Seymour-Derby-Orange-Oxford	8.25	.50	.30	k		
Milford	8.45	.50	.30	g		
Carpenters, Piledrivermen (Heavy and Highway Only)	8.60	.50	.30	a	.03	
Electricians:						
Beacon Falls-Middlebury-Naugatuck-Oxford-Prospect-Seymour-Southbury-Waterbury-Wolcott	8.80	.45	1%+.20		1/8of1%	
Painters:						
Brush:						
Milford (Remainder of Township)	7.00	.35	.55	f		
Structural Steel:						
Milford	8.00	.35	.55	f		
See Power Equipment Operators Schedule Heavy & Highway Construction						
See Modifications Pages 5 and 6						

MODIFICATIONS PAGE 4

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
DECISION #AP-477 - Mod. #1 (38 FR 6528 - March 9, 1973) Tolland County, Connecticut						
Change:						
Building, Heavy and Highway Construction:						
Asbestos workers:						
Remainder of County	$8.965	.42	.28			
Carpenters and Piledrivermen (Heavy and Highway)	8.60	.50	.30	e	.03	
Carpenters, Soft floor layers and Piledrivermen (Building Only):						
Bolton	8.48	.50	.30		.05	
Remainder of County	8.50	.35	.30			
Painters:						
Brush:						
Ellington-Hebron-Rockville-Somers-Vernon	7.65	.50	.30			
Spray:						
Ellington-Hebron-Rockville-Somers-Vernon	11.10	.50	.30			
See Power Equipment Operators Schedule Heavy and Highway Construction						
See Modifications Pages 5 and 6						
DECISION #AP-478 - Mod. #1 (38 FR 6531 - March 9, 1973) Windham County, Connecticut						
Change:						
Building, Heavy and Highway Construction:						
Asbestos workers:						
Ashford-Chaplin-Eastford-Hampton-Scotland-Windham	8.965	.42	.28			
Carpenters and Piledrivermen (Heavy and Highway	8.60	.50	.30	f	.03	
Carpenters, Soft floor layers, Piledrivermen, Millwrights, (Building Only)	8.50	.35	.30			
Painters:						
Willimatic:						
Brush	7.65	.50	.30			
Spray	11.10	.50	.30			
See Power Equipment Operators Schedule Heavy and Highway Construction						
See Modifications pages 5 and 6						

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SW-CONN-2-3-V (1 of 2)

POWER EQUIPMENT OPERATORS HEAVY AND HIGHWAY CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	App. Tr.
Erecting and handling structural steel, front end loader (7 yds. or over)	$8.70	.30	.25 + a	b	.05
Piledriver, crane shovel, dragline, gradall, trenching machine, lighter derrick, paver (concrete), derrick (stiff leg and guy), steel pile sheeting, kohering loader (skooper)	8.60	.30	.25 +a	b	.05
Drill(Joy heavy weight champion or equivalent) side boom, loader (Euclid) mucking machine, pumpcrete, rock and earth boring machine post and well digger compressor (battery operated), hammer (vibratory), central mix operator, combination hoe & loader (over ¾ yd.)	8.35	.30	.25 +a	b	.05
Asphalt spreader	8.20	.30	.25 +a	b	.05
Front end loader (3yds. or over), grader power stone spreader, combination hoe and loader	8.10	.30	.25 +a	b	.05
Asphalt roller, bulldozer, carryall, maintenance engineer	7.95	.30	.25 +a	b	.05
Front end loader (under 3 yds.), roller power chipper fork lift, finishing machine, asphalt plant, power pavement breaker, dinky machine	7.80	.30	.25 +a	b	.05
Compressor, pump opr.	7.62	.30	.25 +a	b	.05
Fireman, high pressure	7.70	.30	.25 +a	b	.05
Well point system	7.80	.30	.25 +a	b	.05
Compressor battery operator	8.35	.30	.25 +a	b	.05
Oiler	7.35	.30	.25 +a	b	.05
Batch plant, bulk cement plant, oiler	7.35	.30	.25 +a	b	.05

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SW-CONN-2-3-V (2 of 2)

POWER EQUIPMENT OPERATORS HEAVY AND HIGHWAY CONSTRUCTION	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Ot
Crane with 150 ft. boom - additional $.25 per hour						
Crane with 200 ft. boom - additional $.50 per hour						
PAID HOLIDAYS(Where applicable): A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day						
FOOTNOTE:						
a. Employer contributes $.15 per hour to Supplemental Unemployment Fund.						
b. Seven (7) paid holidays: A thru F and Good Friday.						

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oths
DECISION #AP-148 - Mod. #2						
(38 FR 1457 - January 12, 1973)						
Chatham County, Georgia						
Change:						
Boilermakers	7.13	.40	.70		.01	
Painters:						
Brush	5.45					
Roller	5.70					
Steel, brush	5.95					
Tapers	5.70					
Stage work & window jackwork	5.95					
Paperhangers	5.70					
Paint burners	5.70					
Spray painting and sandblasting	6.20					
Piledrivermen	6.45	.35				
DECISION #AP-149 - Mod. #3						
(38 FR 1453 - January 12, 1973)						
Fulton, Cobb & DeKalb Counties, Georgia						
Change:						
Building Construction						
Elevator Constructors	$7.81	.345	.23	2%+a+b	.015	
" " Helpers	5.47	.345	.23	2%+a+b	.015	
" " " (prob.)	3.905					
Ironworkers:						
Structural, ornamental and reinforcing	7.20	.40	.37		.05	

MODIFICATIONS PAGE 8

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
DECISION #AP-24 - Mod. #2						
(37 FR 21243 - October 6, 1972)						
Champaign County, Illinois						
Change:						
Asbestos Workers	$8.75	.20	.20		.02	
Bricklayers & Stonemasons	7.625	.30			.02	
Cement Masons	7.665	.30			.025	
Elevator Constructors	7.58	.345	.23	2%+a&b	.005	
Elevator Constructors' Helpers	5.17	.345	.23	2%+a&b	.005	
Elevator Constructors' Helpers (Prob.)	50%JR					
Lathers	7.72	.30	.20		.01	
Marble Masons	7.625	.175				
Marble Masons' Helpers	6.925					
Terrazzo Workers	7.625	.175				
Terrazzo Workers' Helpers	6.925					
Tile Layers	7.625	.175				
Tile Layers' Helpers	6.925					
DECISION #AP-616 - Mod. #2						
(38 FR 2585 - February 2, 1973)						
Rock Island County, Illinois						
Change:						
Ironworkers, Structural, Ornamental, & Reinforcing	8.30	.40	.375		.05	
Millwrights	7.55	d	d		2%	
Sheet Metal Workers	7.40	.25	.20		.02	
Add:						
Footnote:						
d. Employer contributes 12% to Health & Welfare & Pension.						
DECISION #AP-617 - Mod. #3						
(38 FR 2590 - January 26, 1973)						
Madison County, Illinois						
Change:						
Laborers - Building Construction						
Marine:						
Common Laborer	7.50		.20		.035	
Work in sewer trenches (final grading)	7.75		.20		.035	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
DECISION #AP-617 - Mod. #3 (Contd)						
Mason tender, plasterer tender	$8.00		.20		.035	
Laborers - Heavy Construction						
Madison: Marine; Bond; Calhoun; Clinton (New Baden & Vic.)						
Common Laborers	7.50		.20		.035	
All Brick & Plaster Mason Tenders	8.00		.20		.035	
Workmen cutting & burning w/a Torch	7.75		.20		.035	
Men working on the bottom of sewer trenches, etc.	7.75		.20		.035	
Dynamite Men	9.10		.20		.035	
Greene County:						
Common Laborers	7.40		.30		.035	
All Brick & Plaster Mason Tenders	7.90		.30		.035	
Workmen cutting & burning w/a torch	7.65		.30		.035	
Men working on the bottom of sewer trenches, etc.	7.65		.30		.035	
Dynamite Men	9.00		.30		.035	
DECISION #AP-618 - Mod. #2 (38 FR 2563 - January 26, 1973) Madison County, Illinois)						
Change:						
Boilermakers	$8.35	.40	.95		.01	
Boilermakers' helpers	8.10	.40	.95		.01	
Electricians: Alton & Vicinity	8.44	.25	1%		.2%	
Laborers:						
Marine:						
Common Laborer	7.50		.20		.035	
Work in sewer trenches (final grading)	7.75		.20		.035	
Mason tender, plasterer	8.00		.20		.035	
DECISION #AP-619 - Mod. #3 (38 FR 3255 - February 2, 1973) St. Clair County, Illinois						
Change:						
Laborers - Building Construction						
New Athens & Vicinity						
Laborers	6.75	.25	.20		.035	
Asphalt rakers	6.90	.25	.20		.035	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
DECISION #AP-619 - Mod. #3 (Contd)						
Plumber helpers, workmen while cutting & burning with a torch & men working on the bottom of sewer trenches on the final, etc.	$7.00	.25	.20		.035	
Mason & Plaster Tenders	7.15	.25	.20		.035	
Dynamite Men	8.30	.25	.20		.035	
Laborers - Heavy Construction						
Madison: Marine; Bond; Calhoun; Clinton (New Baden & Vic.)						
Common Laborers	7.50		.20		.035	
All Brick & Plaster Mason Tenders	8.00		.20		.035	
Workmen cutting & burning w/a torch	7.75		.20		.035	
Men working on the bottom of sewer trenches, etc.	7.75		.20		.035	
Dynamite Men	9.10		.20		.035	
Greene County:						
Common Laborers	7.40		.30		.035	
All Brick & Plaster Mason Tenders	7.90		.30		.035	
Workmen cutting & burning w/a torch	7.65		.30		.035	
Men working on the bottom of sewer trenches, etc.	7.65		.30		.035	
Dynamite Men	9.00		.30		.035	
DECISION #AP-620 - Mod. #1 (38 FR 3237 - February 2, 1973) St. Clair County, Illinois						
Change:						
Boilermakers	$8.35	.40	.95		.01	
Boilermakers' helpers	8.10	.40	.95		.01	
Laborers						
New Athens & Vicinity						
Laborers	6.75	.25	.20		.035	
Asphalt rakers	6.90	.25	.20		.035	
Plumbers helpers, workmen while cutting & burning with a torch & men working on the bottom of sewer trenches on the final, etc.	7.00	.25	.20		.035	
Mason & Plaster Tenders	7.15	.25	.20		.035	
Dynamite Men	8.30	.25	.20		.035	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
DECISION #AP-604 - Mod. #2 (38 FR 2575 - January 26, 1973) Winnebago County, Illinois						
Change:						
Power Equipment Operators (Bldg.)						
Class I	$9.55	.40	.50	.20	.02	
Class II	8.30	.40	.50	.20	.02	
Class III	7.30	.40	.50	.20	.02	
Class IV	6.15	.40	.50	.20	.02	
Power Equipment Operators (Heavy)						
Class I	9.15	.40	.50	.20	.02	
Class II	8.65	.40	.50	.20	.02	
Class III	8.05	.40	.50	.20	.02	
Class IV	7.10	.40	.50	.20	.02	
Class V	6.10	.40	.50	.20	.02	
DECISION #AP-492 - Mod. #1 (38 FR 6538 - March 9, 1973) Montgomery and Prince Georges Counties Maryland; City of Alexandria, Virginia; Arlington and Fairfax Counties, Virginia and Dulles International Airport						
Change:						
Ironworkers:						
Structural, ornamental & chain link fence	$8.35	.47	.45		.02	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
DECISION #AP-456 - Mod. #4 (38 FR 2051 - January 19, 1973) Barnstable County, Massachusetts						
Change:						
Millwrights	$8.40	.30	.30		.02	
Piledrivermen	8.85	.30	.30			
DECISION #AP-457 - Mod. #3 (38 FR 2054 - January 19, 1973) Essex County, Massachusetts						
Change:						
Piledrivermen	8.85	.30	.30			
Add:						
Millwrights	9.03	.30	.30		.02	
DECISION #AP-458 - Mod. #2 (38 FR 2058 - January 19, 1973) Hampden County, Massachusetts						
Change:						
Piledrivermen, wharf & dock builders	8.85	.30	.30			
Omit:						
Millwrights:						
Holyoke	7.95	.25	.30			
Remainder of County	8.00	.30	.30		.02	
Add:						
Millwrights	8.80	.30	.30		.02	
DECISION #AP-459 - Mod. #2 (38 FR 2062 - January 19, 1973) Middlesex County, Massachusetts						
Change:						
Cement masons:						
Bedford	8.60	.55				
Millwrights	9.03	.30	.30		.02	
Piledrivermen	8.85	.30	.30			
Plasterers:						
Bedford	8.60	.55				

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
DECISION #AP-460 - Mod. #2 (38 FR 2066 - January 19, 1973) Suffolk County, Massachusetts						
Change:						
Millwrights	$9.03	.30	.30		.02	
Piledrivermen	8.85	.30	.30			
DECISION #AP-461 - Mod. #3 (38 FR 2070 - January 19, 1973) Worcester County, Massachusetts						
Change:						
Carpenters; Soft floor layers:						
Fitchburg, Harvard, & Leominster	8.35	.50	.50		.02	
Piledrivermen	8.85	.30	.30			
Omit:						
Millwrights:						
Fitchburg, Harvard, & Leominster	8.50	.30	.30		.01	
Grafton, Holden, Lancaster, Leicester, Millbury, North Grafton, Shrewsbury, Southbridge, Whitinsville, & Worcester	8.30	.40	.30		.01	
Westboro	8.25	.50	.30		.07	
Add:						
Millwrights	9.03	.30	.30		.02	

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
DECISION #AP-487 - Mod. #1 (37 FR 6608 - March 9, 1973 Bronx, Kings, Queens and Richmond Counties, New York						
Change:						
Building, Heavy and Highway Construction:						
Laborers:						
Cement concrete workers	$6.85	.7025	.7025			
Tile setters' helpers	6.96	.40	.27			

MODIFICATIONS PAGE 14

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
DECISION #AP-277 - Mod. #1 (38 FR 7692 - March 23, 1973) Multnomah County, Oregon						
Change:						
Laborers:						
Laborers	$5.60	.45	.50	.25	.02	
Mortar mixers	5.75	.45	.50	.25	.02	
Power Equipment Operators:						
Asphalt roller	6.96	.45	.60	.25		
Blade, finish	7.34	.45	.60	.25		
Loader, less than 4 cu. yds.	7.66	.45	.60	.25		
DECISION #AP-479 - Mod. #2 (38 FR 5765 - March 2, 1973) Mercer County, Pennsylvania						
Change:						
Building Construction:						
Piledrivermen	$8.95	5%	6%		.50%of1%	
Heavy and Highway:						
Under Laborers Classification:						
Reinforcing steel placers (bending, aligning and securing)	6.55	.30	.30			

MODIFICATIONS PAGE 15

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
DECISION #AM-8610 - Mod. #5 (37 FR 10322 - May 19, 1972) Anderson and Roane Counties, Tennessee						
Change:						
Asbestos workers	$7.60	.25	.15		.03	
Carpenters and Soft floor layers	6.18		.20		.02	
Electricians (Oak Ridge in Anderson and Roane Counties)						
Electricians	7.21	.25	1%		.5%	
Cable splicers	7.71	.25	1%		.5%	
Ironworkers:						
Structural & ornamental	6.525	.125	.10		.02	
Reinforcing	6.415	.125	.10		.02	
Fence erector	6.525	.125	.10		.02	
Millwrights	6.63		.20		.02	
Piledrivermen	6.43		.20		.02	
Plasterers	6.85					
DECISION #AP-139 - Mod. #2 (37 FR 25640 - December 1, 1972) Hamilton County, Tennessee						
Change:						
Electricians, Linemen	7.65	.35	1%		¼ of 1%	
Cable splicer	7.90	.35	1%		¼ of 1%	
Sheet metal workers	7.90	.30	.30		.02	
DECISION #AP-491 - Mod. #1 (38 FR 6651 - March 9, 1973) Washington, D. C.						
Change:						
Ironworkers:						
Structural, ornamental & chain link fence	$8.35	.47	.45		.02	

SUPERSEDEAS DECISION

STATE: CALIFORNIA

COUNTIES: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, Eldorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Plumas, Placer, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba

DECISION NUMBER: AP-287

DATE: Date of Publication

Supersedes Decision No. AP-235 dated September 15, 1972, in 37 FR 18837

DESCRIPTION OF WORK: Building Construction, (excluding single family homes and garden type apartments up to and including 4 stories), heavy and highway construction and dredging.

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
ASBESTOS WORKERS	$9.17	.60	.40	.90	.04	
BOILERMAKERS	7.45	.60	1.00	.50	.02	
BRICKLAYERS; Stonemasons:						
Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Francisco, San Mateo, Siskiyou, Solano, Sonoma, and Trinity Counties	8.68	.83	.58	.70		
Alameda and Contra Costa Counties	8.50	.65	.60	.70		
Fresno, Kings, Madera, Mariposa and Merced Counties	7.73	.42	.50			
Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo and Yuba Counties	8.90	.40	.40			
Monterey and Santa Cruz Counties	7.71	.73	.55			
San Benito and Santa Clara Counties	8.50	.85	.65	.75	.01	
Amador, Alpine, Calaveras, San Joaquin, Stanislaus and Tuolumne Cos.	7.92	.33	.15	1.00		
Tulare County	7.80	.40	.40	.30	.05	
BRICK TENDERS:						
Alameda and Contra Costa Counties	7.20	.50	.70		.10	
Fresno, Kings and Madera Counties	6.05	.50	.60			
Marin County	6.60	.60	.40	.65		
Napa County	6.74	.50	.60	.60		
San Benito and Santa Clara Counties	6.58	.45	.40			
Lassen, Modoc, Shasta, Siskiyou, Tehama and Trinity Counties	5.75	.55	1.05	.70		
Stanislaus and Tuolumne Counties	5.80	.55	1.05	.70		
San Francisco and San Mateo Counties	7.45	.25	.40	.60		
CARPENTERS:						
Carpenters	8.10	.60	.55	.75	.02	
Hardwood floor layers; Power saw op.; Saw filers; Shinglers; Steel scaffold erectors and/or steel shoring erectors	8.25	.60	.55	.75	.02	
Millwrights	8.50	.60	.55	.75	.02	
Piledrivermen; Bridge, Wharf & dock builders	8.23	.60	.55	.75	.02	
CEMENT MASONS:						
Cement masons	7.13	.36	.75	.75		
Mastic; Magnesite; All comp. masons	7.38	.36	.75	.75		
Men working from swinging or slip						

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
DRYWALL INSTALLERS	$8.37	.60	.55	.75	.04	
ELECTRICIANS:						
Alameda County						
Electricians	8.85	.50	4%			
Cable splicers	9.99	.50	4%			
Tunnel:						
Electricians	8.85	.50	4%			
Cable splicers	9.99	.50	4%			
Amador, Colusa, Sacramento, Sutter, Yolo, Yuba and those portions of Alpine, Eldorado, Nevada, Placer and Sierra Counties West of the Main Sierra Mountain Watershed						
Electricians	8.63	.41	1%+.65		.045	
Cable splicers	9.49	.41	1%+.65		.045	
Tunnel:						
Electricians	8.96	.31	1%+.55		.045	
Cable splicers	9.86	.31	1%+.55		.045	
Lake Tahoe Area:						
Electricians	9.24	.53	1%+.25		.02	
Cable splicers	10.12	.53	1%+.25		.02	
Butte, Glenn, Lassen, Plumas, Shasta, Tehama and Trinity Counties						
Electricians	8.57	.42	1%+.30		.005	
Cable splicers	9.43	.42	1%+.30		.005	
Tunnel:						
Electricians; Cable splicers' helper	9.00	.42	1%+.30		.005	
Cable splicers	9.90	.42	1%+.30		.005	
Calaveras and San Joaquin Counties						
Electricians; Technicians	9.00	.49	1%		.01	
Cable splicers	10.13	.49	1%		.01	
Contra Costa County						
Electricians	9.10	.60	1%+.50		.02	
Cable splicers	10.20	.60	1%+.50		.02	
Tunnel:						
Electricians	8.80	.40	1%+.50		.02	
Cable splicers	9.90	.40	1%+.50		.02	
Del Norte and Humboldt Counties						
Electricians	8.15	.35	1%+.35		.01	
Cable splicers	8.80	.35	1%+.35		.01	
Tunnel:						
Electricians	8.97	.35	1%+.35		.01	
Cable splicers	9.78	.35	1%+.35		.01	
Fresno, Kings, Madera and Tulare Cos.						
Electricians	8.96	.50	1%+.50		.05	
Cable splicers	9.36	.50	1%+.50		.05	
Lake, Marin, Mendocino and Sonoma Cos.						
Electricians	7.10	.23	1%+.10		.02	
Cable splicers	7.92	.23	1%+.10		.02	
Mariposa, Merced, Stanislaus and Tuolumne Counties						
Electricians	8.69	.27	1%		.01	
Cable splicers	9.56	.27	1%		.01	

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ELECTRICIANS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Modoc and Siskiyou Counties						
Electricians	$8.00	.25	1%		.04	
Cable splicers	8.55	.25	1%		.04	
Monterey County						
Electricians	9.75	.45	1%		.01	
Cable splicers	10.70	.45	1%		.01	
Napa and Solano Counties						
Electricians	8.92	.58	1%+.25		.02	
Cable splicers	9.42	.58	1%+.25		.02	
San Benito and Santa Clara Counties						
Electricians	9.03	.64	1%+.35		.02	
Cable splicers	10.16	.64	1%+.35		.02	
Tunnel or shaft:						
Electricians	8.59	.38	1%			
Cable splicers	9.66	.38	1%			
San Francisco County						
Electricians	9.32	.705	1%+.35		.04	
Cable splicers	10.485	.705	1%+.35		.04	
San Mateo County						
Electricians	8.88	.43	1%+. 15		.03	
Santa Cruz County						
Electricians; Technicians	9.23	.20	1%		.02	
Cable splicers	10.38	.20	1%		.02	
ELEVATOR CONSTRUCTORS	9.48	.345	.23	2%+a	.015	
ELEVATOR CONSTRUCTORS' HELPERS	70%JR	.345	.23	2%+a	.015	
ELEVATOR CONSTRUCTORS' HELPERS (PROB.)	50%JR					
GLAZIERS:						
Alpine, Amador, Butte, Calaveras, El Dorado, Mariposa, Modoc, Nevada, Placer, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Tuolumne, Yolo, Yuba and Merced (North of the city of Livingston) Counties	7.77	.25	.55	8%	.01	
Alameda, Contra Costa, Lake, Marin, Mendocino (Southern half of County from North of Ft. Bragg), Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano (SW from E. of Fairfield), Sonoma Counties	8.455	.35	.55	.24	.01	
Merced (Remainder of County), Fresno, Kings, Madera and Tulare Counties	7.25	.35	.55	.61	.05	
IRONWORKERS:						
Fence erectors	8.24	.58	.625	.70	.02	
Ornamental; Structural	8.38	.58	.625	.70	.02	
Reinforcing	8.34	.58	.625	.70	.02	
LATHERS:						
Alameda and Contra Costa Counties	7.84	.34	.385		.025	
Butte, Colusa, Glenn, Humboldt, Lake (That portion of county from Lakeport up to county line), Nevada, Placer, Plumas, Shasta, Sierra, Tehama and Trinity Counties	7.68	.43	.40		.01	

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LATHERS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Calaveras and San Joaquin Counties	$7.20	.25	.20	.80		
Lake (from city of Lakeport down to county line), Marin, Mendocino and Sonoma Counties	6.71	.37	.45	.91	1/8%	
Monterey and Santa Cruz Counties	7.10	.40	.40	.20	.01	
Napa and Solano Counties	6.83	.60	.40	1.00	.01	
San Francisco County	8.23	.46	.65	1.00	.01	
San Benito and Santa Clara Counties	7.73	.30	.25			
LINE CONSTRUCTION:						
Alameda County						
Groundmen	6.575	.50	4%			
Linemen	8.85	.50	4%			
Cable splicers	9.99	.50	4%			
Amador, Colusa, Sacramento, Sutter, Yolo, Yuba, and those portions of Alpine, El Dorado, Nevada, Placer, and Sierra Counties excluding Lake Tahoe Area						
Line Equipment Operators	6.19	.31	1%+.55		.045	
Linemen	6.88	.31	1%+.55		.045	
Cable splicers	7.57	.31	1%+.55		.045	
Remaining portions of Alpine, El Dorado, Nevada, Placer and Sierra Counties (Lake Tahoe Area)						
Groundmen	6.59	.33	1%+.25		.01	
Line equipment operator	7.91	.33	1%+.25		.01	
Linemen	8.79	.33	1%+.25		.01	
Cable splicers	9.67	.33	1%+.25		.01	
Contra Costa County						
Groundmen	6.83	.60	1%+.50		.02	
Line equipment operator	8.19	.60	1%+.50		.02	
Linemen	9.10	.60	1%+.50		.02	
Cable splicers	10.20	.60	1%+.50		.02	
Fresno, Kings, Madera & Tulare Cos.						
Line equipment operators	8.96	.50	1%+.50		.05	
Linemen	8.96	.50	1%+.50		.05	
Cable splicers	9.36	.50	1%+.50		.05	
Mariposa, Merced, Stanislaus & Tuolumne Counties						
Linemen	8.69	.27	1%		.01	
Cable splicers	9.56	.27	1%		.01	
Modoc & Siskiyou Counties						
Cable splicers; Leadman pole sprayer	8.60	.25	1%		1/2%	
Lineman; Pole sprayer; Heavy line equipment man	7.76	.25	1%		1/2%	
Tree trimmer	7.00	.25	1%		1/2%	
Line equipment man	6.67	.25	1%		1/2%	

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LINE CONSTRUCTION (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Modoc & Siskiyou Counties						
Head groundman (chipper); Head groundman; Powderman; Jackhammer man	$5.82	.25	1%		1/2%	
Groundman; Tree trimmer helper	5.49	.25	1%		1/2%	
Hole digger	5.25	.25	1%		1/2%	
Monterey County						
Groundmen	7.32	.45	1%		.01	
Equipment operators; Linemen	9.76	.45	1%		.01	
Cable splicers	10.78	.45	1%		.01	
Napa and Solano Counties						
Groundmen	6.69	.58	1%+.25		.02	
Line equipment operators	8.02	.58	1%+.25		.02	
Linemen	8.92	.58	1%+.25		.02	
Cable splicers	9.42	.58	1%+.25		.02	
San Francisco County						
Groundmen	6.78	.395	1%+.35		.04	
Linemen	7.975	.395	1%+.35		.04	
Cable splicers	8.97	.395	1%+.35		.04	
San Mateo County						
Line equipment men	6.58	.27	1%+.15		.01	
Linemen	7.31	.27	1%+.15		.01	
Cable splicers	8.22	.27	1%+.15		.01	
Santa Cruz						
Groundmen	8.09	.20	1%		.02	
Cable splicers	10.38	.20	1%		.02	
Linemen	9.23	.20	1%		.02	
MARBLE SETTERS	7.59	.69	.51	.53		
PAINTERS:						
Butte, Colusa, Glenn, Lassen(except extreme S.E. corner), Modoc, Plumas, Shasta, Siskiyou, Sutter, Tehama, Trinity and Yuba Counties						
Brush; Roller	5.40	.35	.25	1.05		
Spray; Sandblast; Structural steel; Swingstages; Tapers	5.65	.35	.25	1.05		
Alpine, Amador, Calaveras, and San Joaquin Counties						
Brush	6.62	.50	.55	.80		
Spray; Sheetrock taper; Swingstage; Scaffold; Sandblaster; Structural steel	6.92	.50	.55	.80		
Fresno, Kings, Madera, Tulare Cos.						
Brush; Tapers	7.32	.40	.20			
Spray	7.57	.40	.20			
Structural steel	7.57	.40	.20			

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PAINTERS: (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Alameda, Contra Costa, Eldorado, Lake Marin, Mendocino, Monterey, Napa, Nevada, Placer, Sacramento, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Sierra, Solano, Sonoma and Yolo Counties (Excluding portions of Counties in the Lake Tahoe Area):						
Brush	$7.77	.64	.65	.80		
Spray	8.02	.64	.65	.80		
Tapers	8.27	.64	.65	.80		
Del Norte, Humboldt Counties						
Brush	6.40	.35	.20			
Paperhangers; Spray; Steel; Tapers	6.65	.35	.20			
Mariposa, Merced, Stanislaus and Tuolumne Counties						
Brush	6.30	.35		.75		
Paperhangers; Spray; Tapers	6.55	.35		.75		
Lake Tahoe Area						
Brush	8.10	.30	.20			
Spray; Structural steel; Tapers	8.35	.30	.20			
PAINTERS:						
Parking Lot Striping Work and/or Highway Markers:						
Fresno and Tulare Counties:						
Traffic delineating device applicator	5.01	.20	.20	b		
Wheel stop installer; Traffic surface sandblaster; Striper; Traffic surface protective coating applicator	4.88	.20	.20	b		
Helper, Traffic surface sandblaster; Wheel stop installer, traffic surface protective coating applicator, striper)	4.38	.20	.20	b		
Remaining Counties						
Traffic delineating device applicator; Traffic surface protective coating applicator; Wheel stop installer; Traffic surface sandblaster	5.27	.35	.20	b		
Helper (Traffic surface sandblaster; Wheel stop installer, protective coating applicator)	4.77	.35	.20	b		
Striper	6.37	.35	.20	b		
Helper (Striper)	5.37	.35	.20	b		

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
PLASTERERS:						
Alameda & Contra Costa Counties	$8.24	.575	.45		.01	
Butte, Colusa, Glenn, Lassen (south eastern half of Lassen Co.), Plumas, Sierra, Sutter, and Yuba Counties	6.05	.25	.25	.50	.01	
Fresno, Kings, Madera and Tulare Cos.	7.19	.56	.40		.01	
Monterey County	8.03	.46	.35		.01	
El Dorado, Nevada, Placer, Sacramento and Yolo Counties	7.65	.245	.25	.65		
San Benito and Santa Clara Counties	7.63	.59	.50	.80	.01	
San Francisco County	7.12	.48	.85	1.50	.02	
San Mateo County	7.45	.43	.55	1.17		
Del Norte, Humboldt, Lassen (north western half of Lassen Co.), Marin, Modoc, Napa, Shasta, Siskiyou, Solano, Sonoma, Tehama and Trinity Counties	7.15	.53	.25	1.00	.01	
Mariposa, Merced, Stanislaus, and Tuolumne Counties	6.30	.65	.60	1.00		
PLASTERERS' TENDERS:						
Alameda & Contra Costa Counties	7.97	.50	.80		.10	
Fresno, Kings, & Madera Counties	5.55	.55	1.05	.70		
Marin County	6.30	.60	.40	1.00		
Napa County	6.65	.55		.80		
Alpine, Amador, El Dorado, Nevada, Placer, Sacramento, Sierra, and Yolo Counties	6.45	.395	1.05	.70		
San Francisco and San Mateo Counties	7.50	.25	.40	.95		
San Benito and Santa Clara Counties	7.75	.60	.55			
Lassen, Modoc, Shasta, Siskiyou, Tehama, and Trinity Counties	5.75	.55	1.05	.70		
Stanislaus and Tuolumne Counties	5.95	.55	1.05	.70		
PLUMBERS:						
Alameda County	9.88	.65	1.00		.10	
Contra Costa County	10.02	.53	1.00		.16	
PLUMBERS; Steamfitters						
Del Norte & Humboldt Counties	7.60	.48	1.06	1.00	.05	
Amador (northern half of County), Sacramento, Yolo, El Dorado, Nevada, Placer, and Sierra Counties (excluding Lake Tahoe Area)	8.98	.75	1.05		.11	
Lake Tahoe Area	7.85	.30	.60	1.55	.07	
Marin, Mendocino, San Francisco, and Sonoma Counties	8.30	1.44	.705	.735	.065	
San Benito and Santa Clara Counties	8.81	.61	.95	.72	.10	
San Mateo County	9.075	.485	.50		.075	
Alpine, Amador (southern portion of County), Butte, Calaveras, Colusa, Fresno, Glenn, Kings, Lassen, Madera, Mariposa, Merced, Modoc, Monterey, Plumas, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yuba Counties	8.39	.77	.79		.03	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
PLUMBERS; Steamfitters (cont'd)						
Lake, Napa and Solano Counties	$9.40	.60	.58		.07	
ROOFERS:						
Alameda and Contra Costa Counties						
Roofers	7.55	.48	.75	.30	.01	
Mastic workers; Kettlemen (2 kettles w/o pumps)	7.80	.48	.75	.30	.01	
Bitumastic; Enamelers; Pipewrapper; Coal tar built up	8.55	.48	.75	.30	.01	
Alpine, Calaveras, Mariposa, Merced, San Joaquin, Stanislaus, and Tuolumne Counties						
Roofers (slate, tile composition and built up)	6.94	.50	.30	.75		
Felt machine operator	7.19	.50	.30	.75		
Butte, Colusa, Eldorado, Glenn, Lassen, Modoc, Placer, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, and Yuba Counties						
Roofers	7.54	.50	.40			
Fresno, Kings, Madera, and Tulare Cos.						
Roofers	7.70	.50	.50			
Lake, Mendocino, and Sonoma Counties						
Roofers	7.09	.50	.70	.78	.01	
Kettlemen (2 kettles w/o pumps)	7.34	.50	.70	.78	.01	
Bitumastic; Enamelers; Pipewrappers; Coal tar pitch built up	8.09	.50	.70	.78	.01	
Marin County						
Roofers	6.77	.45	.70	1.15	.01	
Mastic workers; Kettlemen (2 kettles without pumps)	7.02	.45	.70	1.15	.01	
Bitumastic; Enamelers; Pipewrappers; Coal tar	7.77	.45	.70	1.15	.01	
Monterey County						
Roofers	6.80	.30	.50	1.00		
San Francisco and San Mateo Counties						
Roofers	7.00	.50	.70	.85	.01	
Mastic workers and kettlemen (2 kettles) without pumps	7.25	.50	.70	.85	.01	
Bitumastic; Enamelers; Pipewrappers; Coal tar	8.00	.50	.70	.85	.01	
Napa and Solano Counties						
Roofers	6.70	.25	.50	.50		
Amador, Sacramento and Yolo Counties						
Roofers (slate, tile and composition)	6.67	.48	.40			
Enameler and pitch	7.42	.48	.40			
Felt machine operator, spudding machine operator, all types	6.92	.48	.40			
San Benito and Santa Clara Counties						
Roofers; Kettlemen (1 kettle)	7.11	.46	.63	1.00		
SHEET METAL WORKERS:						
Alameda & Contra Costa Counties	7.25	.39	.505	10%c	.015	

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SHEET METAL WORKERS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Alpine, Calaveras, & San Joaquin Cos.	$6.375	.36	.50	1.00		
Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Nevada, Placer, Plumas Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo and Yuba Counties	7.76	.46	1.00	12%	.07	
Del Norte, Humboldt, & Trinity Cos.	8.18	.38	.83			
Fresno, Kings, Madera, & Tulare Cos.	8.20	.48	.79		.07	
Lake, Marin, Mendocino, Napa, Sonoma, and Solano Counties	8.55	.36	.44		.15	
Mariposa, Merced, Stanislaus, & Tuolumne Counties	8.83	.36	.60		.03	
Monterey, San Benito, Santa Clara, and Santa Cruz Counties	8.10	.38	.81	10%		
San Francisco County	8.48	.38	.55		10%	
San Mateo County	8.35	.38	.62		2%	
SOFT FLOOR LAYERS:						
Alameda, Contra Costa, Napa and Solano Counties	7.50	.36	.30	.29d	.05	
Alpine, Amador, Butte, Calaveras, Colusa, Glenn, Lassen (excluding Honey Lake Area), Merced (east of the San Joaquin River), Plumas, San Joaquin, Shasta, Sacramento, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba Counties, & those portions of El Dorado, Nevada, Placer and Sierra Counties (excluding Lake Tahoe Area	7.455	.495	.45	1.00	.07	
Honey Lake Area & Lake Tahoe Area	8.35	.30	.20			
Fresno, Kings, Madera, Tulare Cos.	8.80	.20				
Lake, Marin, Mendocino, San Francisco San Mateo, and Sonoma Counties	7.60	.50	.55	e	.04	
Monterey, San Benito, Santa Clara and Santa Cruz Counties	7.39	.35	.30	.89	.05	
SPRINKLER FITTERS:						
Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties	10.71	.30	.50		.02	
SPRINKLER FITTERS:						
Remaining Counties	11.30	.30	.50		.05	
STEAMFITTERS:						
Alameda and Contra Costa Counties	9.415	.30	.65		.005	

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TERRAZZO WORKERS:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Alameda, Contra Costa, Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Francisco, San Mateo Siskiyou, Solano, Sonoma, Trinity Cos.	$7.89	.83	.58	1.00		
Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo and Yuba Counties	8.90	.40	.40			
Fresno, Kings, Madera and Tulare Cos.	7.12	.30				
TILE SETTERS:						
Alameda, Contra Costa, Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Siskiyou, Solano, Sonoma, Trinity, Counties	7.25	.56	.60	.80	.015	
Alpine, Amador, Calaveras, San Joaquin Counties	7.17	.33		.65		
Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo and Yuba Counties	7.25	.56	.35	.80	.015	
Fresno, Kings, Madera and Tulare Cos.	7.12	.30				
Monterey and Santa Cruz Counties	8.02	.67	.635			

RIGGERS; WELDERS: Receive rate prescribed for craft performing operation to which rigging or welding is incidental.

PAID HOLIDAYS:
A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

FOOTNOTES:

a. Employer contributes 4% of basic hourly rate for over 5 years' service and 2% of basic hourly rate for 6 months to 5 years as Vacation Pay Credit. 6 Paid Holidays: A through F.

b. Employer contributes $.17 per hour to Holiday Fund plus $.10 per hour to Vacation in 1st year's service, $.20 per hour after 1 year's service but less than 5 years' service, $.30 per hour after 5 years' service but less than 10 years' service, and $.40 per hour after 10 years' service.

c. Four paid holidays: C, D, E, and Washington's Birthday.

d. 1st year employment employer contributes $.14 per hour to Vacation; 2nd thru 5th year $.30 per hour; 6th year and thereafter $.46 per hour.

e. Employer contributes $.75 1st 5 years; $.90 after 5 years to Vacation and Holiday Fund.

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LABORERS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
BRIDGE; Brush loaders & piler; Cleanup; Dumpman; General; Landscape; Limbers; Tool room attendant	$5.435	.55	1.05	.70	.06	
ASPHALT SHOVELERS; Cement dumper; Chipper; Choker setter & rigger; Chucktender; Concrete; Guinea Chaser; High pressure nozzleman; Hydraulic monitor; Nipper; Pneumatic, gas and electric tool op.(not otherwise classified);Slöper; Loading, unloading, handling materials for reinforcing concrete construction	5.535	.55	1.05	.70	.06	
ASPHALT IRONERS & RAKERS; Bucker; Buggymobile; Chainsaw; Compactors; Concrete saw & pan work; Cribber and or shoring; Curb setter; Form raiser; Faller; Headerboard man; Post hole digger (air, gas, or electric); Jackhammer; Kettlemen; Log loader; Magnesite & mastic workers; Pavement breaker; Pipelayers; Pipewrappers; Power broom sweeper; Riprap stonepaver & rockslinger; Rotary scarifier; Rototiller; Sandblaster; Barko, wackers & similar type tampers; Tank cleaners; Tree climber; Vibrator; Vibra-screed bull float	5.685	.55	1.05	.70	.06	
BURNING AND WELDING	5.735	.55	1.05	.70	.06	
PIPELAYERS; Caulkers; Banders (Contra Costa County Only)	5.885	.55	1.05	.70	.06	
BLASTERS; Drills (Diamond or Wagon); High scaler; Powderman; Tree topper	5.91	.55	1.05	.70	.06	
LABORERS on general construction work on or in bell hole footings & shaft	6.235	.55	1.05	.70	.06	
GUNITE LABORERS:						
NOZZLEMEN; Rodmen; Gunmen; Groundman	6.145	.55	1.05	.70	.06	
REBOUNDMEN	5.555	.55	1.05	.70	.06	

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POWER EQUIPMENT OPERATORS		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Others
GROUP I							
ASSISTANTS TO ENGINEERS (Brakeman; Fireman; Heavy duty repairman helper; Oiler; Deckhand; Signalman; Switchman; Tar pot fireman); Partsman (Heavy duty repair shop parts room)	AREA 1	$6.71	.65	1.00	.60	.24	
	AREA 2	7.84	.65	1.00	.60	.24	
GROUP II							
COMPRESSOR OPERATOR; Concrete mixer (up to & incl. 1 yd.); Conveyor belt op. (tunnel); Fireman hot plant; Hydraulic monitor; Mechanical conveyor (handling building materials); Mixer box operator (concrete plant); Pump operator; Spreader boxman (with screeds); Tar pot fireman (power agitated)	AREA 1	6.99	.65	1.00	.60	.24	
	AREA 2	8.12	.65	1.00	.60	.24	
GROUP III							
BOX OPERATOR (bunker); Locomotive; Motorman; Oiler; Rodman or chainman; Ross carrier(construction job site); Rotomist operator; Screedman (except asphaltic concrete paving); Self-propelled, automatically applied concrete curing machine (on streets, highways, airports and canals); Trenching machine (maximum digging capacity 3 ft. depth); Tugger hoist, single drum	AREA 1	7.16	.65	1.00	.60	.24	
	AREA 2	8.29	.65	1.00	.60	.24	
GROUP IV							
BALLAST JACK TAMPER; Ballast regulator; ballast tamper multi-purpose; boxman (asphalt plant); Fork lift or lumber stacker (construction job site); Line Master; Lubrication & service engineer (mobile and grease rack); Material hoist (1 drum); Shuttlecar; Tie spacer; Towermobile	AREA 1	7.62	.65	1.00	.60	.24	
	AREA 2	8.75	.65	1.00	.60	.24	
GROUP V							
COMPRESSOR OPERATOR (2 to 7); Concrete mixers (over 1 yd.); Concrete pumps or pumpcrete guns; Generators (100 K.W. or over); Press-weld (air-operated); Pumps (2 to 7); Welding machines (gasoline or diesel) (2 to 7)	AREA 1	7.79	.65	1.00	.60	.24	
	AREA 2	8.92	.65	1.00	.60	.24	

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POWER EQUIPMENT OPERATORS (cont'd)

		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Others
GROUP VI BLH LIMA ROAD PACTOR or similar; Boom truck or dual purpose A-frame truck; Concrete batch plants (wet or dry); Concrete saws (self-propelled unit) on streets, highways, airports, and canals; Drilling and boring machinery, vertical & horizontal (not to apply to waterliners, wagon drills or jack-hammers); Gradesetter, grade checker (mechanical or otherwise); Highline cableway signalman; Locomotives (steam or over 30 tons) Maginnis internal full slab vibrator (on airports, highways, canals & warehouses); Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt; Portable crushers; Power jumbo operator (setting slip forms, etc. in tunnels); Roller; Screedman (Barber-Greene & similar) (asphaltic concrete paving); Self-propelled compactor (single engine); Self-propelled pipeline wrapping machine (perault, CRC, or similar types); Slip forms pumps (lifting device for concrete forms); Small rubber tired tractors; Surface heater	AREA 1	$7.90	.65	1.00	.60	.24
	AREA 2	9.03	.65	1.00	.60	.24

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POWER EQUIPMENT OPERATORS (cont'd)

		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Others
GROUP VII CONCRETE CONVEYOR OR CONCRETE PUMP, Truck or equipment mounted (boom length to apply); Concrete conveyor, building site; Deck engineers; Dual drum mixer; Fuller Kenyon pump and similar types; Instrument man; Material hoist (2 or more drums); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar; Mine or shaft hoist; Mixer-mobile; Pavement breaker with or without compressor combination; Pavement breaker, Truck mounted with compressor combination; Pipe bending machine (pipe lines only); Pipe cleaning machine (tractor propelled & supported); Pipe wrapping machine (tractor propelled and supported); Refrigeration plant; Self-propelled boom type lifting device; Self-propelled elevating grade plane; Slusher operator; Small tractor (with boom); Soil tester; Truck type loader	AREA 1	$8.04	.65	1.00	.60	.24
	AREA 2	9.17	.65	1.00	.60	.24
GROUP VIII ARMOR-COATER (or similar); Asphalt plant engineer; Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete batch plant (multiple units); Dozer; Heavy duty repairman and/or welders; Ken seal machine (or similar); Kolman loader; Loader (up to 2 yds.); Mechanical shield operator (or similar); Mechanical trench shield; Portable crushing & screening plants; Push cat; Rubber tired earth moving equipment (up to & incl. 45 cu. yds. "struck" m.r.c., euclids, T-pulls, IW-10,20,21 and similar); Tractor drawn scraper; Self-propelled compactor with dozer; Sheepfoot; Tractor; Trenching machine; Tri-batch paver; Tunnel mole boring machine operator; Welder; Woods-mixer (and other similar pugmill equipment)	AREA 1	8.36	.65	1.00	.60	.24
	AREA 2	9.49	.65	1.00	.60	.24

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POWER EQUIPMENT OPERATORS (cont'd)		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Others
GROUP IX							
CANAL FINGER DRAIN DIGGER; Chicago boom; Combination mixer & compressor (gunite); Combination Slurry mixer and/or cleaner; Highline cableway (5 tons & under); Lull hi-lift or similar (20 ft. or over); Mucking machine; Tractor (with boom) (D-6 or larger and similar)	AREA 1	$8.54	.65	1.00	.60	.24	
	AREA 2	9.67	.65	1.00	.60	.24	
GROUP X							
BOOM-TYPE BACKFILLING MACHINE; Bridge crane; Cary-lift (or similar); Chemical grouting machine; Chief of party; Combination backhoe & loader (up to and incl. 1/2 cu. yd. m.r.c.); Derricks (2 operators required when swing engine remote from hoist); Derrick barges (except excavation work); Do-more loader & Adams elegrader; Elevating grader op.; Rubber tired scraper, self-loading (paddle wheels, etc.); Heavy duty rotary drills rigs (incl. caisson foundation work & Robbins type drills); Koehring Skooper (or similar); Lift slab machine (Vagtborg & similar types); Loader (2 yds. up to & incl. 4 yds.); Locomotive (over 100 tons) (single or multiple units); Multiple engine earth-moving machine (euclids, dozers, etc.) (no tandem scraper); Prestress wire wrapping machine; Shuttle car (reclaim station); Soil stabilizer (P & H or equal); Subgrader (gurries or other automatic type); Track laying type-Earth moving machine (single engine with tandem scrapers); Tractor, compressor drill combination; Train loading station; Vacuum cooling plant; Single engine scraper over 45 yds.; Whirley crane (up to & incl. 25 tons)	AREA 1	8.70	.65	1.00	.60	.24	
	AREA 2	9.83	.65	1.00	.60	.24	

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POWER EQUIPMENT OPERATORS (cont'd)		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Others
GROUP X - A							
BACKHOE (hydraulic) (up to and incl. 1 cu. yd. m.r.c.); Backhoe (cable) (up to and incl. 1 cu. yd. m.r.c.); Combination backhoe and loader over 1/2 cu. yd. m.r.c.); Continuous flight tie back Auger (up to and incl. 1 cu. yd.) (crane attached); Cranes (not over 25 tons, hammerhead & gantry); Grade all (up to and incl. 1 cu. yd.); Power shovels, Clamshells, Draglines, (up to and incl. 1 cu. yd. m.r.c.); Power blade; Self-propelled boom-type lifting device (center mount) (over 10 tons); Self-propelled boom-type lifting device (center mounted) (over 15 tons)	AREA 1	$8.79	.65	1.00	.60	.24	
	AREA 2	9.92	.65	1.00	.60	.24	
GROUP XI							
AUTOMATIC CONCRETE SLIP FORM PAVER; Automatic railroad car dumper; Canal finger drain backfiller; Canal trimmer; Canal trimmer w/ditching attachments; Cranes (over 25 tons up to and incl. 125 tons); Continuous flight tie back Auger over 1 cu. yd. (incl. crane); Drott travelift 650-A-1 or similar (45 tons or over); Rubber tired earth moving machines (multiple propulsion power units & two or more scrapers) (up to & incl. 75 cu. yds. "struck" m.r.c.); Highline cableway (over 5 tons); Loader (over 4 yds. up to & incl. 12 cu. yds.); Power blades operator (multi-engine); Power shovels, Clamshells, Draglines, Backhoes, Gradalls, (over 1 yd. up to & incl. 7 cu. yds. m.r.c.); Self-propelled compactor (with multiple propulsion power units); Slip form paver (concrete to asphalt); Tandem cats; Tower cranes mobile; Trencher (pulling attached shield); Tower cranes mobile; Single engine rubber tired earth moving machine (with tandem scrapers); Universal Liebher and Tower cranes (and similar types); Wheel excavator (up to & incl. 750 cu yds. per hour); Whirley cranes (over 25 tons)	AREA 1	8.94	.65	1.00	.60	.24	
	AREA 2	10.07	.65	1.00	.60	.24	

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POWER EQUIPMENT OPERATORS (cont'd)		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Others
GROUP XI - A LOADER (over 12 cu. yds. up to & incl. 18 cu. yds.); Rubber tired multi-purpose earth moving machine (2 units) (over 75 cu. yds. "struck" m.r.c.); Power shovels & draglines (over 7 cu. yds. m.r.c.); Sand wagons (in conjunction with wheel excavator) Wheel excavator (over 750 yds. per hour); Cranes (over 125 tons)	AREA 1	$9.82	.65	1.00	.60	.24	
	AREA 2	10.95	.65	1.00	.60	.24	
GROUP XI - B LOADER (over 18 cu. yds.)	AREA 1	10.04	.65	1.00	.60	.24	
	AREA 2	11.17	.65	1.00	.60	.24	
GROUP XI - C OPERATOR OF HELICOPTER (when used in erection work); Remote controlled earth moving equipment	AREA 1	10.27	.65	1.00	.60	.24	
	AREA 2	11.40	.65	1.00	.60	.24	

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PILEDRIVING	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP I ASSISTANT TO ENGINEER (Fireman, Oiler, Deckhand)	$6.77	.65	1.00	.60	.24	
GROUP Ia COMPRESSOR OPERATOR	7.04	.65	1.00	.60	.24	
GROUP Ib TRUCK CRANE OILER	7.16	.65	1.00	.60	.24	
GROUP IIa TUGGER HOIST (Hoisting material only)	7.68	.65	1.00	.60	.24	
GROUP IIb COMPRESSOR OPERATOR (2-7); Generator (100 k.w. or over); Pump (2-7); Welding machine (2-7) powered other than by electricity)	7.85	.65	1.00	.60	.24	
GROUP III DECK ENGINEER; Fork lift; A-frame; Self-propelled boom-type lifting device	8.10	.65	1.00	.60	.24	
GROUP IIIa HEAVY DUTY REPAIRMAN AND/OR WELDER	8.41	.65	1.00	.60	.24	
GROUP IV OPERATING ENGINEER IN LIEU OF ASSISTANT TO ENGINEER TENDING BOILER OR COMPRESSOR ATTACHED TO CRANE PILEDRIVER; Operator of piledriving rigs, skid or floating and derrick barges; Operator of diesel or gasoline powered crane piledriver (w/o boiler) up to & incl. 1 cu. yd.; Truck crane (up to & incl. 25 tons hoisting material only)	8.87	.65	1.00	.60	.24	
GROUP V OPERATOR OF DIESEL OR GASOLINE POWERED CRANE PILEDRIVER WITHOUT BOILER, OVER 1 cu. yd.; Operator of crane (w/steam, flash boiler, pump or compressor attached); Operator of steam powered crawler, or Universal type driver (Raymond or similar type); Truck crane (over 25 tons hoisting material or performing piledriving work)	8.99	.65	1.00	.60	.24	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
HYDRAULIC SUCTION DREDGES						
BARGEMEN; Deckhand; Fireman; Levee-hand; Oiler	$6.71	.65	1.00	.60	.19	
WINCHMAN (stern winch on dredge)	7.30	.65	1.00	.60	.19	
DECKMATE	7.40	.65	1.00	.60	.19	
WATCH ENGINEER; Welder	7.95	.65	1.00	.60	.19	
LEVERMAN	8.64	.65	1.00	.60	.19	
CLAMSHELL & DIPPER DREDGES						
DECKHAND; Fireman; Oiler	6.71	.65	1.00	.60	.19	
DECK ENGINEER	8.04	.65	1.00	.60	.19	
WELDER; Mechanic welder	8.36	.65	1.00	.60	.19	
CLAMSHELL OP. (up to & incl. 7 cu. yds. m.v.c.)(long boom pay)	8.94	.65	1.00	.60	.19	
CLAMSHELL OP. (over 7 cu. yds. m.v.c) (long boom pay)	9.82	.65	1.00	.60	.19	

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TRUCK DRIVERS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
BULK CEMENT SPREADER (w/wo auger, under 4 yds. water level); Bus or manhaul driver; Concrete pump machine; Concrete pump truck(when flat rack truck is used appropriate flat rack rate shall apply); Dump (under 4 yds. water level); Dump-crete truck (under 4 yds. water level); Dumpster (under 4 yds. water level); Escort or pilot car driver; Nipper truck (when flat rack truck is used appropriate flat rack rate shall apply); Pickups; Skids (debris box, under 4 yds. water level); Team drivers; Trucks (dry pre-batch concrete mix, under 4 yds. water level); Vacuum truck helpers; Warehousemen	$6.075	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, 4 yds. and under 6 yds. water level); Dump (4 yds. & under 6 yds. water level); Dump-crete (4 yds. & under 6 yds. water level); Dumpster (4 yds. & under 6 yds. water level); Skids (debris box, 4 yds. & under 6 yds. water level); Single unit flat rack (2 axle unit-industrial lift, mechanical tailgate); Trucks (dry pre-batch concrete mix, 4 yds. & under 6 yds. water level)	6.17	.765	.50	.75		
JETTING TRUCK & WATER TRUCK (under 2,500 gals)	6.185	.765	.50	.75		
LIFT JITNEYS, Fork lift	6.205	.765	.50	.75		
TRANSIT MIX, AGITATOR (under 6 yds.)	6.225	.765	.50	.75		
TRUCK REPAIRMAN HELPER	6.245	.765	.50	.75		
VACUUM TRUCK (under 3,500 gals)	6.255	.765	.50	.75		
SCISSOR TRUCK; Single unit flat rack (3 axle unit-industrial lift truck, mechanical tailgate); Small rubber tired tractor (when used within teamsters' jurisdiction)	6.27	.765	.50	.75		
JETTING TRUCK & WATER TRUCK (2,500 gals under 4,000 gals)	6.285	.765	.50	.75		
COMBINATION WINCH TRUCK WITH HOIST; Transit mix, agitator (6 yds.& under 8 yds.)	6.325	.765	.50	.75		

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TRUCK DRIVERS CONT'D	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
VACUUM TRUCK (3,500 gals & under 5,500 gals)	6.335	.765	.50	.75		
RUBBER-TIRED MUCK CAR (not self-loaded)	6.345	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, 6 yds. & under 8 yds. water level); Dump (6 yds. & under 8 yds. water level); Dumpcrete (6 yds. & under 8 yds. water level); Dumpster (6 yds. & under 8 yds. water level); Skids (debris box, 6 yds. & under 8 yds. water level); Trucks (dry pre-batch concrete mix, 6 yds. & under 8 yds. water level)	6.37	.765	.50	.75		
A-FRAME, WINCH TRUCKS; Buggymobile: Hydro-lift, Swedish crane type (jetting) Jetting & water truck (4,000 gals & under 5,000 gals); Rubber tired jumbo	6.385	.765	.50	.75		
HEAVY DUTY TRANSPORT (high bed)	6.39	.765	.50	.75		
ROSS HYSTER & SIMILAR STRADDLE CARRIER	6.415	.765	.50	.75		
TRANSIT MIX AGITATOR (8 yds. through 10 yds.)	6.425	.765	.50	.75		
VACUUM TRUCK (5,000 gals & under 7,500 gals)	6.435	.765	.50	.75		
JETTING TRUCK & WATER TRUCK (5,000 gals & under 7,000 gals)	6.485	.765	.50	.75		
TRANSIT MIX AGITATOR (over 10 yds. through 12 yds.)	6.525	.765	.50	.75		
HEAVY DUTY TRANSPORT (gooseneck lowbed)	6.62	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, 8 yds. & incl. 12 yds. water level); Dump (8 yds. & incl. 12 yds. water level);Dumpcrete (8 yds. & incl. 12 yds. water level); Self-propelled street sweeper with self-contained refuse bin; Skids (debris box, 8 yds. & incl. 12 yds. water level); Snow go and/or snow plow; Truck (dry pre-batch concrete mix, 8 yds & incl. 12 yds. water level); Dumpster (8 yds. & incl. 12 yds. water level)	6.61	.765	.50	.75		

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TRUCK DRIVERS CONT'D	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
TRANSIT MIX AGITATOR (over 12 yds. through 14 yds.)	6.625	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 12 yds. & incl. 18 yds. water level); Dump (over 12 yds. & incl. 18 yds.water level); Dumpcrete (over 12 yds. & incl. 18 yds. water level); Dumpster (over 12 yds. & incl. 18 yds. water level); Skids (debris box, over 12 yds. & incl. 18 yds. water level); Trucks (dry pre-batch concrete mix, over 12 yds. & incl. 18 yds. water level)	6.65	.765	.50	.75		
P. B. OR SIMILAR TYPE SELF-LOADING TRUCK	6.71	.765	.50	.75		
TRUCK REPAIRMAN	6.745	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 18 yds. & incl. 24 yds. water level); Combination dump & dump trailer; Dump (over 18 yds. & incl. 24 yds. water level); Dumpcrete (over 18 yds. & incl. 24 yds. water level); Dumpster (over 18 yds. & incl. 24 yds. water level); Skid (debris box, over 18 yds. & incl. 24 yds. water level); Transit mix agitator (over 14 yds. through 16 yds.); Trucks (dry pre-batch concrete mix, over 17 yds. & incl. 24 yds. water level)	6.735	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 24 yds. & incl. 35 yds. water level); Dump (over 24 yds. & incl. 35. yds. water level); Dumpcrete (over 24 yds. & incl. 35 yds. water level); Dumpster (over 24 yds. & incl. 35 yds. water level); DW 10's, 20's, 21's & other similar cat type, Terra Cobra, LeTourneaupuls, Tournorocker, Euclid & similar type equipment when pulling Aqua/Pak or water tank trailers & fuel and/or grease tank trailers or other misc. trailers; Skids (debris box, over 24 yds. & incl. 35 yds. water level); Truck (dry pre-batch concrete mix, over 24 yds. & incl. 35 yds. water level)	6.81	.765	.50	.75		

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TRUCK DRIVERS CONT'D

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
BULK CEMENT SPREADER (w/wo auger, over 35 yds. & incl. 50 yds. water level); Dump (over 35 yds. & incl. 50 yds. water level); Dumpcrete (over 35 yds. & incl. 50 yds. water level); Dumpster (over 35 yds. & incl. 50 yds. water level); Skids (debris box, over 35 yds. & incl. 50 yds. water level); Trucks (dry pre-batch concrete mix, over 35 yds & incl. 50 yds. water level)	6.96	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 50 yds. & under 65 yds. water level); Dump (over 50 yds. & under 65 yds. water level); Dumpcrete (over 50 yds. & under 65 yds. water level); Dumpster (over 50 yds. & under 65 yds. water level); Helicopter pilot (when transporting men or materials); Skids (debris box, over 50 yds. & under 65 yds. water level); Trucks (dry pre-batch concrete mix, over 50 yds. & under 65 yds. water level)	7.11	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 65 yds. & incl. 80 yds. water level); Dump (65 yds. & incl. 80 yds. water level); Dumpcrete (65 yds. & incl. 80 yds. water level); Dumpster (65 yds. & incl. 80 yds. water level); Skids (debris box, 65 yds. & incl. 80 yds. water level); Trucks (dry pre-batch concrete mix, 65 yds. & incl. 80 yds. water level)	7.26	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 80 yds. & incl. 95 yds. water level); Dump (over 80 yds. & incl. 95 yds. water level); Dumpcrete (over 80 yds. & incl. 95 yds. water level); Dumpster (over 80 yds. & incl. 95 yds. water level); Skids (debris box, over 80 yds. & incl. 95 yds. water level); Trucks (dry pre-batch concrete mix, over 80 yds. & incl. 95 yds. water level)	7.41	.765	.50	.75		

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CALIFORNIA
AREA DEFINITIONS for
POWER EQUIPMENT OPERATORS

**AREA 2: All areas not included within Area 1 as defined below.

*AREA 1: All areas included in the description defined below which is based upon township and range lines of Areas 1 and 2.

Commencing in the Pacific Ocean on the extension of the Southerly line of Township 19S.
Thence Easterly along the Southerly line of Township 19S, crossing the Mt. Diablo meridian to the S.W. corner of township 19S, range 6E, Mt. Daiblo base line and meridian,
Thence Southerly to the S.W. corner of township 20S, range 6E,
Thence Easterly to the S.W. corner of township 20S, range 13E,
Thence Southerly to the S.W. corner of township 21S, range 13E,
Thence Easterly to the S.W. corner of township 21S, range 17E,
Thence Southerly to the S.W. corner of township 22S, range 17E,
Thence Easterly to the S.E. corner of township 22S, range 17E,
Thence Southerly to the S.W. corner of township 23S, range 18E,
Thence Easterly to the S.E. corner of township 23S, range 18E,
Thence Southerly to the S.W. corner of township 24S, range 19E, falling on the Southerly line of Kings County, thence Easterly along the Southerly boundary of Kings County and the Southerly boundary of Tulare County, to the S.E. corner of township 24S, range 29E,
Thence Northerly to the N.E. corner of township 21S, range 29E,
Thence Westerly to the N.W. corner of township 21S, range 29E,
Thence Northerly to the N.E. corner of township 13S, range 28E,
Thence Westerly to the N.W. corner of township 13S, range 28E,
Thence Northerly to the N.E. corner of township 11S, range 27E,
Thence Westerly to the N.W. corner of township 11S, range 27E,
Thence Northerly to the N.E. corner of township 10S, range 26E,
Thence Westerly to the N.W. corner of township 10S, range 26E,
Thence Northerly to the N.E. corner of township 9S, range 25E,
Thence Westerly to the N.W. corner of township 9S, range 25E,
Thence Northerly to the N.E. corner of township 8S, range 24E,
Thence Westerly to the N.W. corner of township 8S, range 24E,
Thence Northerly to the N.E. corner of township 6S, range 23E,
Thence Westerly to the S.E. corner of township 5S, range 19E,
Thence Northerly to the N.E. corner of township 5S, range 19E,
Thence Westerly to the N.W. corner of township 5S, range 19E,
Thence Northerly to the N.E. corner of township 3S, range 18E,
Thence Westerly to the N.W. corner of township 3S, range 18E,
Thence Northerly to the N.E. corner of township 2S, range 17E,
Thence Westerly to the N.W. corner of township 2S, range 17E,
Thence Northerly crosing the Mt. Diablo baseline to the N.E. corner of township 2N, range 16E,
Thence Westerly to the N.W. corner of township 2N, range 16E,
Thence Northerly to the N.E. corner of township 3N, range 15E,
Thence Westerly to the N.W. corner of township 3N, range 15E,
Thence Northerly to the N.E. corner of township 4N, range 14E,

CALIFORNIA
AREA DEFINITIONS for
POWER EQUIPMENT OPERATORS (cont'd)

*Area 1 (cont'd):
Thence Westerly to the N.W. corner of township 4N, range 14E,
Thence Northerly to the N.E. corner of township 5N, range 13E,
Thence Westerly to the N.W. corner of township 5N, range 13E,
Thence Northerly to the N.E. corner of township 10N, range 12E,
Thence Easterly to the S.E. corner of township 11N, range 14E,
Thence Northerly to the N.E. corner of township 11N, range 14E,
Thence Westerly to the N.E. corner of township 11N, range 10E,
Thence Northerly to the N.E. corner of township 15N, range 10E,
Thence Easterly to the S.E. cotner of township 16N, range 11E,
Thence Northerly to the N.E. corner of township 16N,range 11E,
Thence Easterly to the S.E. corner of township 17N, range 14E,
Thence Southerly to the S.W. corner of township 14N, range 15E,
Thence Easterly to the S.E. corner of township 14N, range 15E,
Thence Southerly to the S.W. corner of township 13N, range 16E,
Thence Easterly to the S.E. corner of township 13N, range 16E,
Thence Southerly to the S.W. corner of township 12N, range 17E,
Thence Easterly along the Southern line of township 12N to the Eastern boundary of the state of California,
Thence Northwesterly, thence Northerly along the Eastern boundary of the state of California to the N.E. corner of township 17N, range 18E,
Thence Westerly to the N.W. corner of township 17N, range 11E,
Thence Northerly to the N.E. corner of township 20N, range 10E,
Thence Westerly to the N.W. corner of township 20N, range 10E,
Thence Northerly to the N.E. corner of township 21N, range 9E,
Thence Westerly to the N.W. corner of township 21N, range 9E,
Thence Northerly to the N.E. corner of township 22N, range 8E,
Thence Westerly to the N.W. corner of township 22N, range 8E,
Thence Northerly to the S.W. corner of township 27N, range 8E,
Thence Easterly to the S.E. corner of township 27N, range 8E,
Thence Northerly to the N.E. corner of township 28N, range 8E,
Thence Westerly to the N.W. corner of township 28N, range 7E,
Thence Northerly to the N.E. corner ot township 30N, range 6E,
Thence Westerly to the N.W. corner of township 30N, range 1E,
Thence Northerly along the Mt. Diablo meridian to the N.E. corner of township 34N, range 1W,
Thence Westerly to the N.W. corner of township 34N, range 6W,
Thence Southerly to the N.E. corner of township 32N. range 7W,
Thence Westerly to the N.W. corner of township 32N, range 7W,
Thence Southerly to the S.W.corner of township 30N, range 7W,
Thence Easterly to the S.E. corner of township 30N, range 7W,
Thence Southerly to the S.W. corner of township 16N, range 6W,
Thence Easterly to the S.E. corner of township 16N, range 6W,
Thence Southerly to the S.W. corner of township 14N, range 5W,
Thence Westerly to the S.E. corner of township 14N, range 7W,
Thence Northerly to the N.E. corner of township 14N, range 7W,
Thence Westerly to the N.W. corner of township 14N, range 7W,
Thence Northerly to the N.E. corner of township 15N, range 8W,

CALIFORNIA
AREA DEFINITIONS for
POWER EQUIPMENT OPERATORS (cont'd)

*Area 1 (cont'd)
Thence Westerly to the S.E. corner of township 16N, range 12W,
Thence Northerly to the N.E. corner of township 16N, range 12W,
Thence Westerly to the N.W. corner of township 16N, range 12W,
Thence Northerly to the N.E. corner of township 18N, range 13W,
Thence Westerly to the N.W. corner of township 18N, range 14W,
Thence Southerly to the S.W. corner of township 18N, range 14W,
Thence Easterly to the S.E. corner of township 18N, range 14W,
Thence Southerly to the S.W. corner of township 16N, range 13W,
Thence Westerly to the N.W. corner of township 15N, range 14W,
Thence Southerly to the S.W. corner of township 14N, range 14W,
Thence Easterly to the S.E. corner of township 14N, range 14W,
Thence Southerly to the S.W. corner of township 13N, range 13W,
Thence Easterly to the S.E. corner of township 13N, range 13W,
Thence Southerly to the S.W. corner of township 11N, range 12W,
Thence Easterly to the S.E. corner of township 11N, range 12W,
Thence Southerly along the Eastern line of range 12W to the Pacific Ocean excluding that portion of Northern California within Santa Clara County included within the following line:
Commencing at the N.W. corner of township 6S, range 3E, Mt. Diablo baseline and Meridian:
Thence in a Southerly direction to the S.W. corner of township 7S, range 3E,
Thence in a Easterly direction to the S.E. corner of township 7S, range 4E,
Thence in a Northerly direction to the N.E. corner of township 6S, range 4E,
Thence in a Westerly direction to the N.W. corner of township 6S, range 3E, to the point of beginning which portion is a part of Area 2.
Area 1 also includes that portion of Northern California within the following lines:
Commencing in the Pacific Ocean on an extension of the Southerly line of township 2N, Humboldt baseline and meridian:
Thence Easterly along the Southerly line of township 2N to the S.W. corner of township 2N, range 1W,
Thence Southerly to the S.W. corner of township 1N, range 1W,
Thence Easterly along the Humboldt baseline to the S.W. corner of township 1N, range 2E,
Thence Southerly to the S.W. corner of township 2S, range 2E,
Thence Easterly to the S.E corner of township 2S, range 2E,
Thence Southerly to the S.W. corner of township 4S, range 3E,
Thence Easterly to the S.E. corner of township 4S, range 3E,
Thence Northerly to the N.E. corner of township 2S, range 3E,
Thence Westerly to the N.W. corner of township 2S, range 3E,
Thence Northerly crossing the Humboldt baseline to the S.W. corner of township 1N, range 3E,
Thence Easterly along the Humboldt baseline to the S.E. corner of township 1N, range 3E,
Thence Northerly to the N.E. corner of township 9N, range 3E,
Thence Westerly to the N.W. corner of township 9N, range 2E,
Thence Northerly to the N.E. corner of township 10N, 1E,

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CALIFORNIA
AREA DEFINITIONS for
POWER EQUIPMENT OPERATORS (cont'd)

*Area 1 (cont'd)
Thence Westerly along the Northerly line to township 10N, into the Pacific Ocean.
Area 1 also includes that portion of Northern California included within the following line:
Commencing at the Northerly boundary of the state of California at the N.W. corner of township 48N, range 7W, Mt. Diablo baseline and meridian:
Thence Southerly to the S.W. corner of township 44N, range 7W,
Thence Easterly to the S.E. corner of township 44N, range 7W,
Thence Southerly to the S.W. corner of township 43N, range 6W,
Thence Easterly to the S. E. corner of township 43N, range 5W,
Thence Northerly to the N.E. corner of township 48N, range 5W, on the Northerly boundary of the state of California,
Thence Westerly along the Northerly boundary of the state of California to the point of beginning.

SUPERSEDEAS DECISION

STATE: CALIFORNIA

COUNTIES: Alameda, Amador, Contra Costa, Fresno, Marin, Merced, Monterey, Napa, Nevada, Placer, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Solano, Sonoma, Sutter, Yolo and Yuba

DECISION NUMBER: AP-288

DATE: Date of Publication

Supersedes Decision No. AP-246 dated October 13, 1972 in 37 FR 21728

DESCRIPTION OF WORK: Residential Construction consisting of single family homes and garden type apartments up to and including 4 stories.

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
ASBESTOS WORKERS	$9.17	.60	.40	.90	.04	
BOILERMAKERS	7.45	.60	1.00	.50	.02	
BRICKLAYERS; Stonemasons:						
Marin, Napa, San Francisco, San Mateo, Solano and Sonoma Counties	8.68	.83	.58	.70		
Alameda and Contra Costa Counties	8.50	.65	.60	.70		
Fresno and Merced Counties	7.73	.42	.50			
Nevada, Placer, Sacramento, Shasta, Sutter, Yolo and Yuba Counties	8.90	.40	.40			
Monterey and Santa Cruz Counties	7.71	.73	.55			
San Benito and Santa Clara Counties	8.50	.85	.65	.75	.01	
Amador and San Joaquin Counties	7.92	.33	.15	1.00		
BRICK TENDERS:						
Alameda and Contra Costa Counties	7.20	.50	.70		.01	
Fresno County	6.05	.50	.60			
Marin County	6.60	.60	.40	.65		
Napa County	6.74	.50	.60	.60		
San Benito and Santa Clara Counties	6.58	.45	.40			
San Francisco and San Mateo Counties	7.45	.25	.40	.60		
CARPENTERS:						
Carpenters	8.10	.60	.55	.75	.02	
Hardwood floor layers; Power saw op.; Saw filers; Shinglers; Steel scaffold erectors and/or steel shoring erectors	8.25	.60	.55	.75	.02	
Millwrights	8.50	.60	.55	.75	.02	
Piledrivermen; Bridge, wharf and dock builders	8.23	.60	.55	.75	.02	
CEMENT MASONS:						
Cement masons	7.13	.56	.75	.75		
Mastic; Magnesite; All comp. masons	7.38	.56	.75	.75		
Men working from swinging or slip form scaffolds	7.38	.56	.75	.75		
DRYWALL INSTALLERS	8.37	.60	.55	.75	.04	
ELECTRICIANS:						
Alameda County						
Electricians	8.85	.50	4%			
Cable splicers	9.99	.50	4%			
Tunnel:						
Electricians	8.85	.50	4%			
Cable splicers	9.99	.50	4%			

ELECTRICIANS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Amador, Sacramento, Sutter, Yolo, Yuba and those portions of Nevada and Placer Counties West of the Main Sierra Mountain Watershed						
Electricians	8.63	.41	1%+.65		.045	
Cable splicers	9.49	.41	1%+.65		.045	
Tunnel:						
Electricians	8.96	.31	1%+.55		.045	
Cable splicers	9.86	.31	1%+.55		.045	
Lake Tahoe Area						
Electricians	9.24	.53	1%+.25		.02	
Cable splicers	10.12	.53	1%+.25		.02	
Shasta County						
Electricians	8.57	.42	1%+.30		.005	
Cable splicers	9.43	.42	1%+.30		.005	
Tunnel:						
Electricians; Cable splicers' helpers	9.00	.42	1%+.30		.005	
Cable splicers	9.90	.42	1%+.30		.005	
San Joaquin County						
Electricians; Technicians	9.00	.49	1%		.01	
Cable splicers	10.13	.49	1%		.01	
Contra Costa County						
Electricians	9.10	.60	1%+.50		.02	
Cable splicers	10.20	.60	1%+.50		.02	
Tunnel:						
Electricians	8.80	.40	1%+.50		.02	
Cable splicers	9.90	.40	1%+.50		.02	
Fresno County						
Electricians	8.96	.50	1%+.50		.05	
Cable splicers	9.36	.50	1%+.50		.05	
Marin, and Sonoma Counties						
Electricians	7.10	.23	1%+.10		.02	
Cable splicers	7.92	.23	1%+.10		.02	
Merced County						
Electricians	8.69	.27	1%		.01	
Cable splicers	9.56	.27	1%		.01	
Monterey County						
Electricians	9.75	.45	1%		.01	
Cable splicers	10.70	.45	1%		.01	
Napa and Solano Counties						
Electricians	8.92	.58	1%+.25		.02	
Cable splicers	9.42	.58	1%+.25		.02	
San Benito and Santa Clara Counties						
Electricians	9.03	.64	1%+.35		.02	
Cable splicers	10.16	.64	1%+.35		.02	
Tunnel or shaft:						
Electricians	8.59	.38	1%			
Cable splicers	9.66	.38	1%			
San Francisco County						
Electricians	9.32	.705	1%+.35		.04	
Cable splicers	10.485	.705	1%+.35		.04	
San Mateo County						
Electricians	8.88	.43	1%+.15		.03	

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ELECTRICIANS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
Santa Cruz County						
Electricians - Technicians	$9.23	.20	1%		.02	
Cable splicers	10.38	.20	1%		.02	
ELEVATOR CONSTRUCTORS	9.48	.345	.23	2%+a	.015	
ELEVATOR CONSTRUCTORS' HELPERS	70%JR	.345	.23	2%+a	.015	
ELEVATOR CONSTRUCTORS' HELPERS (PROB.)	50%JR					
GLAZIERS:						
Amador, Nevada, Placer, Sacramento, San Joaquin, Shasta, Sutter, Yolo, Yuba and Merced (North of the city of Livingston) Counties	7.77	.25	.55	8%	.01	
Alameda, Contra Costa, Marin, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano (SW from E. of Fairfield), Sonoma Counties	8.455	.35	.55	.24	.01	
Merced (Remainder of County) and Fresno County	7.25	.35	.55	.61	.05	
IRONWORKERS:						
Fence erectors	8.24	.58	.625	.70	.02	
Ornamental; Structural	8.38	.58	.625	.70	.02	
Reinforcing	8.34	.58	.625	.70	.02	
LATHERS:						
Alameda and Contra Costa Counties	7.84	.34	.385		.025	
Nevada, Placer and Shasta Counties	7.68	.43	.40		.01	
San Joaquin County	7.20	.25	.20	.80		
Marin and Sonoma Counties	6.71	.37	.45	.91	1/8%	
Monterey and Santa Cruz Counties	7.10	.40	.40	.20	.01	
Napa and Solano Counties	6.83	.60	.40	1.00	.01	
San Francisco County	8.23	.46	.65	1.00	.01	
San Benito and Santa Clara Counties	7.73	.30	.25			
PAINTERS:						
Shasta, Sutter, and Yuba Counties:						
Brush; Roller	5.40	.35	.25	.105		
Spray; Sandblast; Structural steel; Swingstages; Tapers	5.65	.35	.25	.105		
Amador, and San Joaquin Counties:						
Brush	6.62	.50	.55	.80		
Spray; Sheetrock taper, Swingstage; Scaffold; Sandblaster; Structural steel	6.92	.50	.55	.80		
Fresno County						
Brush; Tapers	7.32	.40	.20			
Spray	7.57	.40	.20			
Structural Steel	7.57	.40	.20			

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PAINTERS: (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Alameda, Contra Costa, Marin, Monterey, Napa, Nevada, Placer, Sacramento, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma and Yolo Counties (excluding portions of Counties in the Lake Tahoe Area):						
Brush	$7.77	.64	.65	.80		
Spray	8.02	.64	.65	.80		
Tapers	8.27	.64	.65	.80		
Merced County						
Brush	6.30	.35		.75		
Paperhangers; Spray; Tapers	6.55	.35		.75		
Lake Tahoe Area						
Brush	8.10	.30	.20			
Spray; Structural steel; Tapers	8.35	.30	.20			
PLASTERERS:						
Alameda and Contra Costa Counties	8.24	.575	.45		.01	
Sutter, and Yuba Counties	6.05	.25	.25	.50	.01	
Fresno County	7.19	.56	.40		.01	
Monterey County	8.03	.46	.35		.01	
Nevada, Placer, Sacramento and Yolo Counties	7.65	.245	.25	.65		
San Benito and Santa Clara Counties	7.63	.59	.50	.80	.01	
San Francisco County	7.12	.48	.85	1.50	.02	
San Mateo County	7.45	.43	.55	1.17		
Marin, Napa, Shasta, Solano, Sonoma Counties	7.15	.53	.25	1.00	.01	
Merced County	6.30	.65	.60	1.00		
PLASTERERS' TENDERS:						
Alameda and Contra Costa Counties	7.97	.50	.80		.10	
Fresno County	5.55	.55	1.05	.70		
Marin County	6.30	.60	.40	1.00		
Napa County	6.65	.55		.80		
Amador, Nevada, Placer, Sacramento, and Yolo Counties	6.45	.395	1.05	.70		
San Francisco and San Mateo Counties	7.50	.25	.40	.95		
San Benito and Santa Clara Counties	7.75	.60	.55			
Shasta County	5.75	.55	1.05	.70		
PLUMBERS:						
Alameda County	9.88	.65	1.00		.10	
Contra Costa County	10.02	.53	1.00		.16	
PLUMBERS; Steamfitters						
Amador (northern half of county Sacramento, Yolo, Nevada, Placer (excluding Lake Tahoe Area)	8.98	.75	1.05		.11	
Lake Tahoe Area	7.85	.30	.60	1.55	.07	
Marin, San Francisco, and Sonoma Cos.	8.30	1.44	.705	.735	.065	
San Benito and Santa Clara Counties	8.81	.61	.95	.72	.10	

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PLUMBERS; Steamfitters (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
San Mateo County	$9.075	.485	.50		.075	
Amador (southern portion of County), Fresno, Merced, Monterey, San Joaquin, Santa Cruz, Shasta, Sutter, and Yuba Counties	8.39	.77	.79		.03	
Napa and Solano Counties	9.40	.60	.58		.07	
ROOFERS:						
Alameda and Contra Costa Counties						
Roofers	7.55	.48	.75	.30	.01	
Mastic workers; Kettlemen (2 kettles w/o pumps)	7.80	.48	.75	.30	.01	
Bitumastic; Enamelers; Pipewrapper; coal tar built up	8.55	.48	.75	.30	.01	
Merced, San Joaquin Counties						
Roofers (slate, tile composition and built up)	6.94	.50	.30	.75		
Felt machine operator	7.19	.50	.30	.75		
Placer, Shasta, Sutter, and Yuba Cos.						
Roofers	7.54	.50	.40			
Fresno County						
Roofers	7.70	.50	.50			
Sonoma County						
Roofers	7.09	.50	.70	.78	.01	
Kettlemen (2 kettles w/o pumps)	7.34	.50	.70	.78	.01	
Bitumastic; Enamelers; Pipewrappers; Coal tar pitch built up	8.09	.50	.70	.78	.01	
Marin County						
Roofers	6.77	.45	.70	1.15	.01	
Mastic workers; Kettlemen (2 kettles without pumps)	7.02	.45	.70	1.15	.01	
Bitumastic; Enamelers; Pipewrappers; Coal tar	7.77	.45	.70	1.15	.01	
Monterey County						
Roofers	6.80	.30	.50	1.00		
San Francisco and San Mateo Counties						
Roofers	7.00	.50	.70	.85	.01	
Mastic workers & kettlemen (2 kettles without pumps	7.25	.50	.70	.85	.01	
Bitumastic; Enamelers; Pipewrappers; Coal tar	8.00	.50	.70	.85	.01	
Napa and Solano Counties						
Roofers	6.70	.25	.50	.50		
Amador, Sacramento and Yolo Counties						
Roofers (Slate, Tile & Composition)	6.67	.48	.40			
Enameler and Pitch	7.42	.48	.40			
Felt machine operator, spudding machine operator, all types	6.92	.48	.40			
San Benito and Santa Clara Counties						
Roofers; Kettlemen (1 kettle)	7.11	.46	.63	1.00		
SHEET METAL WORKERS:						
Alameda and Contra Costa Counties	7.25	.39	.505	10%c	.015	

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SHEET METAL WORKERS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
San Joaquin County	$6.375	.36	.50	1.00		
Amador, Nevada, Placer, Sacramento, Shasta, Sutter, Yolo and Yuba Cos.	7.76	.46	1.00	12%	.07	
Fresno County	8.20	.48	.79		.07	
Marin, Napa, Sonoma and Solano Cos.	8.55	.36	.44		.15	
Merced County	8.83	.36	.60		.03	
Monterey, San Benito, Santa Clara and Santa Cruz Counties	8.10	.38	.81	10%		
San Francisco County	8.48	.38	.55		10%	
San Mateo County	8.35	.38	.62		2%	
SOFT FLOOR LAYERS:						
Alameda, Contra Costa, Napa and Solano Counties	7.50	.36	.30	29d	.05	
Merced (east of the San Joaquin River) San Joaquin, Shasta, Sacramento, Amador Sutter, Yolo and Yuba Counties, and those portions of Nevada, Placer and (excluding Lake Tahoe Area)	7.455	.495	.45	1.00	.07	
Lake Tahoe Area	8.35	.30	.20			
Fresno County	8.80	.20				
Marin, San Francisco, San Mateo, and Sonoma Counties	7.60	.50	.55	e	.04	
Monterey, San Benito, Santa Clara and Santa Cruz Counties	7.39	.35	.30	.89	.05	
SPRINKLER FITTERS:						
Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties	10.71	.30	.50		.02	
SPRINKLER FITTERS:						
Remaining Counties	11.30	.30	.50		.05	
STEAMFITTERS:						
Alameda and Contra Costa Counties	9.415	.30	.65		.005	
TERRAZZO WORKERS:						
Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Solano, Sonoma Counties	7.89	.83	.58	1.00		
Nevada, Placer, Sacramento, Shasta, Sutter, Yolo, and Yuba Counties	8.90	.40	.40			
Fresno County	7.12	.30				
TILE SETTERS:						
Alameda, Contra Costa, Marin, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Solano and Sonoma Cos.	7.25	.56	.60	.80	.015	
Amador, San Joaquin Counties	7.17	.33		.65		

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TILE SETTERS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Nevada, Placer, Sacramento, Shasta, Sutter, Yolo and Yuba Counties	$7.25	.36	.35	.80	.015	
Fresno County	7.12	.30				
Monterey and Santa Cruz Counties	8.02	.67	.635			
RIGGERS; WELDERS: Receive rate prescribed for craft performing operation to which rigging or welding is incidental.						

PAID HOLIDAYS:
A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

FOOTNOTES:

a. Employer contributes 4% of basic hourly rate for over 5 years service and 2% of basic hourly rate for 6 months to 5 years as Vacation Pay Credit. 6 Paid Holidays: A through F.

b. Four Paid Holidays: C, D, E, and Washington's Birthday.

c. 1st year of employment employer contributes $.14 per hour to Vacation; 2nd year thru 5th year $.30 per hour; 6th year and thereafter $.46 per hour.

d. Employer contributes $.75 1st 5 years; $.90 after 5 years to Vacation and Holiday Fund.

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LABORERS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
BRIDGE; Brush loaders & piler; Cleanup; Dumpman; General; Landscape; Limbers; Tool room attendant	$5.435	.55	1.05	.70	.06	
ASPHALT SHOVELERS; Cement dumper; Chipper; Choker setter & rigger; Chucktender; Concrete; Guinea Chaser; High pressure nozzleman; Hydraulic monitor; Nipper; Pneumatic, gas and electric tool op.(not otherwise classified);Sloper; Loading, unloading, handling materials for reinforcing concrete construction	5.535	.55	1.05	.70	.06	
ASPHALT IRONERS & RAKERS; Bucker; Buggymobile; Chainsaw; Compactors; Concrete saw & pan work; Cribber and or shoring; Curb setter; Form raiser; Faller; Headerboard man; Post hole digger (air, gas, or electric); Jackhammer; Kettlemen; Log loader; Magnesite & mastic workers; Pavement breaker; Pipelayers; Pipewrappers; Power broom sweeper; Riprap stonepaver & rockslinger; Rotary scarifier; Rototiller; Sandblaster; Barko, wackers & similar type tampers; Tank cleaners; Tree climber; Vibrator; Vibra-screed bull float	5.685	.55	1.05	.70	.06	
BURNING AND WELDING	5.735	.55	1.05	.70	.06	
PIPELAYERS; Caulkers; Banders (Contra Costa County Only)	5.885	.55	1.05	.70	.06	
BLASTERS; Drills (Diamond or Wagon); High scaler; Powderman; Tree topper	5.91	.55	1.05	.70	.06	
LABORERS on general construction work on or in bell hole footings & shaft	6.235	.55	1.05	.70	.06	
GUNITE LABORERS:						
NOZZLEMEN; Rodmen; Gunmen; Groundmen	6.145	.55	1.05	.70	.06	
REBOUNDMEN	5.555	.55	1.05	.70	.06	

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POWER EQUIPMENT OPERATORS		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Other
GROUP I							
ASSISTANTS TO ENGINEERS (Brakeman; Fireman; Heavy duty repairman helper; Oiler; Deckhand; Signalman; Switchman; Tar pot fireman); Partsman (Heavy duty repair shop parts room)	AREA 1	$6.71	.65	1.00	.60	.24	
	AREA 2	7.84	.65	1.00	.60	.24	
GROUP II							
COMPRESSOR OPERATOR; Concrete mixer (up to & incl. 1 yd.); Conveyor belt op. (tunnel); Fireman hot plant; Hydraulic monitor; Mechanical conveyor (handling building materials); Mixer box operator (concrete plant); Pump operator; Spreader boxman (with screeds); Tar pot fireman (power agitated)	AREA 1	6.99	.65	1.00	.60	.24	
	AREA 2	8.12	.65	1.00	.60	.24	
GROUP III							
BOX OPERATOR (bunker); Locomotive; Motorman; Oiler; Rodman or chainman; Ross carrier(construction job site); Rotomist operator; Screedman (except asphaltic concrete paving); Self-propelled, automatically applied concrete curing machine (on streets, highways, airports and canals); Trenching machine (maximum digging capacity 3 ft. depth); Tugger hoist, single drum	AREA 1	7.16	.65	1.00	.60	.24	
	AREA 2	8.29	.65	1.00	.60	.24	
GROUP IV							
BALLAST JACK TAMPER; Ballast regulator; ballast tamper multi-purpose; boxman (asphalt plant); Fork lift or lumber stacker (construction job site); Line Master; Lubrication & service engineer (mobile and grease rack); Material hoist (1 drum); Shuttlecar; Tie spacer Towermobile	AREA 1	7.62	.65	1.00	.60	.24	
	AREA 2	8.75	.65	1.00	.60	.24	
GROUP V							
COMPRESSOR OPERATOR (2 to 7); Concrete mixers (over 1 yd.); Concrete pumps or pumpcrete guns; Generators (100 K.W. or over); Press-weld (air-operated); Pumps (2 to 7); Welding machines (gasoline or diesel) (2 to 7)	AREA 1	7.79	.65	1.00	.60	.24	
	AREA 2	8.92	.65	1.00	.60	.24	

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POWER EQUIPMENT OPERATORS (cont'd)		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Other
GROUP VI							
BLH LIMA ROAD PACTOR or similar; Boom truck or dual purpose A-frame truck; Concrete batch plants (wet or dry); Concrete saws (self-propelled unit) on streets, highways, airports, and canals; Drilling and boring machinery, vertical & horizontal (not to apply to waterliners, wagon drills or jack-hammers); Gradesetter, grade checker (mechanical or otherwise); Highline cableway signalman; Locomotives (steam or over 30 tons) Maginnis internal full slab vibrator (on airports, highways, canals & warehouses); Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burn, curb and/or curb and gutter machine, concrete or asphalt; Portable crushers; Power jumbo operator (setting slip forms, etc. in tunnels); Roller; Screedman (Barber-Greene & similar) (asphaltic concrete paving); Self-propelled compactor (single engine); Self-propelled pipeline wrapping machine (perault, CRC, or similar types); Slip forms pumps (lifting device for concrete forms); Small rubber tired tractors; Surface heater	AREA 1	$7.90	.65	1.00	.60	.24	
	AREA 2	9.03	.65	1.00	.60	.24	

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POWER EQUIPMENT OPERATORS (cont'd)		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Other
GROUP VII CONCRETE CONVEYOR OR CONCRETE PUMP, Truck or equipment mounted (boom length to apply); Concrete conveyor, building site; Deck engineers; Dual drum mixer; Fuller Kenyon pump and similar types; Instrument man; Material hoist (2 or more drums); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar; Mine or shaft hoist; Mixer-mobile; Pavement breaker with or without compressor combination; Pavement breaker, Truck mounted with compressor combination; Pipe bending machine (pipe lines only); Pipe cleaning machine (tractor propelled & supported); Pipe wrapping machine (tractor propelled and supported); Refrigeration plant; Self-propelled boom type lifting device; Self-propelled elevating grade plane; Slusher operator; Small tractor (with boom); Soil tester; Truck type loader	AREA 1	$8.04	.65	1.00	.60	.24	
	AREA 2	9.17	.65	1.00	.60	.24	
GROUP VIII ARMOR-COATER (or similar); Asphalt plant engineer; Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete batch plant (multiple units); Dozer; Heavy duty repairman and/or welders; Ken seal machine (or similar); Kolman loader; Loader (up to 2 yds.); Mechanical shield operator (or similar); Mechanical trench shield; Portable crushing & screening plants; Push cat; Rubber tired earth moving equipment (up to & incl. 45 cu. yds. "struck" m.r.c., euclids, T-pulls, DW-10,20,21 and similar); Tractor drawn scraper; Self-propelled compactor with dozer; Sheepfoot; Tractor; Trenching machine; Tri-batch paver; Tunnel mole boring machine operator; Welder; Woods-mixer (and other similar pugmill equipment)	AREA 1	8.36	.65	1.00	.60	.24	
	AREA 2	9.49	.65	1.00	.60	.24	

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POWER EQUIPMENT OPERATORS (cont'd)		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Other
GROUP IX CANAL FINGER DRAIN DIGGER; Chicago boom; Combination mixer & compressor (gunite); Combination Slurry mixer and/or cleaner; Highline cableway (5 tons & under); Lull hi-lift or similar (20 ft. or over); Mucking machine; Tractor (with boom) (D-6 or larger and similar)	AREA 1	$8.54	.65	1.00	.60	.24	
	AREA 2	9.67	.65	1.00	.60	.24	
GROUP X BOOM-TYPE BACKFILLING MACHINE; Bridge crane; Cary-lift (or similar); Chemical grouting machine; Chief of party; Combination backhoe & loader (up to and incl. 1/2 cu. yd. m.r.c.); Derricks (2 operators required when swing engine remote from hoist); Derrick barges (except excavation work); Do-more loader & Adams elegrader; Elevating grader op.; Rubber tired scraper, self-loading (paddle wheels, etc.); Heavy duty rotary drills rigs (incl. caisson foundation work & Robbins type drills); Koehring Skooper (or similar); Lift slab machine (Vagtborg & similar types); Loader (2 yds. up to & incl. 4 yds.); Locomotive (over 100 tons) (single or multiple units); Multiple engine earth-moving machine (euclids, dozers, etc.) (no tandem scraper); Prestress wire wrapping machine; Shuttle car (reclaim station); Soil stabilizer (P & H or equal); Subgrader (gurries or other automatic type); Track laying type-Earth moving machine (single engine with tandem scrapers); Tractor, compressor drill combination; Train loading station; Vacuum cooling plant; Single engine scraper over 45 yds.; Whirley crane (up to & incl. 25 tons)	AREA 1	8.70	.65	1.00	.60	.24	
	AREA 2	9.83	.65	1.00	.60	.24	

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POWER EQUIPMENT OPERATORS (cont'd)		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Oths.
GROUP X - A							
BACKHOE (hydraulic) (up to and incl. 1 cu. yd. m.r.c.); Backhoe (cable) (up to and incl. 1 cu. yd. m.r.c.); Combination backhoe and loader over 1/2 cu. yd. m.r.c.); Continuous flight tie back Auger (up to and incl. 1 cu. yd.) (crane attached); Cranes (not over 25 tons, hammerhead & gantry); Grade all (up to and incl. 1 cu. yd.); Power shovels, Clamshells, Draglines, (up to and incl. 1 cu. yd. m.r.c.); Power blade; Self-propelled boom-type lifting device (center mount) (over 10 tons); Self-propelled boom-type lifting device (center mounted) (over 15 tons)	AREA 1	$8.79	.65	1.00	.60	.24	
	AREA 2	9.92	.65	1.00	.60	.24	
GROUP XI							
AUTOMATIC CONCRETE SLIP FORM PAVER; Automatic railroad car dumper; Canal finger drain backfiller; Canal trimmer; Canal trimmer w/ditching attachments; Cranes (over 25 tons up to and incl. 125 tons); Continuous flight tie back Auger over 1 cu. yd. (incl. crane); Drott travelift 650-A-1 or similar (45 tons or over); Rubber tired earth moving machines (multiple propulsion power units & two or more scrapers) (up to & incl. 75 cu. yds. "struck" m.r.c.); Highline cableway (over 5 tons); Loader (over 4 yds. up to & incl. 12 cu. yds.); Power blades operator (multi-engine); Power shovels, Clamshells, Draglines, Backhoes, Gradalls, (over 1 yd. up to & incl. 7 cu. yds. m.r.c.); Self-propelled compactor (with multiple propulsion power units); Slip form paver (concrete to asphalt); Tandem cats; Tower cranes mobile; Trencher (pulling attached shield); Tower cranes mobile; Single engine rubber tired earth moving machine (with tandem scrapers); Universal Liebher and Tower cranes (and similar types); Wheel excavator (up to & incl. 750 cu yds. per hour); Whirley cranes (over 25 tons)	AREA 1	8.94	.65	1.00	.60	.24	
	AREA 2	10.07	.65	1.00	.60	.24	

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POWER EQUIPMENT OPERATORS (cont'd)		Basic Hourly Rates	Fringe Benefits Payments				
			H & W	Pensions	Vacation	App. Tr.	Oths.
GROUP XI - A							
LOADER (over 12 cu. yds. up to & incl. 18 cu. yds.); Rubber tired multi-purpose earth moving machine (2 units) (over 75 cu. yds. "struck" m.r.c.); Power shovels & draglines (over 7 cu. yds. m.r.c.); Band wagons (in conjunction with wheel excavator) Wheel excavator (over 750 yds. per hour); Cranes (over 125 tons)	AREA 1	$9.82	.65	1.00	.60	.24	
	AREA 2	10.95	.65	1.00	.60	.24	
GROUP XI - B							
LOADER (over 18 cu. yds.)	AREA 1	10.04	.65	1.00	.60	.24	
	AREA 2	11.17	.65	1.00	.60	.24	
GROUP XI - C							
OPERATOR OF HELICOPTER (when used in erection work); Remote controlled earth moving equipment	AREA 1	10.27	.65	1.00	.60	.24	
	AREA 2	11.40	.65	1.00	.60	.24	

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PILEDRIVING	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
GROUP I ASSISTANT TO ENGINEER (Fireman, Oiler, Deckhand)	$6.77	.65	1.00	.60	.24	
GROUP Ia COMPRESSOR OPERATOR	7.04	.65	1.00	.60	.24	
GROUP Ib TRUCK CRANE OILER	7.16	.65	1.00	.60	.24	
GROUP IIa TUGGER HOIST (Hoisting material only)	7.68	.65	1.00	.60	.24	
GROUP IIb COMPRESSOR OPERATOR (2-7); Generator (100 k.w. or over); Pump (2-7); Welding machine (2-7) powered other than by electricity)	7.85	.65	1.00	.60	.24	
GROUP III DECK ENGINEER; Fork lift; A-frame; Self-propelled boom-type lifting device	8.10	.65	1.00	.60	.24	
GROUP IIIa HEAVY DUTY REPAIRMAN AND/OR WELDER	8.41	.65	1.00	.60	.24	
GROUP IV OPERATING ENGINEER IN LIEU OF ASSISTANT TO ENGINEER TENDING BOILER OR COMPRESSOR ATTACHED TO CRANE PILEDRIVER; Operator of piledriving rigs, skid or floating and derrick barges; Operator of diesel or gasoline powered crane piledriver (w/o boiler) up to & incl. 1 cu. yd.; Truck crane (up to & incl. 25 tons hoisting material only)	8.87	.65	1.00	.60	.24	
GROUP V OPERATOR OF DIESEL OR GASOLINE POWERED CRANE PILEDRIVER WITHOUT BOILER, OVER 1 cu. yd.; Operator of crane (w/steam, flash boiler, pump or compressor attached); Operator of steam powered crawler, or Universal type driver (Raymond or similar type); Truck crane (over 25 tons hoisting material or performing piledriving work)	8.99	.65	1.00	.60	.24	

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HYDRAULIC SUCTION DREDGES	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	O
BARGEMEN; Deckhand; Fireman; Leverhand; Oiler	$6.71	.65	1.00	.60	.19	
WINCHMAN (stern winch on dredge)	7.30	.65	1.00	.60	.19	
DECKMATE	7.40	.65	1.00	.60	.19	
WATCH ENGINEER; Welder	7.95	.65	1.00	.60	.19	
LEVERMAN	8.64	.65	1.00	.60	.19	
CLAMSHELL & DIPPER DREDGES						
DECKHAND; Fireman; Oiler	6.71	.65	1.00	.60	.19	
DECK ENGINEER	8.04	.65	1.00	.60	.19	
WELDER; Mechanic welder	8.36	.65	1.00	.60	.19	
CLAMSHELL OP. (up to & incl. 7 cu. yds. m.v.c.)(long boom pay)	8.94	.65	1.00	.60	.19	
CLAMSHELL OP. (over 7 cu. yds. m.v.c) (long boom pay)	9.82	.65	1.00	.60	.19	

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TRUCK DRIVERS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
BULK CEMENT SPREADER (w/wo auger, under 4 yds. water level); Bus or manhaul driver; Concrete pump machine; Concrete pump truck(when flat rack truck is used appropriate flat rack rate shall apply); Dump (under 4 yds. water level); Dump-crete truck (under 4 yds. water level); Dumpster (under 4 yds. water level); Escort or pilot car driver; Nipper truck (when flat rack truck is used appropriate flat rack rate shall apply); Pickups; Skids (debris box, under 4 yds. water level); Team drivers; Trucks (dry pre-batch concrete mix, under 4 yds. water level); Vacuum truck helpers; Warehousemen	$6.075	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, 4 yds. and under 6 yds. water level); Dump (4 yds. & under 6 yds. water level); Dump-crete (4 yds. & under 6 yds. water level); Dumpster (4 yds. & under 6 yds. water level); Skids (debris box, 4 yds. & under 6 yds. water level); Single unit flat rack (2 axle unit-industrial lift, mechanical tailgate); Trucks (dry pre-batch concrete mix, 4 yds. & under 6 yds. water level)	6.17	.765	.50	.75		
JETTING TRUCK & WATER TRUCK (under 2,500 gals)	6.185	.765	.50	.75		
LIFT JITNEYS, Fork lift	6.205	.765	.50	.75		
TRANSIT MIX, AGITATOR (under 6 yds.)	6.225	.765	.50	.75		
TRUCK REPAIRMAN HELPER	6.245	.765	.50	.75		
VACUUM TRUCK (under 3,500 gals)	6.255	.765	.50	.75		
SCISSOR TRUCK; Single unit flat rack (3 axle unit-industrial lift truck, mechanical tailgate); Small rubber tired tractor (when used within teamsters' jurisdiction)	6.27	.765	.50	.75		
JETTING TRUCK & WATER TRUCK (2,500 gals under 4,000 gals)	6.285	.765	.50	.75		
COMBINATION WINCH TRUCK WITH HOIST; Transit mix, agitator (6 yds.& under 8 yds.)	6.325	.765	.50	.75		

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TRUCK DRIVERS CONT'D	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
VACUUM TRUCK (3,500 gals & under 5,500 gals)	6.335	.765	.50	.75		
RUBBER-TIRED MUCK CAR (not self-loaded)	6.345	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, 6 yds. & under 8 yds. water level); Dump (6 yds. & under 8 yds. water level); Dump-crete (6 yds. & under 8 yds. water level); Dumpster (6 yds. & under 8 yds. water level); Skids (debris box, 6 yds. & under 8 yds. water level); Trucks (dry pre-batch concrete mix, 6 yds. & under 8 yds. water level)	6.37	.765	.50	.75		
A-FRAME, WINCH TRUCKS; Buggymobile; Hydro-lift, Swedish crane type (jetting) Jetting & water truck (4,000 gals & under 5,000 gals); Rubber tired jumbo	6.385	.765	.50	.75		
HEAVY DUTY TRANSPORT (high bed)	6.39	.765	.50	.75		
ROSS HYSTER & SIMILAR STRADDLE CARRIER	6.415	.765	.50	.75		
TRANSIT MIX AGITATOR (8 yds. through 10 yds.)	6.425	.765	.50	.75		
VACUUM TRUCK (5,000 gals & under 7,500 gals)	6.435	.765	.50	.75		
JETTING TRUCK & WATER TRUCK (5,000 gals & under 7,000 gals)	6.485	.765	.50	.75		
TRANSIT MIX AGITATOR (over 10 yds. through 12 yds.)	6.525	.765	.50	.75		
HEAVY DUTY TRANSPORT (gooseneck lowbed)	6.62	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, 8 yds. & incl. 12 yds. water level); Dump (8 yds. & incl. 12 yds. water level);Dump-crete (8 yds. & incl. 12 yds. water level); Self-propelled street sweeper with self-contained refuse bin; Skids (debris box, 8 yds. & incl. 12 yds. water level); Snow go and/or snow plow; Truck (dry pre-batch concrete mix, 8 yds & incl. 12 yds. water level); Dumpster (8 yds. & incl. 12 yds. water level)	6.61	.765	.50	.75		

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TRUCK DRIVERS CONT'D	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
TRANSIT MIX AGITATOR (over 12 yds. through 14 yds.)	6.625	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 12 yds. & incl. 18 yds. water level); Dump (over 12 yds. & incl. 18 yds.water level); Dumpcrete (over 12 yds. & incl. 18 yds. water level); Dumpster (over 12 yds. & incl. 18 yds. water level); Skids (debris box, over 12 yds. & incl. 18 yds. water level); Trucks (dry pre-batch concrete mix, over 12 yds. & incl. 18 yds. water level)	6.65	.765	.50	.75		
P. B. OR SIMILAR TYPE SELF-LOADING TRUCK	6.71	.765	.50	.75		
TRUCK REPAIRMAN	6.745	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 18 yds. & incl. 24 yds. water level); Combination dump & dump trailer; Dump (over 18 yds. & incl. 24 yds. water level); Dumpcrete (over 18 yds. & incl. 24 yds. water level); Dumpster (over 18 yds. & incl. 24 yds. water level); Skid (debris box, over 18 yds. & incl. 24 yds. water level); Transit mix agitator (over 14 yds. through 16 yds.); Trucks (dry pre-batch concrete mix, over 17 yds. & incl. 24 yds. water level)	6.735	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 24 yds. & incl. 35 yds. water level); Dump (over 24 yds. & incl. 35. yds. water level); Dumpcrete (over 24 yds. & incl. 35 yds. water level); Dumpster (over 24 yds. & incl. 35 yds. water level); DW 10's, 20's, 21's & other similar cat type, Terra Cobra, LeTourneaupuls, Tournorocker, Euclid & similar type equipment when pulling Aqua/Pak or water tank trailers & fuel and/or grease tank trailers or other misc. trailers; Skids (debris box, over 24 yds. & incl. 35 yds. water level); Truck (dry pre-batch concrete mix, over 24 yds. & incl. 35 yds. water level)	6.81	.765	.50	.75		

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TRUCK DRIVERS CONT'D	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
BULK CEMENT SPREADER (w/wo auger, over 35 yds. & incl. 50 yds. water level); Dump (over 35 yds. & incl. 50 yds. water level); Dumpcrete (over 35 yds. & incl. 50 yds. water level); Dumpster (over 35 yds. & incl. 50 yds. water level); Skids (debris box, over 35 yds. & incl. 50 yds. water level); Trucks (dry pre-batch concrete mix, over 35 yds & incl. 50 yds. water level)	6.96	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 50 yds. & under 65 yds. water level); Dump (over 50 yds. & under 65 yds. water level); Dumpcrete (over 50 yds. & under 65 yds. water level); Dumpster (over 50 yds. & under 65 yds. water level); Helicopter pilot (when transporting men or materials); Skids (debris box, over 50 yds. & under 65 yds. water level); Trucks (dry pre-batch concrete mix, over 50 yds. & under 65 yds. water level)	7.11	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 65 yds. & incl. 80 yds. water level); Dump (65 yds. & incl. 80 yds. water level); Dumpcrete (65 yds. & incl. 80 yds. water level); Dumpster (65 yds. & incl. 80 yds. water level); Skids (debris box, 65 yds. & incl. 80 yds. water level); Trucks (dry pre-batch concrete mix, 65 yds. & incl. 80 yds. water level)	7.26	.765	.50	.75		
BULK CEMENT SPREADER (w/wo auger, over 80 yds. & incl. 95 yds. water level); Dump (over 80 yds. & incl. 95 yds. water level); Dumpcrete (over 80 yds. & incl. 95 yds. water level); Dumpster (over 80 yds. & incl. 95 yds. water level); Skids (debris box, over 80 yds. & incl. 95 yds. water level); Trucks (dry pre-batch concrete mix, over 80 yds. & incl. 95 yds. water level)	7.41	.765	.50	.75		

CALIFORNIA
AREA DEFINITIONS for
POWER EQUIPMENT OPERATORS

**AREA 2: All areas not included within Area 1 as defined below.

*AREA 1: All areas included in the description defined below which is based upon township and range lines of Areas 1 and 2.

Commencing in the Pacific Ocean on the extension of the Southerly line of Township 19S.
Thence Easterly along the Southerly line of Township 19S, crossing the Mt. Diablo meridian to the S.W. corner of township 19S, range 6E, Mt. Daiblo base line and meridian,
Thence Southerly to the S.W. corner of township 20S, range 6E,
Thence Easterly to the S.W. corner of township 20S, range 13E,
Thence Southerly to the S.W. corner of township 21S, range 13E,
Thence Easterly to the S.W. corner of township 21S, range 17E,
Thence Southerly to the S.W. corner of township 22S, range 17E,
Thence Easterly to the S.E. corner of township 22S, range 17E,
Thence Southerly to the S.W. corner of township 23S, range 18E,
Thence Easterly to the S.E. corner of township 23S, range 18E,
Thence Southerly to the S.W. corner of township 24S, range 19E, falling on the Southerly line of Kings County, thence Easterly along the Southerly boundary of Kings County and the Southerly boundary of Tulare County, to the S.E. corner of township 24S, range 29E,
Thence Northerly to the N.E. corner of township 21S, range 29E,
Thence Westerly to the N.W. corner of township 21S, range 29E,
Thence Northerly to the N.E. corner of township 13S, range 28E,
Thence Westerly to the N.W. corner of township 13S, range 28E,
Thence Northerly to the N.E. corner of township 11S, range 27E,
Thence Westerly to the N.W. corner of township 11S, range 27E,
Thence Northerly to the N.E. corner of township 10S, range 26E,
Thence Westerly to the N.W. corner of township 10S, range 26E,
Thence Northerly to the N.E. corner of township 9S, range 25E,
Thence Westerly to the N.W. corner of township 9S, range 25E,
Thence Northerly to the N.E. corner of township 8S, range 24E,
Thence Westerly to the N.W. corner of township 8S, range 24E,
Thence Northerly to the N.E. corner of township 6S, range 23E,
Thence Westerly to the S.E. corner of township 5S, range 19E,
Thence Northerly to the N.E. corner of township 5S, range 19E,
Thence Westerly to the N.W. corner of township 5S, range 19E,
Thence Northerly to the N.E. corner of township 3S, range 18E,
Thence Westerly to the N.W. corner of township 3S, range 18E,
Thence Northerly to the N.E. corner of township 2S, range 17E,
Thence Westerly to the N.W. corner of township 2S, range 17E,
Thence Northerly crosing the Mt. Diablo baseline to the N.E. corner of township 2N, range 16E,
Thence Westerly to the N.W. corner of township 2N, range 16E,
Thence Northerly to the N.E. corner of township 3N, range 15E,
Thence Westerly to the N.W. corner of township 3N, range 15E,
Thence Northerly to the N.E. corner of township 4N, range 14E,

CALIFORNIA
AREA DEFINITIONS for
POWER EQUIPMENT OPERATORS (cont'd)

*Area 1 (cont'd):
Thence Westerly to the N.W. corner of township 4N, range 14E,
Thence Northerly to the N.E. corner of township 5N, range 13E,
Thence Westerly to the N.W. corner of township 5N, range 13E,
Thence Northerly to the N.E. corner of township 10N, range 12E,
Thence Easterly to the S.E. corner of township 11N, range 14E,
Thence Northerly to the N.E. corner of township 11N, range 14E,
Thence Westerly to the N.E. corner of township 11N, range 10E,
Thence Northerly to the N.E. corner of township 15N, range 10E,
Thence Easterly to the S.E. cotner of township 16N, range 11E,
Thence Northerly to the N.E. corner of township 16N, range 11E,
Thence Easterly to the S.E. corner of township 17N, range 14E,
Thence Southerly to the S.W. corner of township 14N, range 15E,
Thence Easterly to the S.E. corner of township 14N, range 15E,
Thence Southerly to the S.W. corner of township 13N, range 16E,
Thence Easterly to the S.E. corner of township 13N, range 16E,
Thence Southerly to the S.W. corner of township 12N, range 17E,
Thence Easterly along the Southern line of township 12N to the Eastern boundary of the state of California,
Thence Northwesterly, thence Northerly along the Eastern boundary of the state of California to the N.E. corner of township 17N, range 18E,
Thence Westerly to the N.W. corner of township 17N, range 11E,
Thence Northerly to the N.E. corner of township 20N, range 10E,
Thence Westerly to the N.W. corner of township 20N, range 10E,
Thence Northerly to the N.E. corner of township 21N, range 9E,
Thence Westerly to the N.W. corner of township 21N, range 9E,
Thence Northerly to the N.E. corner of township 22N, range 8E,
Thence Westerly to the N.W. corner of township 22N, range 8E,
Thence Northerly to the S.W. corner of township 27N, range 8E,
Thence Easterly to the S.E. corner of township 27N, range 8E,
Thence Northerly to the N.E. corner of township 28N, range 8E,
Thence Westerly to the N.W. corner of township 28N, range 7E,
Thence Northerly to the N.E. corner ot township 30N, range 6E,
Thence Westerly to the N.W. corner of township 30N, range 1E,
Thence Northerly along the Mt. Diablo meridian to the N.E. corner of township 34N, range 1W,
Thence Westerly to the N.W. corner of township 34N, range 6W,
Thence Southerly to the N.E. corner of township 32N. range 7W,
Thence Westerly to the N.W. corner of township 32N, range 7W,
Thence Southerly to the S.W.corner of township 30N, range 7W,
Thence Easterly to the S.E. corner of township 30N, range 7W,
Thence Southerly to the S.W. corner of township 16N, range 6W,
Thence Easterly to the S.E. corner of township 16N, range 6W,
Thence Southerly to the S.W. corner of township 14N, range 5W,
Thence Westerly to the S.E. corner of township 14N, range 7W,
Thence Northerly to the N.E. corner of township 14N, range 7W,
Thence Westerly to the N.W. corner of township 14N, range 7W,
Thence Northerly to the N.E. corner of township 15N, range 8W,

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CALIFORNIA
AREA DEFINITIONS for
POWER EQUIPMENT OPERATORS (cont'd)

*Area 1 (cont'd)
Thence Westerly to the S.E. corner of township 16N, range 12W,
Thence Northerly to the N.E. corner of township 16N, range 12W,
Thence Westerly to the N.W. corner of township 16N, range 12W,
Thence Northerly to the N.E. corner of township 18N, range 13W,
Thence Westerly to the N.W. corner of township 18N, range 14W,
Thence Southerly to the S.W. corner of township 18N, range 14W,
Thence Easterly to the S.E. corner of township 18N, range 14W,
Thence Southerly to the S.W. corner of township 16N, range 13W,
Thence Westerly to the N.W. corner of township 15N, range 14W,
Thence Southerly to the S.W. corner of township 14N, range 14W,
Thence Easterly to the S.E. corner of township 14N, range 14W,
Thence Southerly to the S.W. corner of township 13N, range 13W,
Thence Easterly to the S.E. corner of township 13N, range 13W,
Thence Southerly to the S.W. corner of township 11N, range 12W,
Thence Easterly to the S.E. corner of township 11N, range 12W,
Thence Southerly along the Eastern line of range 12W to the Pacific Ocean excluding that portion of Northern California within Santa Clara County included within the following line:
Commencing at the N.W. corner of township 6S, range 3E, Mt. Diablo baseline and Meridian:
Thence in a Southerly direction to the S.W. corner of township 7S, range 3E,
Thence in a Easterly direction to the S.E. corner of township 7S, range 4E,
Thence in a Northerly direction to the N.E. corner of township 6S, range 4E,
Thence in a Westerly direction to the N.W. corner of township 6S, range 3E, to the point of beginning which portion is a part of Area 2.
Area 1 also includes that portion of Northern California within the following lines:
Commencing in the Pacific Ocean on an extension of the Southerly line of township 2N, Humboldt baseline and meridian:
Thence Easterly along the Southerly line of township 2N to the S.W. corner of township 2N, range 1W,
Thence Southerly to the S.W. corner of township 1N, range 1W,
Thence Easterly along the Humboldt baseline to the S.W. corner of township 1N, range 2E,
Thence Southerly to the S.W. corner of township 2S, range 2E,
Thence Easterly to the S.E corner of township 2S, range 2E,
Thence Southerly to the S.W. corner of township 4S, range 3E,
Thence Easterly to the S.E. corner of township 4S, range 3E,
Thence Northerly to the N.E. corner of township 2S, range 3E,
Thence Westerly to the N.W. corner of township 2S, range 3E,
Thence Northerly crossing the Humboldt baseline to the S.W. corner of township 1N, range 3E,
Thence Easterly along the Humboldt baseline to the S.E. corner of township 1N, range 3E,
Thence Northerly to the N.E. corner of township 9N, range 3E,
Thence Westerly to the N.W. corner of township 9N, range 2E,
Thence Northerly to the N.E. corner of township 10N, 1E,

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CALIFORNIA
AREA DEFINITIONS for
POWER EQUIPMENT OPERATORS (cont'd)

*Area 1 (cont'd)
Thence Westerly along the Northerly line to township 10N, into the Pacific Ocena.
Area 1 also includes that portion of Northern California included within the following line:
Commencing at the Northerly boundary of the state of California at the N.W. corner of township 48N, range 7W, Mt. Diablo baseline and meridian:
Thence Southerly to the S.W. corner of township 44N, range 7W,
Thence Easterly to the S.E. corner of township 44N, range 7W,
Thence Southerly to the S.W. corner of township 43N, range 6W,
Thence Easterly to the S. E. corner of township 43N, range 5W,
Thence Northerly to the N.E. corner of township 48N, range 5W, on the Northerly boundary of the state of California,
Thence Westerly along the Northerly boundary of the state of California to the point of beginning.

SUPERSEDEAS DECISION

STATE: Montana

COUNTIES: Beaverhead, Dear Lodge, Gallatin and Silver Bow

DECISION NUMBER: AP-285

DATE: Date of Publication

Supersedes Decisions AP-240 dated September 22, 1972, in 37 FR 19912 and AP-238 dated September 22, 1972, in 37 FR 19904

DESCRIPTION OF WORK: Building Construction, (excluding single family homes and garden type apartments up to and including 4 stories).

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
ASBESTOS WORKERS	$8.15	.25	.37			
BOILERMAKERS	8.25	.30	1.00		.02	
BRICKLAYERS:						
Dear Lodge County	6.35					
Beaverhead County	7.00					
Gallatin County	6.65					
Silver Bow County	7.00					
CARPENTERS:						
Beaverhead County	5.53	.25	.35	.45		
Dear Lodge County	6.01	.30	.35		.01	
Gallatin County	6.02	.30	.35		.01	
Silver Bow County	5.87	.30	.35	.50		
CEMENT MASONS:						
Beaverhead, Dear Lodge and Silver Bow Counties	4.90	.30		.60		
Gallatin County	5.95	.25				
ELECTRICIANS:						
Beaverhead and Silver Bow Counties	6.65	.30	1%		½%	
Dear Lodge County	6.95		1%		½%	
Gallatin County	6.15	.20	1%		½%	
ELEVATOR CONSTRUCTORS	5.915	.195	.20	2%+a		
ELEVATOR CONSTRUCTORS' HELPERS	70%JR	.195	.20	2%+a		
ELEVATOR CONSTRUCTORS' HELPERS (PROB.)	50%JR					
IRONWORKERS:						
Ornamental; Reinforcing; Structural	7.10	.40	.65		.05	
LATHERS:						
Dear Lodge, Gallatin and Silver Bow Counties	5.95				.01	
MARBLE MASON:						
Gallatin County	6.65					
PAINTERS:						
Beaverhead and Silver Bow Counties						
Brush	5.56					
Roller, over 8 ft.	6.06					
Spray	8.34					
PLASTERERS:						
Beaverhead, Dear Lodge and Silver Bow Counties	4.90	.30		.60		
Gallatin County	5.00	.25				
PLUMBERS:	6.30	.25	.15		.05	
ROOFERS	5.33	.35	.30	.50		
SHEET METAL WORKERS:						
Gallatin County	6.56	.27	.10		.02	
Beaverhead, Dear Lodge and Silver Bow Counties	6.55	.27	.20			
SPRINKLER FITTERS	7.20	.30	.50		.05	

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
TERRAZZO WORKERS & Tile Setters						
Gallatin County	$6.65					

FOOTNOTE:

a. Employer contributes 4% basic hourly rate for over 5 years service and 2% basic hourly rate for 6 months to 5 years service as Vacation Pay Credit. Six Paid Holidays: A through F.

PAID HOLIDAYS:

A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

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REMAINING COUNTIES

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
LABORERS						
Common laborer; Laborers with roofers; Moving, cleaning, oiling and carring to the next point of erection, and the stripping of forms which are not to be re-used, and of forms on all flat arch work; Laborer dumpman; Fence erector and installer - includes the installation and erection of highway fences, guard rails, median curbs, reference posts, guide posts and right-of-way markers; Breaking and drilling concrete, by hand, except for blasting; Breaking and drilling of asphalt pavement by hand; Mixing and paving cold asphalt pavement; Axeman; Chuck tender and nipper, above ground; Nozzleman, air and water; Scissorman; Stake jumper	4.225	.15	.20	.405	.02	
Riprapping of stone, rock or brick	4.30	.15	.20	.405	.02	
Hand faller	4.305	.15	.20	.405	.02	
Post hole digger, power auger	4.32	.15	.20	.405	.02	
Tunnel and shafts - Free air, bull-gang, pot tender	4.325	.15	.20	.405	.02	
Mechanical tamper; Pavement breaker or other power tools used by laborers not otherwise classified	4.35	.15	.20	.405	.02	
Installing metallic or non-metallic highway culvert pipe incl. sectional plate pipe 48" and under	4.375	.15	.20	.405	.02	
Choker setter; Pipewrapper; Power saw (bucking and falling); Brakeman; Chucktenders; Muckers; Nippers; Primerlouseman	4.385	.15	.20	.405	.02	
Wagon driller, running jackhammer or hand drilling for blasting and sand-blasting; Car or turck mounted air operated drills	4.40	.15	.20	.405	.02	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
LABORERS(Cont'd)						
Laying of all sewer tile or drain pipe; Mixing and paving hot asphalt pavement	4.475	.15	.20	.405	.02	
Powderman	4.50	.15	.20	.405	.02	
Highscaler; Concrete nozzleman; Miners	4.585	.15	.20	.405	.02	
Core drill operator	4.825	.15	.20	.405	.02	

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Gallatin County						
Laborers:						
General Laborers	4.83	.35	.25		.03	
Hod carriers; Jackhammer operator; Vibrator; Mixer; Concrete pump tender; Nozzleman; Concrete curb machine; Curb form setter	5.08	.35	.25		.03	

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MONT-1-PRO-1-2-3-c (1-4)

Gallatin County

POWER EQUIPMENT OPERATORS:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
CRUSHER CONVEYOR; Farm type tractor, up to & incl. 50 HP engine; Grade setter	$6.33	.45	.45		.02	
CRUSHER OILER & HELPER; Field equipment serviceman helper; Hot plant oiler, 100 ton per hr. or over; Mechanic and/or welder helper on job; Oiler other than shovels & cranes; Shovel oiler, 3 cy and under; Washing and screening plant oiler	6.36	.45	.45		.02	
CONCRETE BATCH PLANT OILER, UP TO & INCL. 2 MIXERS	6.39	.45	.45		.02	
AIR COMPRESSOR, SINGLE; Pumpman	6.40	.45	.45		.02	
FARM TYPE TRACTOR, OVER 50 HP ENGINE; Herman Nelson heater & similar types	6.41	.45	.45		.02	
CRANE OILER; Oiler-driver, rubber-tired cranes	6.44	.45	.45		.02	
CONVEYOR LOADER, UP TO & INCL. 42" BELT	6.45	.45	.45		.02	
BORING MACHINE, JEEP, PICKUP OR FARM TRACTOR MOUNTED; Concrete mixer, 3 bags & under; Fireman; Heavy duty drills, helper; Retort op.	6.46	.45	.45		.02	
BROOM, SELF-PROPELLED	6.54	.45	.45		.02	
AIR COMPRESSOR, 2 OR MORE; Belt finishing machine; Conveyor loader, over 42" belt; Roller, on other than hot mix oil, paving	6.57	.45	.45		.02	
RUBBER-TIRED FRONTEND LOADER, 1 CY & UNDER	6.58	.45	.45		.02	

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MONT-1-PRO-1-2-3-c (2-4)

POWER EQUIPMENT OPERATORS' CONT'D:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
CHAIN BUCKET LOADER; Chip gravel spreader, self-propelled; DW 10, 15, 20 tractor pulling roller	6.59	.45	.45		.02	
CONCRETE MIXER, 4 BAGS & OVER	6.63	.45	.45		.02	
FORM GRADER; Hoist, single drum	6.64	.45	.45		.02	
CEMENT SILO	6.66	.45	.45		.02	
FORKLIFT, ON CONSTRUCTION SITE	6.68	.45	.45		.02	
CONCRETE BATCH PLANT OILER, 3 MIXERS AND OVER	6.70	.45	.45		.02	
A-FRAME TRUCK, CRANE, WINCH TRUCK AND SIMILAR	6.71	.45	.45		.02	
HYDRALIFT AND SIMILAR TYPES; Oiler, hoist house, dams; Whirley crane oiler	6.77	.45	.45		.02	
FIELD EQUIPMENT SERVICEMAN	6.79	.45	.45		.02	
AIR DOCTOR; Asphalt paving machine; Asphalt paving machine, screed; Bit grinder; Bitum, mixer paving, travel plant; Boring machine, large; Concrete batch plant, 1 and 2 mixers; Concrete finishing machine, paving; Concrete bucket dispatcher; Concrete curing machine; Concrete float and spreader; Concrete power saw, self-propelled; Concrete travel batcher; Crusher op.; Distributor; Elevating grader; Gradeall; Heavy duty drills, all types; Hoist, 2 or more drums; Hot plant op.; Hot plant fireman; Industrial locomotive, all types; Mountain logger or similar type; Mucking machine; Pavement breaker, Emsco and similar; Power auger large truck or tractor, mounted and punch; Power mixer, single or double drum; Power saw, self-propelled, multiple cut; Pumpcrete or grout machine; Push tractor; Refrigerator plant; Roller, on blade or hot mix oil paving; Roller, 25 ton or over; Ross and similar type carriers on construction site; Rubber-tired dozer;						

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MONT-1-PWU-1-2-3-c (3-4)

POWER EQUIPMENT OPERATORS CONT'D:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Rubber-tired frontend loader, over 1 cy to & incl. 3 cy; Scraper DW 15, 20, 21 & similar type if power unit is not used; Self-propelled sheeps foot & similar type; Shovels, incl. all attachments, under 1 cy; Track-type frontend loader, up to & incl. 5 cy; Track-type tractor with or without attachments; Trenching machine; Turnhead conveyor or head tower on batch plant; Wagner roller & similar type; Water pull when used for compaction; Washing and screening plant	6.87	.45	.45		.02	
MIXERMOBILE	6.95	.45	.45		.02	
MECHANIC AND/OR WELDER ON JOB	6.97	.45	.45		.02	
RUBBER-TIRED FRONTEND LOADER, OVER 3 CY TO & INCL. 5 CY	6.99	.45	.45		.02	
AUTOMATIC FINEGRADER, GUNITE AND OTHER SIMILAR TYPES; Motor patrol; Paving mixing machine; Scraper, single engine; Slip form paver	7.00	.45	.45		.02	
CRANE, UP TO & INCL. 80' BOOM WITH JIB	7.03	.45	.45		.02	
ELECTRIC OVERHEAD CRANES; Shovels, incl. all attachments, 1 cy to & incl. 3 cy; Track-type tractor, on euclid loader	7.05	.45	.45		.02	
CONCRETE BATCH PLANT, 3 AND 4 MIXERS	7.07	.45	.45		.02	
RUBBER-TIRED FRONTEND LOADER, OVER 5 cy TO & INCL. 10 cy	7.09	.45	.45		.02	
SCRAPER, TWIN ENGINE; Track-type frontend loader, over 5 cy to & incl. 10 cy	7.10	.45	.45		.02	
CENTRAL MIXING PLANTS, CONCRETE DAMS & STATIONARY	7.12	.45	.45		.02	
QUAD CAT	7.17	.45	.45		.02	
CRANE, 81' TO 130' BOOM	7.18	.45	.45		.02	

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MONT-1-PWU-1-2-3-c (4-4)

POWER EQUIPMENT OPERATORS CONT'D:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
RUBBER-TIRED FRONTEND LOADER, OVER 10 CY TO & INCL. 15 CY	7.19	.45	.45		.02	
TRACK-TYPE FRONTEND LOADER, OVER 10 CY TO & INCL. 15 CY	7.20	.45	.45		.02	
CRANE, 131' TO 150' BOOM	7.23	.45	.45		.02	
SCRAPER, SINGLE OR TWIN ENGINE, PULLING BELLY DUMP TRAILER	7.25	.45	.45		.02	
CONCRETE BATCH PLANT, 5 MIXERS AND OVER	7.27	.45	.45		.02	
CRANE, 151' BOOM & OVER	7.28	.45	.45		.02	
RUBBER-TIRED FRONTEND LOADER, OVER 15 CY (Factory rating not to include sideboards)	7.29	.45	.45		.02	
TRACK-TYPE FRONTEND LOADER, OVER 15 CY	7.30	.45	.45		.02	
SHOVEL, INCL. ALL ATTACHMENTS, OVER 3 CY TO & INCL. 5 CY; Stiff leg derrick and guy derrick	7.32	.45	.45		.02	
SCRAPER, TANDEM ENGINE	7.36	.45	.45		.02	
HELICOPTER HOIST	7.37	.45	.45		.02	
CABLEWAY HIGHLINE	7.38	.45	.45		.02	
WHIRLEY CRANE	7.40	.45	.45		.02	
SHOVELS, INCL. ALL ATTACHMENTS, OVER 5 CY	7.45	.45	.45		.02	

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MON-3-PEO-1-f (1-4)

REMAINING COUNTIES

POWER EQUIPMENT OPERATORS:	Basic Hourly Rates	Fringe Benefits Payments. H & W	Pensions	Vacation	Apr. Tr.	Oth
A-FRAME TRUCK CRANE	$ 6.71	.45	.45		.02	
AIR COMPRESSOR, single	6.40	.45	.45		.02	
AIR COMPRESSOR, 2 or more; Belt finishing; Conveyor loader, over 42" belt; Roller, steel & self-propelled rubber on other than blade or hot-mix oil paving	6.57	.45	.45		.02	
AIR DOCTOR; Asphalt paving machine, or screed; Bit grinder; Bituminous mixer, paver; Boring machine, large (for guard rail holes); Bulldozer, rubber-tired or otherwise; Concrete batch plant, 1 & 2 mixers; Concrete bucket dispatcher; Concrete Curing Machine; Concrete finishing machine, paving; Concrete float & spreader; Concrete Power saw, self-propelled; Concrete travel batcher; Crusher and/or screening plant; Distributor; Elevating grader; Gradall; Heavy duty rotary drills (Quarry Master, Joy drills & similar types); Hoist, or air tugger, 2 or more drums; Hot plant; Hot plant; Hot plant fireman (when in operation); Industrial Locomotive, all types; Loaders, rubber-tired, over 1 yd. to & incl. 3 yds.; Loaders, track-type, up to & incl. 5 yds.; Loaders, traxcavator & Athey; Loader & Hoe combination, rubber-tired, loader 1 yd. & under, hoe 1 yd. & under; Mountain logger or similar; Mucking Machine; Pavement breaker, Ensco & similar; Power auger, large truck or tractor, mounted & punch; Power mixer, single or double drum; Power saw, self-propelled, multiple cut; Pumpcrete or grout machine; Push tractor; Refrigerator plant; Roller, steel & self-propelled rubber on Blade on hot-mix oil paving Roller, 25 tons, working weight or over, any type or make; Roller, Wagner & similar; Ross & similar type Carriers (on Constr. site); Scraper DW 10; Scraper, DW 15, 20, 21 & similar if Power unit is not used; Self-propelled sheepsfoot & similar; Shov-	6.57	.45	.45		.02	

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MON-3-PEO-1-f (2-4)

POWER EQUIPMENT OPERATORS: (Cont)	Basic Hourly Rates	Fringe Benefits Payments. H & W	Pensions	Vacation	Apr. Tr.	Oth
els, incl. all attachs, under 1 yd.; Trenching machine; Turnhead conveyor or head tower op. on batch plant; water pull, when used for compaction; Washing & screening plant	6.87	.45	.45		.02	
AUTOMATIC FINEGRADER, gurries & similar; Motor patrol; Paving & mixing machine; Scraper, DW 15, 20, 21 & similar if power unit is used; Scraper, single engine; Slip form paver	7.00	.45	.45		.02	
BORING MACHINE; Concrete mixer, 3 bags & under; Fireman; Heavy duty rotary drill helper; Retort op.	6.46	.45	.45		.02	
BROOM OP., self-propelled	5.54	.45	.45		.02	
CABLEWAY OP.	7.38	.45	.45		.02	
CEMENT SILO	6.66	.45	.45		.02	
CENTRAL MIXING PLANTS, concrete dams & stationary	7.12	.45	.45		.02	
CHAIN BUCKET LOADER; Chip-gravel spreader self-propelled; DW 10, 15, 20 tractor pulling roller	6.59	.45	.45		.02	
CONCRETE BATCH PLANT OP., 3 & 4 mixers	7.07	.45	.45		.02	
CONCRETE BATCH PLANT OP., 5 mixers & over	7.27	.45	.45		.02	
CONCRETE BATCH PLANT OILER, up to & incl. 2 mixers	6.39	.45	.45		.02	
CONCRETE BATCH PLANT OILER, 3 mixers & over	6.70	.45	.45		.02	
CONCRETE MIXER OP., 4 bags & over	6.63	.45	.45		.02	
CONVEYOR LOADER, to & incl. 42" belt	6.45	.45	.45		.02	
CRANE, to & incl. 80' boom with jib	7.03	.45	.45		.02	
CRANE, 81' to 130' boom	7.18	.45	.45		.02	
CRANE, 131' to 150' boom	7.23	.45	.45		.02	

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MON-3-PEO-1-f (3-4)

POWER EQUIPMENT OPERATORS: (Cont)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
CRANE, 151' boom & over	7.28	.45	.45		.02	
CRANE OILER; Oiler driver, rubber-tired cranes	6.44	.45	.45		.02	
CRANES, electric overhead; Shovels, incl. all attachs. 1 yd. to & incl. 3 yds.; Track type tractor, on euclid loader	7.05	.45	.45		.02	
CRANE, TOWER; Scraper, tandem or (engine)	7.36	.45	.45		.02	
CRANE, WHIRLEY	7.40	.45	.45		.02	
CRANE, WHIRLEY OILER; hydralift & similar; Oiler, hoist house, dams; Shovel oiler, over 3 yds.; Winch truck with boom	6.77	.45	.45		.02	
CRUSHER AND/OR SCREENING PLANT HELPER, (If over 2 separate units); Crusher oiler; Field equip. service helper; Hot plant oiler, 100 tons per hr. or over; Mechanic and/or welder helper on job; Oilers, other than shovels & cranes; Shovel oiler, 3 yds. & under; Washing and screening plant oiler	6.36	.45	.45		.02	
CRUSHER CONVEYOR, when required; Farm type tractor, up to & incl. 50 H.P.; Grade setter	6.33	.45	.45		.02	
DRILLING MACHINE (does not include Jack hammer, Wagon drillers or waterlines)	6.78	.45	.45		.02	
EUCLID LOADER & similar; Loader & hoe combination, rubber-tired, loader 1 yd. to & incl. 3 yds., hoe over 1 yd.	7.06	.45	.45		.02	
FARM TYPE TRACTOR, over 50 H.P.; Heaters, Herman Nelson & similar	6.41	.45	.45		.02	
FIELD EQUIPMENT SERVICE MAN	6.79	.45	.45		.02	
FORK LIFT (On constr. site)	6.68	.45	.45		.02	
HOIST, OR AIR TUGGER, single drum; Farm grader	6.64	.45	.45		.02	

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MON-3-PEO-1-f (4-4)

POWER EQUIPMENT OPERATORS: (Cont.)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
FULLER KENYON PUMP; Loaders (Barber Green & similar)	6.52	.45	.45		.02	
HELICOPTER HOIST	7.37	.45	.45		.02	
LOADERS, RUBBER-TIRED, 1 yd. & under	6.58	.45	.45		.02	
LOADERS, RUBBER-TIRED, over 3 yds. to & incl. 5 yds.	6.99	.45	.45		.02	
LOADERS, RUBBER-TIRED, 5 yds. to & incl. 10 yds.	7.09	.45	.45		.02	
LOADERS, RUBBER-TIRED, over 10 yds, to & incl. 15 yds.	7.19	.45	.45		.02	
LOADERS, RUBBER-TIRED, over 15 yds. (factory rating not to incl. side-boards)	7.29	.45	.45		.02	
LOADERS, TRACK-TYPE, over 5 yds. to & incl. 10 yds. Scraper, twin engine	7.10	.45	.45		.02	
LOADERS, TRACK-TYPE, over 10 yds. to & incl. 15 yds.	7.20	.45	.45		.02	
LOADERS, TRACK-TYPE, over 15 yds.	7.30	.45	.45		.02	
MECHANIC AND/OR WELDER, on job	6.94	.45	.45		.02	
MIXERMOBILE.	6.95	.45	.45		.02	
PILEDRIVER (when shovel equip. is not used)	6.52	.45	.45		.02	
QUAD CAT	7.17	.45	.45		.02	
SCRAPER, single or twin engine pulling belly dump trailer	7.25	.45	.45		.02	
SHOVELS, incl. all attachs., over 3 yds. to & incl. 5 yds., Stiff-leg derrick & guy derrick	7.32	.45	.45		.02	
SHOVELS, incl. all attachs., over 5 yds.	7.45	.45	.45		.02	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth.
Gallatin County						
Truck Drivers:						
Dump, 7 yds, or less; Pickup, hauling materials; Flat, less than 2 ton; Service and A-Frame trailers	$4.76	.45	.25			
House movers	4.80	.45	.25			
Flat, 2 - 5 tons	4.91	.45	.25			
Dump, over 7 yds. to and incl. 10 yds.; Flat, 5 - 8 tons; Semi and four wheel trailers	5.01	.45	.25			
Dump, over 10 yds. to and incl. 15 yds.	5.17	.45	.25			
Dump, over 15 yds. to and incl. 20 yds.	5.31	.45	.25			

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Bearverhead, Deer Lodge and Silver Bow Counties

MONT-1-TD-1-2-3-((1 of 2)

TRUCK DRIVERS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth.
COMBINATION Truck; Concrete Mixer & Transit Mixer:						
To & incl. 4 cu. yds.	$5.80	.45	.30			
Over 4 cu. yds. to & incl. 6 cu. yds.	5.88	.45	.30			
Over 6 cu. yds. to & incl. 8 cu. yds.	5.96	.45	.30			
Over 8 cu. yds. to & incl. 10 cu. yds.	6.04	.45	.30			
Over 10 cu. yds. - additional $.08 per hour each additional 2 cu. yds. increment						
DISTRIBUTOR DRIVER & HELPER	5.73	.45	.30			
DRY BATCH TRUCKS:						
3 Batch or under	5.55	.45	.30			
Over 3 Batch to & incl. 5 Batch	5.68	.45	.30			
Over 5 Batch to & incl. 10 Batch	5.84	.45	.30			
Over 10 Batch to & incl. 15 Batch	6.00	.45	.30			
Over 15 Batch - additional $.15 per hour each additional 5 Batch increment						
DUMPMAN, GRAVEL SPREADER BOX: Pickup Driver, Hauling Materials; Pilot Car Driver, Teamsters & Helpers; Warehousemen, Partsmen, Cardex men, Warehouse Expediter	5.55	.45	.30			
DUMP TRUCKS & SIMILAR EQUIPMENT WATER LEVEL CAPACITY, INCLUDING SIDEBOARDS:						
7 cu. yds. or less	5.55	.45	.30			
Over 7 cu. yds. to & incl. 10 cu. yds.	5.68	.45	.30			
Over 10 cu. yds. to & incl. 15 cu. yds.	5.84	.45	.30			
Over 15 cu. yds. to & incl. 20 cu. yds.	5.98	.45	.30			
Over 20 cy. yds. to & incl. 25 cu. yds.	6.04	.45	.30			
Over 25 cu. yds. to & incl. 30 cu. yds.	6.10	.45	.30			
Over 30 cu. yds. to & incl. 35 cu. yds.	6.16	.45	.30			
Over 35 cu. yds. to & incl. 40 cu. yds.	6.22	.45	.30			
Over 40 cu. yds. to & incl. 45 cu yds.	6.28	.45	.30			
Over 45 cu. yds. - additional $.06 per hour each additional 5 cu. yds. increment						
DUMPSTERS	5.68	.45	.30			
EW 20, EW 21, or EUCLID TRACTORS, PULLING P.R. 21 or SIMILAR DUMP WAGONS:						
To & incl. 25 cu. yds.	6.04	.45	.30			
Over 25 cu. yds. to & incl. 30 cu. yds.	6.10	.45	.30			
Over 30 cu. yds. - additional $.06 per hour each additional 5 cu. yd. increment						

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MONT-1-TH-1-2-3-4 (2 of 2)

	Basic Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	App. Tr.
SERVICEMEN	$6.29	.45	.30		
POWDER TRUCK DRIVER (bulk unloader type)	5.73	.45	.30		
FLAT TRUCKS:					
To & incl. 3 Tons	5.55	.45	.30		
Over 3 tons Factory rating	5.90	.45	.30		
FUEL TRUCK; SERVICE TIRMEN	6.02	.45	.30		
LOWBOYS, FOUR-WHEEL TRAILER, FLOAT SEMI-TRAILER	5.90	.45	.30		
LUMBER CARRIERS, LIFT TRUCKS; Power Broom	5.64	.45	.30		
WATER TANK DRIVERS, PETROLEUM PRODUCTS DRIVERS:					
2,500 gals & under	5.55	.45	.30		
Over 2,500 gals to & incl. 4,500 gals	5.84	.45	.30		
Over 4,500 gals to & incl. 6,000 gals	6.04	.45	.30		
Over 6,000 gals to & incl. 8,000 gals	6.10	.45	.30		
Over 8,000 gals to & incl. 10,000 gals	6.18	.45	.30		
Over 10,000 gals - additional $.08 per hour each additional 2,000 gals increment					
WINCH, A-FRAME, SWEDISH CRANE, HYDRA-LIFT, GROUTCRETE, & COMBINATION MULCHING, SEEDING & FERTILIZING	5.80	.45	.30		
TRUCK MECHANIC	6.29	.45	.30		
ALL TUNNEL & UNDERGROUND WORK 10% ADDITIONAL					

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MONT-SU-LINE CONSTRUCTION-7-3-6

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
LINE CONSTRUCTION (Jobs 69,000 volts or less)						
Cable splicer	$6.71	.25	1%		½%	
Line equipment operators; Powdermen	5.96	.25	1%		½%	
Experienced groundmen (2 yrs.); Truck drivers	4.72	.25	1%		½%	
Groundmen; Pole digger (groundman)	4.20	.25	1%		½%	
Linemen	6.07	.25	1%		½%	
(Jobs over 69,000 volts)						
Cable splicers	6.88	.25	1%		½%	
Linemen; Pole sprayer	6.53	.25	1%		½%	
Line equipment operators; Powdermen	6.00	.25	1%		½%	
Groundmen	4.96	.25	1%		½%	

SUPERSEDEAS DECISION

STATE: Montana

COUNTIES: Big Horn, Custer, Dawson, Richland, Roosevelt, Rosebud and Yellowstone

DECISION NUMBER: AP-286

DATE: Date of Publication

Supersedes Decision Number AP-241 dated September 22, 1972, in FR 19916

DESCRIPTION OF WORK: Building Construction, (excluding single family homes and garden type apartments up to and including 4 stories).

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
ASBESTOS WORKERS	$8.15	.25	.37			
BOILERMAKERS	8.25	.30	1.00		.02	
BRICKLAYERS; Stonemasons						
Big Horn, Custer, Dawson, Rosebud and Yellowstone Counties	7.75				.02	
Richland County	7.00				.02	
CARPENTERS:						
Big Horn, Rosebud and Yellowstone Cos.						
Carpenters	5.92	.30	.35		.02	
Millwrights	6.22	.30	.35		.02	
Custer County						
Carpenters	5.65	.30	.35		.01	
Piledrivermen	5.90	.30	.35		.01	
Millwrights	6.15	.30	.35		.01	
Dawson, Richland and Roosevelt Cos.						
Carpenters	5.25	.25	.35			
Piledrivermen	5.50	.25	.35			
Millwrights	5.75	.25	.35			
CEMENT MASONS						
Big Horn and Yellowstone Counties	5.56	.30				
ELECTRICIANS:						
Big Horn, Rosebud and Yellowstone Cos.						
Electricians	6.94	.20	1%		½%	
Cable splicers	7.34	.20	1%		½%	
Custer County	5.24		1%		½%	
Dawson, Richland and Roosevelt Cos.	6.40		1%		½%	
ELEVATOR CONSTRUCTORS	5.915	.195	.20	2%+a		
ELEVATOR CONSTRUCTORS' HELPERS	70%JR	.195	.20	2%+a		
ELEVATOR CONSTRUCTORS' HELPERS (PROB.)	50%JR					
IRONWORKERS:						
Structural; Reinforcing; Ornamental	7.03	.40	.65		.05	
MARBLE MASONS						
Big Horn, Custer, Dawson, Richland, Rosebud and Yellowstone Counties	7.75				.02	
PAINTERS:						
Brush; Roller	5.54	.25	.20			
Steel	5.79	.25	.20			
Spray	6.32	.25	.20			
PLASTERERS						
Big Horn and Yellowstone Counties	5.61	.30				
PLUMBERS:						
Big Horn, Custer, Dawson, Richland Rosebud and Yellowstone Counties	7.30	.40	.40		1½%	
Roosevelt County	6.91	.35	.50		.04	

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
ROOFERS:						
Big Horn, Custer, Dawson, Richland, Rosebud and Yellowstone Counties	$5.755					
Roosevelt County	5.35					
SHEET METAL WORKERS	6.62	.27	.20		.02	
SOFT FLOOR LAYERS	5.54	.25	.20			
SPRINKLER FITTERS	7.20	.30	.50		.05	
TERRAZZO WORKERS AND TILE SETTERS:						
Big Horn, Custer, Dawson, Richland, Rosebud and Yellowstone Counties	7.75				.02	

FOOTNOTES:

a. Employer contributes 4% basic hourly rate for over 5 years' service and 2% basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Six Paid Holidays: A through F.

PAID HOLIDAYS:

A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

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MON-2-PED-1-f (2-3)

POWER EQUIPMENT OPERATORS (CONT'D):	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth.
HELICOPTER HOIST	7.37	.45	.45		.02	
CONVEYOR; Chip & gravel spreader	6.57	.45	.45		.02	
CRANE OPERATORS:						
To & incl. 80' w/jibs	7.03	.45	.45		.02	
81' to 130' boom	7.18	.45	.45		.02	
131' to 150' boom	7.23	.45	.45		.02	
151' boom & over	7.28	.45	.45		.02	
ELECTRIC OVERHEAD CRANE; Euclid loader & similar type; Shovels, incl. all attachs., 1 yd. to & incl. 4 yds.; Tournapull, DW 20, 21, & similar type scrapers	7.06	.45	.45		.02	
CRANE OILER-DRIVER, rubber tired	6.42	.45	.45		.02	
DRILLING MACHINE, does not incl. jack-hammer, wagon driller, or water liner; Field equipment servicemen; Winch truck with hydraulic boom	6.77	.45	.45		.02	
FORK LIFT, on construction site	6.66	.45	.45		.02	
FRONT-END LOADER, rubber-tired, over 3 yds. & incl. 5 yds.; LeTourneau, single & similar type; Motor patrol; Automatic finegrader, gurries & similar type	7.00	.45	.45		.02	
FRONT-END LOADERS, rubber-tired, over 5 yds. to & incl. 10 yds.; Scraper, twin-engine; Track-type front-end loaders, over 5 cu. yds. to & incl. 10 cu. yds.	7.10	.45	.45		.02	
FRONT-END LOADERS, rubber-tired, 10 yds. to & incl. 15 yds.; Track-type front-end loaders to & incl. 15 cu. yds.	7.20	.45	.45		.02	
FRONT-END LOADERS, rubber-tired, over 15 yds. (factory struck rating, not to include sideboards); Track-type front-end loaders, over 15 cu. yds.	7.30	.45	.45		.02	
GRADE SETTER; Herman Nelson heaters and similar type	6.33	.45	.45		.02	
LETOURNEAU, Tandem & similar type;						

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MON-2-PED-1-f (3-3)

POWER EQUIPMENT OPERATORS (CONT'D):	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
LOADERS, BARBER GREEN & similar type	6.51	.45	.45		.02	
MECHANIC AND/OR WELDER, on job site	6.97	.45	.45		.02	
MECHANIC AND/OR WELDER, HELPER; Heavy duty rotary drill helper; Oiler	6.32	.45	.45		.02	
MIXER, CONCRETE, 3 bags & under	6.43	.45	.45		.02	
MIXER, CONCRETE, 4 bags & over	6.68	.45	.45		.02	
MIXERMOBILE	6.96	.45	.45		.02	
PUMPMAN	6.37	.45	.45		.02	
SHOVELS, over 4 yds.; Stiff leg, Guy derrick; Scraper, tandem 3 engines	7.36	.45	.45		.02	
TRACTOR, rubber-tired, (Industrial)	6.31	.45	.45		.02	
TOWER CRANE	7.36	.45	.45		.02	
TRENCHING MACHINE	6.81	.45	.45		.02	

Dawson, Richland and Roosevelt Counties

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MONT-5-PED-2-3-c (1-4)

POWER EQUIPMENT OPERATORS:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
CRUSHER CONVEYOR; Farm type tractor, up to & incl. 50 HP engine; Grade setter	$6.33	.45	.45		.02	
CRUSHER OILER & HELPER; Field equipment serviceman helper; Hot plant oiler, 100 ton per hr. or over; Mechanic and/or welder helper on job; Oiler other than shovels & cranes; Shovel oiler, 3 cy and under; Washing and screening plant oiler	6.36	.45	.45		.02	
CONCRETE BATCH PLANT OILER, UP TO & INCL. 2 MIXERS	6.39	.45	.45		.02	
AIR COMPRESSOR, SINGLE; Pumpman	6.40	.45	.45		.02	
FARM TYPE TRACTOR, OVER 50 HP ENGINE; Herman Nelson heater & similar types	6.41	.45	.45		.02	
CRANE OILER; Oiler-driver, rubber-tired cranes	6.44	.45	.45		.02	
CONVEYOR LOADER, UP TO & INCL. 42" BELT	6.45	.45	.45		.02	
BORING MACHINE, JEEP, PICKUP OR FARM TRACTOR MOUNTED; Concrete mixer, 3 bags & under; Fireman; Heavy duty drills, helper; Retort op.	6.46	.45	.45		.02	
BROOM, SELF-PROPELLED	6.54	.45	.45		.02	
AIR COMPRESSOR, 2 OR MORE; Belt finishing machine; Conveyor loader, over 42" belt; Roller, on other than hot mix oil, paving	6.57	.45	.45		.02	
RUBBER-TIRED FRONTEND LOADER, 1 CY & UNDER	6.58	.45	.45		.02	

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MONT-5-PEO-2-3-c (2-4)

POWER EQUIPMENT OPERATORS' CONT'D:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
CHAIN BUCKET LOADER; Chip gravel spreader, self-propelled; DW 10, 15, 20 tractor pulling roller	6.59	.45	.45		.02	
CONCRETE MIXER, 4 BAGS & OVER	6.63	.45	.45		.02	
FORM GRADER; Hoist, single drum	6.64	.45	.45		.02	
CEMENT SILO	6.66	.45	.45		.02	
FORKLIFT, ON CONSTRUCTION SITE	6.68	.45	.45		.02	
CONCRETE BATCH PLANT OILER, 3 MIXERS AND OVER	6.70	.45	.45		.02	
A-FRAME TRUCK, CRANE, WINCH TRUCK AND SIMILAR	6.71	.45	.45		.02	
HYDRALIFT AND SIMILAR TYPES; Oiler, hoist house, dams; Whirley crane oiler	6.77	.45	.45		.02	
FIELD EQUIPMENT SERVICEMAN	6.79	.45	.45		.02	
AIR DOCTOR; Asphalt paving machine; Asphalt paving machine, screed; Bit grinder; Bitum, mixer paving, travel plant; Boring machine, large; Concrete batch plant, 1 and 2 mixers; Concrete finishing machine, paving; Concrete bucket dispatcher; Concrete curing machine; Concrete float and spreader; Concrete power saw, self-propelled; Concrete travel batcher; Crusher op.; Distributor; Elevating grader; Gradeall; Heavy duty drills, all types; Hoist, 2 or more drums; Hot plant op.; Hot plant fireman; Industrial locomotive, all types; Mountain logger or similar type; Mucking machine; Pavement breaker, Ensco and similar; Power auger large truck or tractor, mounted and punch; Power mixer, single or double drum; Power saw, self-propelled, multiple cut; Pumpcrete or grout machine; Push tractor; Refrigerator plant; Roller, on blade or hot mix oil paving; Roller, 25 ton or over; Ross and similar type carriers on construction site; Rubber-tired dozer;						

AF-286 P. 5

MONT-5-PEO-2-3-c (3-4)

POWER EQUIPMENT OPERATORS CONT'D:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Rubber-tired frontend loader, over 1 cy to & incl. 3 cy; Scraper DW 15, 20, 21 & similar type if power unit is not used; Self-propelled sheeps foot & similar type; Shovels, incl. all attachments, under 1 cy; Track-type frontend loader, up to & incl. 5 cy; Track-type tractor with or without attachments; Trenching machine; Turnhead conveyor or head tower on batch plant; Wagner roller & similar type; Water pull when used for compaction; Washing and screening plant	6.67	.45	.45		.02	
MIXERMOBILE	6.95	.45	.45		.02	
MECHANIC AND/OR WELDER ON JOB	6.97	.45	.45		.02	
RUBBER-TIRED FRONTEND LOADER, OVER 3 CY TO & INCL. 5 CY	6.99	.45	.45		.02	
AUTOMATIC FINEGRADER, GURDIES AND OTHER SIMILAR TYPES; Motor patrol; Paving mixing machine; Scraper, single engine; Slip form paver	7.00	.45	.45		.02	
CRANE, UP TO & INCL. 80' BOOM WITH JIB	7.03	.45	.45		.02	
ELECTRIC OVERHEAD CRANES; Shovels, incl. all attachments, 1 cy to & incl. 3 cy; Track-type tractor, on euclid loader	7.05	.45	.45		.02	
CONCRETE BATCH PLANT, 3 AND 4 MIXERS	7.07	.45	.45		.02	
RUBBER-TIRED FRONTEND LOADER, OVER 5 cy TO & INCL. 10 cy	7.09	.45	.45		.02	
SCRAPER, TWIN ENGINE; Track-type frontend loader, over 5 cy to & incl. 10 cy	7.10	.45	.45		.02	
CENTRAL MIXING PLANTS, CONCRETE DAMS & STATIONARY	7.12	.45	.45		.02	
QUAD CAT	7.17	.45	.45		.02	
CRANE, 81' TO 130' BOOM	7.18	.45	.45		.02	

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MONT-5-PBO-2-3-c (4-6)

POWER EQUIPMENT OPERATORS CONT'D:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
RUBBER-TIRED FRONTEND LOADER, OVER 10 CY TO & INCL. 15 CY	7.19	.45	.45		.02	
TRACK-TYPE FRONTEND LOADER, OVER 10 CY TO & INCL. 15 CY	7.20	.45	.45		.02	
CRANE, 131' TO 150' BOOM	7.23	.45	.45		.02	
SCRAPER, SINGLE OR TWIN ENGINE, PULLING BELLY DUMP TRAILER	7.25	.45	.45		.02	
CONCRETE BATCH PLANT, 5 MIXERS AND OVER	7.27	.45	.45		.02	
CRANE, 151' BOOM & OVER	7.28	.45	.45		.02	
RUBBER-TIRED FRONTEND LOADER, OVER 15 CY (Factory rating not to include sideboards)	7.29	.45	.45		.02	
TRACK-TYPE FRONTEND LOADER, OVER 15 CY	7.30	.45	.45		.02	
SHOVEL, INCL. ALL ATTACHMENTS, OVER 3 CY TO & INCL. 5 CY; Stiff leg derrick and guy derrick	7.32	.45	.45		.02	
SCRAPER, TANDEM ENGINE	7.36	.45	.45		.02	
HELICOPTER HOIST	7.37	.45	.45		.02	
CABLEWAY HIGHLINE	7.38	.45	.45		.02	
WEIRLEY CRANE	7.40	.45	.45		.02	
SHOVELS, INCL. ALL ATTACHMENTS, OVER 5 CY	7.45	.45	.45		.02	

AP-286 P. 10

LABORERS:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Custer and Dawson Counties						
General laborers	$4.89	.35	.25		.03	
Jackhammer op.; Mechanical tampers; Pipelayers (all types); Pavement breakers; Pneumatic and electric tool ops.; Pipewrappers	5.11	.35	.25		.03	
Mason and plaster tenders	5.39	.35	.25		.03	
Big Horn, Rosebud and Yellowstone Cos.						
General laborers; Concrete laborers; Chuck tenders and nippers	5.04	.35	.25		.03	
Cement handler (sack or bulk); Jackhammer op.; Mortarman; Pipelayer (all types); Pipewrapper; Primer-houseman	5.26	.35	.25		.03	
Mason and plaster tenders	5.29	.35	.25		.03	
Richland and Roosevelt Counties						
Laborers	4.12	.15	.15		.02	
Air tool op. (jackhammer, vibrator)	4.37	.15	.15		.02	
Brick tenders	4.52	.15	.15		.02	
Mortar mixers	4.62	.15	.15		.02	
Pipelayers (concrete and clay)	4.37	.15	.15		.02	
Plasterers' tenders	4.62	.15	.15		.02	

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MONT-SW-LINE CONSTRUCTION-7-3-d

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
LINE CONSTRUCTION (Jobs 69,000 volts or less)						
Cable splicer	$6.71	.25	1%		½%	
Line equipment operators; Powdermen	5.96	.25	1%		½%	
Experienced groundmen (2 yrs.); Truck drivers	4.72	.25	1%		½%	
Groundmen; Pole digger (groundman)	4.20	.25	1%		½%	
Linemen	6.07	.25	1%		½%	
(Jobs over 69,000 volts)						
Cable splicers	6.88	.25	1%		½%	
Linemen; Pole sprayer	6.53	.25	1%		½%	
Line equipment operators; Powdermen	6.00	.25	1%		½%	
Groundmen	4.96	.25	1%		½%	

SUPERSEDEAS DECISION

AP-290 P. 2

STATE: Nevada

COUNTIES: Clark (excluding the Nevada Test Site)

DECISION NO. AP-290

DATE: Date of Publication

Supersedes Decision No. AM-6197 dated November 19, 1971, in 36 FR 22110

DESCRIPTION OF WORK: Residential construction consisting of single family homes and garden type apartments up to and including 4 stories.

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
ASBESTOS WORKERS	$9.63	.51	.72			
BOILERMAKERS	7.95	.60	1.00	.50	.02	
BRICKLAYERS; Stonemasons	7.42	.20		1.00	.01	
CARPENTERS:						
Carpenters	6.50	.45	.60	.80	.03	
Millwrights	6.80	.45	.60	.80	.03	
CEMENT MASONS	6.75	.42		1.30	.01	
ELECTRICIANS and Technicians	9.91	.43	1%		.05	
Calbe splicers	10.24	.43	1%		.05	
ELEVATOR CONSTRUCTORS	9.21	.345	.23	2%+a		
ELEVATOR CONSTRUCTORS' HELPERS	70%JR	.345	.23	2%+a		
ELEVATOR CONSTRUCTORS' HELPERS (PROB.)	50%JR					
GLAZIERS	9.35				.01	
IRONWORKERS						
Structural; Ornamental	8.38	.58	.625	.70	.02	
Reinforcing	8.34	.58	.625	.70	.02	
Fence Erectors	8.24	.58	.625	.70	.02	
LATHERS	7.15	.53		1.00	.01	
LINE CONSTRUCTION:						
Cable splicers	9.92	.43	1%		.05	
Linemen	10.42	.43	1%		.05	
MARBLE MASONS: Tile Setters; Terrazzo Workers	6.27	.20		1.00	.01	
PAINTERS:						
Brush and roller	8.23	.32	.25		.02	
Spray; Steel painter; Swing stage boson chair; Paperhanger; Sand blaster; Pot tender; Tapers; Buffing; Acid staining; Sign painting	8.48	.32	.25		.02	
Paperhanging with machine; Sand blasting; Structural steel and buffing steel	8.73	.32	.25		.02	
Steeple jack	9.48	.32	.25		.02	
PLASTERERS	6.93	.42		.50	.01	
PLUMBERS; Pipefitters	8.40	.45	.95	1.60	.06	
ROOFERS	9.13	.30				
SHEET METAL WORKERS	9.47	.48	.90		.03	
SOFT FLOOR LAYERS	8.82	.40			.01	
SPRINKLER FITTERS	10.55	.25	.40		.05	

FOOTNOTE:

a. First 6 months, none; 6 months to 5 years 2%; over 5 years 4% basic hourly rate.
Six Paid Holidays: A through F.

PAID HOLIDAYS:

A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

AP-290 P. 3

2-NEV-LAB-1-2-3-d (1-3)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
LABORERS:						
GROUP I LABORERS-general or Construction; Demolition (cleaning of brick, lumber, etc.; Dry packing of concrete, and filling of form-bolt holes; Gas and oil pipeline; Laborer-Temporary water lines (portable type); Window cleaner	$5.60	.26	.60	1.00		
GROUP II Cutting Torch Op. (Demolition); Tarman & Mortar man, Kettleman, Potman and man applying asphalt, Lay-Kold Creosote, Lime, & similar type materials	5.65	.26	.60	1.00		
GROUP III Guinea Chaser	5.68	.26	.60	1.00		
GROUP IV Fine Grader, highway & street paving, airport, runways & similar type heavy construction; Landscape gardener & nursery-man	5.70	.26	.60	1.00		
GROUP V Laborers-packing rod steel & pans	5.72	.26	.60	1.00		
GROUP VI Underground laborer including Caisson Bellowers	5.73	.26	.60	1.00		
GROUP VII Chucktender (except tunnels); Scaler; Tank scaler & cleaner	5.75	.26	.60	1.00		
GROUP VIII Cesspool Digger & Installer	5.78	.26	.60	1.00		
GROUP IX Concrete Curer-impervious membrane & oiler of all materials; Riprap stone-paver; Sandblaster (Pot Tender); Making & Caulking of all non-metallic pipe joints	5.79	.26	.60	1.00		

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2-NEV-LAB-1-2-3-d (2-3)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
LABORERS: (cont'd)						
GROUP X Operators & tenders of pneumatic & electric tools, vibrating machines, hand propelled trenching machines, impact wrench multi-plate & similar mechanical tools not separately classified herein; Asphalt Raker, ironer, spreader, Luteman; Buggy-mobile man; Cement dumper (on one yard or larger mixers & handling bulk cement); Concrete saw man excluding Tractor type, cutting, scoring old or new concrete; Concrete Core Cutter; Gas & oil pipeline wrapper-pot tender & form man; Operator of cement grinding machine; Roto-scraper; Tree climber, Faller, Chain saw opr., Pittsburgh Chipper & similar type brush shredders	$5.81	.26	.60	1.00		
GROUP XI Rock Slinger; Scaler (using Bos'n chair or safety belt or power tools)	5.86	.26	.60	1.00		
GROUP XII Driller and/or pavement breaker	5.89	.26	.60	1.00		
GROUP XIII Oversize concrete vibrator op., 70 lbs. & over; Laying of all non-metallic pipe, including sewer pipe, drain pipe & underground tile	5.91	.26	.60	1.00		
GROUP XIV Gas & oil pipeline wrapper - 6 inch pipe & over	5.94	.26	.60	1.00		
GROUP XV Cribber or Shorer, lagging, sheeting, trench bracing, hand guided lagging hammer; Powderman-Blaster-all work of loading holes, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading & placing	5.96	.26	.60	1.00		
GROUP XVI Steel Headboardman	6.025	.26	.60	1.00		

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2-NEV-LAB-1-2-3-d (3-3)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
LABORERS: (cont'd)						
GROUP XVII						
Sandblaster (nozzleman); Driller (Core, Diamond, or Wagon), Joy Driller Model TW-M-2A, Gardner-Denver Model DH 163 & similar type drills	6.05	.26	.60	1.00		
GROUP XVIII						
Head Rock Slinger	6.12	.26	.60	1.00		

AP-290 P. 6

POWER EQUIPMENT OPERATORS

2-NEV-PEO-1-2-3-e (1-4)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
GROUP I						
BRAKEMAN; Compressor Operator; Engineer Oiler; Generator; Heavy Duty Repairman Helper; Pump; Signalman; Switchman	6.88	.75	1.20	.30	.02	
GROUP II						
CONCRETE MIXER OPERATOR, SKIP TYPE; Conveyor Operator; Fireman; Generator, Pump or Compressor, (2-5 inclusive); Generator, Pump or Compressor Portable Units (over 5 units, 10¢ per hour for each additional unit up to nine units); Hydrostatic Pump; Oiler Crusher, (Asphalt or Concrete Plant); Pland Operator, Generator, Pump or Compressor; Skiploader - Wheel type up to 3/4 yd. w/o attachment; Soils Field Technician; Tar Pot Fireman; Temporary Heating Plant; Trenching Machine Oiler; Truck Crane Oiler	7.12	.75	1.20	.30	.02	
GROUP III						
A-FRAME OR WINCH TRUCK; Elevator Operator (inside); Equipment Greaser (rack); Ford Ferguson (with dragtype attachments); Helicopter Radioman (ground); Power Concrete Curing Machine; Power Concrete Saw; Power-driven Jumbo Form Setter; Ross Carrier; Stationary Pipe Wrapping and Cleaning Machine	7.36	.75	1.20	.30	.02	
GROUP IV						
ASPHALT PLANT FIREMAN; Boring Machine; Boxman or Mixerman (Asphalt or Concrete); Chip Spreading Machine; Concrete Pump (small portable); Bridge Type Unloader and Turntable; Dinkey Locomotive or Motorman (up to and including 10 tons); Equipment Greaser (grease truck); Helicopter Hoist; Highline Cableway Signalman; Hydra-Hammer - Aero Stomper; Power Sweeper; Roller (compacting); Screed (Asphalt or Concrete); Trenching Machine (up to 6 ft.)	7.47	.75	1.20	.30	.02	

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2-HEV-PEO-1-2-3-e (2-4)

POWER EQUIPMENT OPERATORS (Cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oths
GROUP V ASPHALT PLANT ENGINEER; Concrete Batch Plant; Backhoe (up to and incl. 3/4 yd.); Bit Sharpener; Concrete Joint Machine (Canal and similar type); Concrete Planer; Deck Engine; Forklift (under 5 ton capacity); Machine Tool; Maginnis Internal Full Slab Vibrator; Mechanical Berm. curb or gutter concrete or asphalt); Mechanical Finisher (concrete-Clary-Johnson-Bidwell or similar); Pavement Breaker; Road Oil Mixing Machine; Roller (asphalt or finish); Rubber-tired Earth Moving Equipment, (single engine, up to and including 25 yd. struck); Self-propelled Tar Pipelining Machine; Slip Form Pump (power-driven hydraulic lifting device for concrete forms); Tugger Hoist (1 drum); Tunnel Locomotive (over 10 and up to and incl. 30 tons); Stinger Crane (Austin-Western or similar type); Skiploader Crawler and Wheel type over 3/4 yds. & up to & incl. 1 1/2 yds.); Tractor - Bulldozer, Tamper, Scraper (single engine, up to 100 h.p., flywheel and similar types, up to and including D-5 and similar types)	$7.66	.75	1.20	.30	.02
GROUP VI ASPHALT OR CONCRETE SPREADING (Tamping or Finishing); Asphalt Paving Machine (Barber Greene or similar type); BHL Lima Road Pactor or similar; Bridge Crane; Pipe Laying Machine (Cast in Place); Combination Mixer and Compressor (Gunite work); Concrete Pump (truck mounted); Concrete Mixer; Crane (up to and including 25 tons); Crushing Plant; Elevating Grader; Forklift (over 5 tons); Grade Checker; Gradeall; Grouting Machine; Heading Shield; Heavy Duty Repairman; Hoist (Chicago Boom & similar type); Kolman Belt Loader & similar type; LeTourneau Blob Compactor or similar type; Lift Slab Machine (Vagtborg and similar types)					

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2-HEV-PEO-1-2-3-e (3-4)

POWER EQUIPMENT OPERATORS (Cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oths
GROUP VI (Cont'd) Lift Mobile; Loader (Athey, Euclid, Sierra and similar type); Material Hoist; Mucking Machine (1/4 yd. - rubber-tired, rail or track type); Pneumatic Concrete Placing Machine (Hackley-Presswell or similar type); Pneumatic Heading Shield (Tunnel); Pumpcrete Gun; Rotary Drill (excluding Caisson type); Rubber-tired earth moving equip. op. (single engine - Caterpillar, Euclid, Athey Wagon, & similar types with any and all attachments over 25 yds. & up to & incl. 50 cu. yds. struck); Rubber-tired Scraper (self-loading - Paddle wheel type - John Deere, 1040 & similar single unit); Skiploader (Crawler and Wheel type - over 1 1/2 yds., up to & incl. 6 1/2 yds.); Surface Beaters and Planer; Rubber-tired Earth Moving Equip., multiple engine (up to & incl. 25 yds. struck); Trenching Machine (over 6 ft. depth capacity, manufacturers rating); Tower Crane; Tractor Compressor Drill Combination; Tractor (any type larger D-5 - 100 Fly wheel h.p. & over, or similar) (Bulldozer, Tamper, Scraper and Push Tractor, single engine); Tractor (Boom attachments); Traveling Pipe Wrapping, Cleaning and Bending; Tunnel Locomotive (over 30 ton); Shovel, Backhoe, Dragline, Clamshell (over 3/4 yd. & up to 5 cu. yd. M.R.C.;	$7.76	.75	1.20	.30	.02
GROUP VII CRANE (over 25 ton up to & incl. 100 tons M.R.C.; Derrick Barge, Dual Drum Mixer; Hoist, Stiff Legs, Guy Derrick, or similar type, up to & incl. 100 tons; Monorail Locomotive (Diesel, gas or electric); Motor Patrol - Blade Op. (single engine); Multiple Engine Tractor Op. (Euclid and similar type, except Quad 9 Cat); Rubber-tired Earth Moving Equip. (Single engine over 50					

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2-NEV-PEO-1-2-3-e (4-4)

POWER EQUIPMENT OPERATORS (Cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
GROUP VII (Cont'd) yds. struck; Rubber-tired Earth Moving Equip. (multiple engine, Euclid, Caterpillar and similar) (over 25 yds. & up to 50 cu. yds. struck); Tractor Loader Op. (Crawler & wheel type over 6 1/2 yds.); Tower Crane Repairman; Shovel, Backhoe, Dragline, Clamshell Op. (over 5 cu. yds., MRC; Woods Mixer and similar Pugmill Equip.; Heavy Duty Repairman - Welder Combination	$7.86	.75	1.20	.30	.02	
GROUP VIII Auto Grader; Automatic Slip Form; Crane (over 100 tons); Hoist, Stiff Legs, Guy Derricks or similar types (capable of hoisting 100 tons or more); Mass Excavator (less than 750 cu. yds.; Mechanical Finishing Machine; Mobile Form Traveler; Motor Patrol (Multi engine); Pipe Mobile Machine; Rubber-tired Earth Moving Equip. (multiple engine, Euclid, Caterpillar and similar type over 50 cu. yds. struck); Rubber-tired Self Loading Scraper (Paddle Wheel - Auger type self-loading (2 or more units); Tandem Equip. (2 units only); Tandem Tractor (Quad 9 or similar-type); Tunnel Mole Boring Machine; Rubber-tired Scraper (pushing w/o Push Cat, Push-Pull (50¢ per hour additonal	8.00	.75	1.20	.30	.02	
GROUP IX Canal Liner; Canal Trimmer; Helicopter Pilot; Highline Cableway; Wheel Excavator (over 750 cu. yds.); Remote Controlled Earth Moving Equip. ($1.00 per hour additional to base rate)	8.10	.75	1.20	.30	.02	

AP-290 P. 10

2-NEV-TD-1-2-3-i (1-2)

TRUCK DRIVERS:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
GROUP I Drivers of Dump Trucks (less than 12 yds. water level); Drivers of Trucks (legal payload capacity less 15 tons); Water & Fuel Truck Drivers under 2500 gals.; Pickup Drivers; Service Truck Driver--Teamster Equipment (highest rate paid for dual craft operation) Truck Repairman Helper; Drivers or Busses on Job Site used for transportation of up to 25 passengers	$7.20	.25	.30			
GROUP II Drivers of Dump Trucks 12 yds. but less than 16 yds. water level; Drivers of Trucks--legal payload capacity between 15 & 20 tons; Gas & Oil Pipeline Working Truck Driver, including winch truck & all sizes of trucks; water & Fuel Truck Drivers 2500 gals. to 4000 gals.; Truck Greaser & Tireman; Drivers of Busses (on job site used for transportation or more than 25 passengers); Road Oil Spreading by Truck Drivers; Time spent Spreading Oil	7.31	.25	.30			
GROUP III Drivers of Transit-mix Trucks, under 3 yds. Dumpcrete Truck, less than 6½ yds. water level	7.36	.25	.30			

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2-NEV-TD-1-2-3-4 (2-2)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
TRUCK DRIVERS (CONT'D)						
GROUP IV Drivers of Dump Trucks, 16 yds. up to & including 22 yds. water level; Drivers of Trucks, legal payload capacity, 20 tons but less than 30 tons; Drivers of Euclid-type Spreader Trucks; Drivers of Dumpster Trucks; Drivers of Transit-mix Trucks, 3 yds., but less than 6 yds.; Dumpcrete Truck, 6½ yds. water level & over; Fork Lift Driver; Ross Carrier Driver--Highway Water & Fuel Truck Drivers 4000 but less than 6000 gals.	7.52	.25	.30			
GROUP V Drivers of Transit-mix Trucks, 6 yds. or more; Truck Repairman; Drivers of Dump Trucks, over 22 yds. water level; Drivers of Trucks, legal payload capacity, 20 tons & over; Drivers of Fuel & Water Trucks, 6000 gals, & over	7.70	.25	.30			
GROUP VI D.W. & similar type equipment; D.W. 10 & D.W. 20 Euclid-type equipment LeTorneau Pulls, Terra Cobras & similar types of equipment, also PB & similar type trucks when performing work within Teamster jurisdiction, regardless of types of attachment including power units pulling off Highway Belly Dumps in tandem	8.20	.25	.30			

SUPERSEDEAS DECISION

STATE: Oregon
DECISION NUMBER: AP-284
COUNTIES: Statewide
DATE: Date of Publication
Supersedes Decision No. AP-271 dated March23, 1973, in 38FR 7750
DESCRIPTION OF WORK: Building Construction (excluding single family homes and garden type apartments up to and including 4 stories), heavy and highway construction and dredging.

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
ASBESTOS WORKERS	7.85	.35	.60		.06	
BOILERMAKERS	6.95	.60	1.00	.50	.02	
BRICKLAYERS; Stonemasons						
Clackamas, Clatsop, Columbia, Gilliam, Hood River, Multnomah, Morrow, Sherman, Tillamook, Wasco (north of the City of Maupin), Washington, N½ Yamhill Cos.	7.90	.35	.35		.02	
North ½ of Lincoln, Marion, Polk, S½ of Yamhill Cos.	7.40	.35	.35		.02	
Baker, North 1/2 of Malheur, Union, Umatilla, Wallowa Cos.	7.85	.30				
Benton, Coos, Crook, Curry, Deschutes, Douglas, Grant, Harney, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, South 1/2 of Lincoln, Linn, South 1/2 of Malheur, Wasco (incl. the City of Maupin & south thereof), Wheeler Cos.	7.00	.45	.45		.02	
CARPENTERS:						
Acoustical & Drywall Applicators; Automatic Nailing Machine; Carpenters; Form Strippers; Manhole Builders	6.78	.55	.40	.35	.03	
Pileodrivermen, Bridge, Dock & Wharf Builders	6.88	.55	.40	.35	.03	
Floor Layers & Finishers; Stationary Power Saw Operators	6.91	.55	.40	.35	.03	
Boom Men	6.98	.55	.40	.35	.03	
Millwrights & Machine Erectors	7.03	.55	.40	.35	.03	
CEMENT MASONS:						
Cement Masons	6.81	.35	.35		.01	
Mastic Worker; Composition Workers; Gunnite Man; Power Machinery Operator	6.935	.35	.35		.01	
DRYWALL TAPERS	6.10	.32	.15	.50	.015	
ELECTRICIANS:						
Malheur County						
Electricians	7.45	.30	1%		2/10%	
Cable Splicers	8.195	.30	1%		2/10%	
Baker; Gilliam; Grant; Morrow; Umatilla; Union; Wallowa; Wheeler Cos.						
Electricians	7.93	.35	1%		.02	
Cable Splicers	8.33	.35	1%		.02	
Coos; Curry; Lincoln; Those portions of Douglas & Lane Cos. lying west of a line north & south from the NE corner of Coos Co. to the SE corner of Lincoln Co.						
Electricians	$8.21	.25	1%		.04	
Cable Splicers	9.03	.25	1%		.04	
Benton; Crook; Deschutes; Jefferson; Lane (except coast portion); Linn; Marion; Polk; S 1/2 of Yamhill Cos.						
Electricians	8.50	.25	1%		.04	
Cable Splicers	8.95	.25	1%		.04	
Clackamas; Clatsop; Columbia; Hood River; Multnomah; Sherman; Tillamook; Wasco; Washington; N½ of Yamhill Cos.						
Electricians	7.75	.25	1% +.30		.02	
Cable Splicers	8.35	.25	1% +.30		.02	
Harney; Jackson; Josephine; Klamath; Lake; That portion of Douglas lying east of a line running north & south from the corner of Coos Co. to the southeast corner of Lincoln Co.						
Electricians	7.70	.25	1%		.04	
Cable Splicers	8.25	.25	1%		.04	
ELEVATOR CONSTRUCTORS	8.01	.345	.22	2% + a		
ELEVATOR CONSTRUCTORS' HELPERS	70%JR	.345	.22	2% + a		
ELEVATOR CONSTRUCTORS' HELPERS (PROB.)	50%JR					
GLAZIERS	6.82	.26	.20	4%	.01	
IRONWORKERS:						
Reinforcing; Structural; Fence Erectors; Ornamental; Riggers; Signal Men	7.31	.48	.65	.25	.05	
LATHERS						
Clackamas, Clatsop, Columbia, Gilliam, Harney, Hood River, Morrow, Multnomah, Sherman, Tillamook, Wasco, Washington, Yamhill Cos.	6.60	.15			.01	
MARBLE SETTERS						
Clackamas, Clatsop, Columbia, Gilliam, Hood River North 1/2 of Lincoln, Marion, Multnomah, Morrow, Polk, Sherman, Tillamook, Wasco (north of the City of Maupin), Washington, Yamhill Cos.	7.90	.35	.35		.02	
Baker, North 1/2 of Malheur, Union, Umatilla; Wallowa Cos.						
Outside	7.85	.30				
Inside	7.65	.30				
Benton, Coos, Crook, Curry, Deschutes, Douglas, Grant, Harney, Jackson, Jefferson, Josephine, Klamath, Lake,						

AP-284 P. 3

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
Lane, South 1/2 of Lincoln, Linn, South 1/2 of Malheur, Wasco (incl. the City of Maupin & south thereof), Wheeler Cos.	$7.00	.45	.45		.02	
PAINTERS:						
Brush	7.05	.30	.20		.015	
Spray	7.30	.30	.20		.015	
High Work over 100'	7.55	.30	.20		.015	
High Towers, ground to 100'	7.20	.30	.20		.015	
High Towers, ground to 300'	7.55	.30	.20		.015	
High Towers, ground to over 300'	8.05	.30	.20		.015	
PLASTERERS	6.95	.45	.45		.01	
PLUMBERS; STEAMFITTERS:						
Baker; Harney (except NW portion); Malheur Cos.	6.58	.28	.30		.05	
Grant (except SW corner); Morrow; Umatilla; Wallowa; Union Cos.	7.52	.26	.55	.47	.06	
N. 1/2 of Benton, Lincoln, & Linn Cos.; Marion; Polk; S 1/2 of Tillamook, Yamhill Cos.	6.55	.46	.65	1.00	.08	
Clackamas; Clatsop; Columbia; Gilliam; Hood River; Jefferson; Multnomah; Sherman; N. 1/2 of Tillamook; Wasco; Wheeler; Washington; & N. 1/2 of Yamhill	7.36	.59	.66		.07	
Coos; Curry; West Coast portion of Douglas Co; Lane (City of Florence)	7.74	.41	.52		.0175	
Lane (except for City of Florence); Douglas (except coast portion); Crook; Deschutes; N.W. portion of Harney; Northern portions of Klamath and Lake Cos.; S. 1/2 of Lincoln, Linn, Benton and Jefferson Cos.; & S.W. corner of Grant County	7.73	.41	.62		.02	
Remainder of Klamath & Lake Cos.	7.06	.45	.55	.75	.05	
Jackson; Josephine Cos.	7.05	.40	.50	.43	.02	
ROOFERS						
Clackamas, Clatsop, Columbia, Gilliam, Hood River, Jefferson, Multnomah, Sherman, Tillamook, Wasco Cos.						
Roofers	6.95	.45	.46			
Coal Tar	7.45	.45	.46			
Coal Tar in confined areas	7.70	.45	.46			
Wallowa County	6.65					
Coos, Crook, Curry, Deschutes, Douglas, Harney, Jackson, Josephine, Klamath, Lake, Lane, Malheur Cos.	6.53	.25				

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
SHEET METAL WORKERS						
Benton, Clackamas, Clatsop, Columbia, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Lincoln, Linn, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Wasco, Washington, Wheeler, Yamhill Cos.	6.95	.33	.24	.28	.02	
Malheur County	7.06	.27	.20		.02	
Baker, Umatilla, Union, Wallowa Cos.	6.50	.22	.30			
Coos, Curry, Douglas, Lane Cos.	7.85	.22	.34		1/2%	
Jackson, Josephine	6.73	.22	.30			
SOFT FLOOR LAYERS	6.75	.35	.45	b	.05	
SPRINKLER FITTERS	8.70	.30	.50		.05	
TILE SETTERS & TERRAZZO WORKERS						
Clatsop, Clackamas, Columbia, Gilliam, Harney, Hood River, N. 1/2 of Lincoln, Marion, Morrow, Multnomah, Polk, Sherman, Wasco (north of the City of Maupin), Washington, Tillamook, Yamhill Cos.	6.95	.25	.24			
Baker, North 1/2 of Malheur, Union, Umatilla, Wallowa Cos.	7.18	.30				
Benton, Coos, Crook, Curry, Deschutes, Douglas, Grant, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, South 1/2 of Lincoln, Linn, South 1/2 of Malheur, Wasco (incl. the City of Maupin and south thereof), Wheeler Cos	6.95	.35	.35			
TILE SETTERS' HELPERS	6.04	.25				
WELDERS; RIGGERS: Receive rate prescribed for craft performing operation to which welding is incidental.						

PAID HOLIDAYS:
A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

FOOTNOTES:

a. Employer credits 4% basic hourly rate of employee with over 5 years' service, 2% basic hourly rate from 6 months to 5 years' service to Vacation Plan. Six Paid Holidays: A through F.

b. 4% of all gross wages to be placed to the credit of employees with less than one year of service. 6% to employees with more than one year of service

AP-284 P. 5
1-ORE-PEO-1-2-3-c (1-5)

POWER EQUIPMENT OPERATORS

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP I ASSISTANT CONVEYOR; Oiler, including plant and crusher; Crusher Feederman; Deckhand; Self-propelled Scaffolding; Guard Rail Punch Oiler; Pump under 4" Brakeman Switchman; Parts Man (Tool Room)	$6.40	.45	.60	.25		
GROUP II BLADE, PULLED TYPE; Truck Crane Oiler-driver, 25 ton capacity or over; Fireman, all equipment; A-Frame Truck, single drum; Tugger or Coffin type Hoist, any power; Drill Helper; Auger Oiler; Boatman; Forklift or Lumber Stacker; Temporary Heating Plant; Grade Oiler, required to check grade; Grade Checker; Tar Pot Fireman; Tar Pot Fireman (power agitated); H. D. Repairman Helper; Welder's Helper; Fireman Helicopter Radio-man (ground); Roller, Rock	6.54	.45	.60	.25		
GROUP III PLANT FIREMAN; Pugmill; Truck Mounted Asphalt Spreader, with screed; Compressor, any power, under 1,000 cu. ft. total capacity; Mixer Box Concrete Plant; Concrete Conveyor; Cement Hog; Concrete Saw, self-propelled unit; Wire Mat Machine or Booming Machine; Concrete Curing Machine, self-propelled; Bucket Elevator Loader, Barber Greene and similar type; Hydraulic Pipe Press; Pump any power, 4' and over; Hydrostatic Pump; Motorman; Ballast Jack Tamper; Bell Boy, phones, etc.; Tamping Machine, mechanical self-propelled; Hydrographic Seeder Machine, straw, pump or seed; Broom Operator, self-propelled; Air Filtration Equipment; Welding Machine	6.64	.45	.60	.25		
GROUP IV SCREED; Compactor, including vibratory; Compressor, over 1,000 cu. ft. total capacity; Concrete Mixer, single drum, under 5 bag capacity;						

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1-ORE-PEO-1-2-3-c (2-5)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP IV (Cont'd) Concrete Cooling Machine; Combination Mixer and Compressor, Gunnite work; Helicopter Hoist; Fork Lift, over 5 tons; Lull Hi-lift or similar type, 20 ft. or over; Service Oiler (Greaser); Hydra Hammer or similar types; Pavement Breaker; Pump, more than 3, any size; Locomotive, under 40 tons; Roller, Oiling, CTB	$6.80	.45	.60	.25		
GROUP V CURB MACHINE, MECHANICAL BERM, CURB AND/OR CURB AND GUTTER: Wagner Pactor or similar type (without blade); Batch Plant Material Control; Power Jumbo, setting slip forms, etc. in tunnels; Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Hoist, single drum; Elevator, Diesel, Gas, Engineer; Chip Spreading Machine; Lime Spreading Sweeper (Wayne Type) self-propelled; Tractor, rubber-tired 50 H. P. Flywheel and under; Trenching Machine, maximum digging capacity 3 ft. depth	6.82	.45	.60	.25		
GROUP VI ASPHALT PLANT; Asphalt Paver; Maginnis, internal full slab vibrator; Concrete finishing Machine, Clary, Johnson, Bidwell, Burgess, bridge deck or similar type; Curb Machine, Mechanical Berm, Curb and/or Curb and Gutter; Concrete Joint Machine; Concrete Planer; Cast in place pipe laying machine; Concrete Paving Machine; Concrete Spreader; Loaders, Rubber-tired type, 2 1/2 cu. yds. and under; Rock Spreader, self-propelled	6.90	.45	.60	.25		
GROUP VII ROLLER, ASPHALT; Concrete Mixer, single drum, 5 bag capacity and over; Beltcrete; Pumpcrete; Cement pump, Fuller-Kenyon and similar; Grouting Machine; Concrete Pump;						

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1-ORE-PEO-1-2-3-c (3-5)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP VII (Cont'd) Tower Mobile; A-Frame Truck, double drums; Boom Truck; Churn Drill and Earth Boring Machine; Hydraulic Backhoe, wheel type 3/8 cu. yds. and under with or without front end attachments 2 1/2 cu. yds. and under (Ford, John Deere, Case type); Elevating Grader, Tractor and towed requiring operator or grader; Pot Rammer; Ballast Regulator; Ballast Tamper Multi-Purpose; Track Liner; Tie Spacer, Shuttle Car; Locomotive, 40 tons and over	$6.96	.45	.60	.25		
GROUP VIII DIESEL-ELECTRIC ENGINEER, PLANT OR FLOATING; Batch Plant and/or wet mix, one and two drums; Generator; Diesel-Electric Engineer; Belt Loaders, Kolman and Ko Cal types	7.06	.45	.60	.25		
GROUP IX BULLDOZER; Drill Cat; Side-Boom Cat; Compactor, with blade; Chicago Boom and similar types; Lift Slab Machine; Boom Type lifting device, 5 tons capacity or less; Cherry picker or similar type crane-hoist 5 ton capacity or less; Grizzley; Crusher Plant; Boring Machine; Surface Heater & Planer; Hydraulic Backhoe, truck type 3/8 cu. yds. Loader, front end and overhead 2 1/2 cu. yds. and under 4 cu. yds.; Pipe Cleaning Machine; Pipe Doping Machine; Pipe Bending Machine; Pipe Wrapping Machine; Bolt Threading Machine; Drill Doctor; including bit grinder; H.D. Mechanic; H.D. Welder; Machine Tool Operator; Stationary Drag Scraper; Tractor Rubber-tired over 50 H.P. Flywheel; Tractor, Rubber tired with boom attachments; Trenching Machine maximum digging capacity over 3 ft. depth	7.12	.45	.60	.25		
GROUP X BULLDOZER, TWIN-ENGINE (TC 12 and similar type); Cable-Plow; Compactor,						

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1-ORE-PEO-1-2-3-c (4-5)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP X (Cont'd) Multi-engine; Driller-Percussion, Diamond, Core, Cable, Rotary and similar types Jack Operator Elevating Barges; Barge Operator, self-unloading; Combination H.D. Mechanic-Welder; Welder-Certified; Rubber tired Dozers & Pushers (Michigan, Cat, Hough type)	$7.18	.45	.60	.25		
GROUP XI MIXER MOBILE: Crane, 25 tons and under; Shovel, Dragline; Clamshell, Hoe, etc., under 1 cu. yd.; Gradeall, under 1 cu. yd.; Mucking Machine	7.20	.45	.60	.25		
GROUP XII BLADE; Batch Plant and/or wet mix, 3 units or more; Hoist, 2 drum; Hoist, 3 or more drums; Elevating Loader, Athey and similar types; Piledriver (not crane type); Rubber-tired Scraper, single engine, single scraper; Scraper-Self-Loading, paddle wheel ladder type; Rubber-tired Scraper, twin engine; Rubber-tired Scraper, with push-pull attachments; Blade Mounted Spreaders, Ulrich and similar types; Shield Operator	7.26	.45	.60	.25		
GROUP XIII BLADE, FINISH (Working with either red or blue tops); Blade, Electronically controlled by wire or laser beams; Blade, Multi-engine; Concrete Paving and Road Mixer; Bridge Crane, Locomotive, Gantry, Overhead; Derrick, under 100 tons; Hoist, Stiff leg, Guy Derrick or similar type 50 tons and over; Cableway, up to 25 tons; Crane, over 25 tons and including 40 tons; Tower Crane; Piledriver (not crane type); Floating Clamshell, etc., under 3 cu. yds.; Floating Crane (Derrick Barge), less than 30 tons; Hydraulic Backhoe, truck type over 3/8 cu. yds., Elevating Grader, operated by tractor, Sierra, Euclid or similar types; Back-Filling Machine; Shovel, etc., 1 cu. yd., but less than 3 cu. yds.; Gradeall, 1 cu. yd., and over; Back Filling Machine	7.34	.45	.60	.25		

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1-ORE-PBO-1-2-3-c (5-5)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP XIV RUBBER-TIRED SCRAPER WITH TANDEM SCRAPER	$7.50	.45	.60	.25		
GROUP XV ROCK HOUND; Loader, 4 cu. yds. but less than 6 cu. yds.	7.66	.45	.60	.25		
GROUP XVI AUTO GRADER (i.e. CMD) or TRIMMER; Tandem Bulldozer, Quad-nine and similar type; Automatic Concrete Slip Form Paver; Concrete Canal Liner; Cableway, 25 tons and over; Crane, over 40 tons and including 100 tons; Whirley, 80 tons and under; Floating Clamshell, etc., 3 cu. yds. and over; Floating Crane (Derrick Barge), 30 tons but less than 80 tons; Loader, 6 cu. yds., but less than 8 cu. yds., Loader 8 cu. yds., but less than 12 cu. yds.; Rubber-tired Scraper, with Tandem Scrapers, Multi-engine; Shovel, etc., 3 cu. yds. but less than 5 cu. yds.; Wheel Excavator, under 750 cu. yds. per hour	7.84	.45	.60	.25		
GROUP XVII CRANE, Over 100 tons and including 200 tons; Whirley over 80 tons and including 150 tons; Floating Crane (Derrick Barge), 80 tons but less than 150 tons; Loader, 12 cu. yds. and over; Shovel, etc., 5 cu. yds. and over; Canal Trimmer	7.98	.45	.60	.25		
GROUP XVIII CRANE, over 200 tons; Whirley, 150 tons and over; Floating Crane 150 tons but less than 250 tons; Wheel Excavator, over 750 cu. yds. per hour; Band Wagons, in conjunction with wheel excavator	8.16	.45	.60	.25		
GROUP XVIV HELICOPTER; When used in erecting work; Floating Crane 250 tons and over; Remote controlled earth moving equipment (no one operator shall operate more than two pieces of moving equipment at one time); Underwater Equipment, remote or otherwise	8.30	.45	.60	.25		

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1-ORE-LAB-1-2-3-d (1-2)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
LABORERS						
GROUP I Asphalt plant laborers; Asphalt spreaders; Batch weighman; Broomers; Brush burner & cutters; Car & truck loaders; Carpenter tender; Change-House man or dry shack men; Choker setters; Cleam up laborers; Concrete laborers; Crusher feeders; Culvert, hand labor; Curing, concrete; Demolition, wrecking, & moving laborers; Driller helpers; Dumpers, Road oiling crew; Dumpmen (for grading crew); Elevator feeders; Fence builder (incl. Guard rail, Median rail, Reference post, Guide post, Right-of-way marker); Fine graders; Form strippers (not swinging stages); General laborers; Landscaping or planting laborers; Leverman on aggregate spreader (Flaherty & similar types); Loading spotters; Material yard man (incl. electrical); Pittsburgh chipper operator or similar types; Powderman helper; Railroad track laborers; Ribbon setters (incl. steel forms); Rip Rap man (hand placed); Road pump tender; Sewer labor; Skipmen; Signalman; Slopers; Spraymen; Stake chaser-Stake setter-Grade checker; Stockpiler; Timber faller & bucker (hand labor); Toolroom man (at job site) Tunnel bull gang (above ground); Weigh man-crusher aggregate (when used)	$5.60	.45	.50	.25	.02	

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LABORERS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments: H & W	Pensions	Vacation	App. Tr.	Others
GROUP II						
Applicator (incl. pot tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Burners; Choker splicer; Clary power spreader & similar types; Clean-up nozzleman; Greencutter (Concrete rock, etc.); Concrete power buggyman; Demolition & wrecking charred materials; Gunite nozzleman tender; Gunite or sand blasting pot tender; Handlers or mixers of all materials of an irritating nature (incl. cement & lime); Manhole builder; Powertool op., incls. but not limited to: Chipping Guns; Jackhammer, Paving breakers, Post hole digger, Air, Gas, or Electric, Tampers, Vibrating screed, Vibrators (less than 4" in diameter); Ribbon setter, head; Rip rap man (head), Hand placed; Sand blasting (wet); Sewer timbermen; Timber buckers & fallers, Brush cutters (power saw); Tunnel-Muckers, Brakemen, Concrete crew, Bull gang (underground)	$5.75	.45	.50	.25	.02	
GROUP III						
Asphalt rakers; Bid grinder; Concrete saw op.; Drill doctor, Drill operator, Air tracks, Cat drills, Wagon drills, Rubber-mounted drills, & other similar types: Gunite nozzleman; High scalers, stiprrers & drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual or normal drilling, blasting, barring-down, or sloping & stripping); Powderman; Power saw ops.(Bucking & falling merchantable logs); Pumpcrete nozzlemen; Sand blasting (Dry); Sewer pipe layers; Track liners, Anchor machines, Ballast regulators, Multiple tampers, Power jacks; Tugger op.; Tunnel--Chuck tenders, Nipper & Timbermen; Vibrators (4" & larger); Water blaster	5.90	.45	.50	.25	.02	
GROUP IV						
Tunnel miners; Tunnel powderman	6.05	.45	.50	.25	.02	

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TRUCK DRIVERS	Basic Hourly Rates	Fringe Benefits Payments: H & W	Pensions	Vacation	App. Tr.	Other
Battery rebuilders; bus or man-haul drivers; Concrete buggies (power operated); Dump trucks, side, end & bottom dumps, incl. semi-trucks & trains or combin. thereof: 6 cu. yds. & under; Lift jitneys, fork lifts (all sizes used in loading, unloading & transporting material on job site); Loader and/or leverman on concrete dry batch plant (manually operated); Pilot car; Solo flat bed & misc. body trucks, 0-10 tons; Truck helper; Truck mechanic helper; Warehouseman (warehouse parts, tool men & parts chaser, checker & receivers); Water wagons (rated capacity); up to 1600 gals.	6.23	.40	.45	.25		
"A" frame or hydra-lift truck w/load bearing surface; Lubrication man, fuel truck driver, tireman, wash rack, steam cleaner or combin.; Team drivers	6.28	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi-trucks & trains or combin. thereof: over 6 cu. yds. incl. 10 cu. yds. ; Slurry truck driver or leverman; Transit mix & dry or wet trucks: 5 cu. yds. & under; Tireman (full-time basis); Water wagons (rated capacity): 1600 to 3000 gals.	6.33	.40	.45	.25		
Flaherty spreader driver or leverman; Low bed equipment, flat bed semi-trailer, truck & trailer or doubles transporting equipment or wet or dry materials; Lumber carrier driver-Straddle carrier (used in loading, unloading and transporting of materials on job site); Oil distributor driver or leverman; Water wagons (rated capacity: 3000 to 5000 gals.	6.38	.40	.45	.25		
Dumpster or similar equipment, all sizes; Transit mix & wet or dry mix trucks; Over 5 cu. yds. & incl. 7 cu. yds.	6.43	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi trucks & trains or combin. thereof: over 10 cu. yds. & incl. 20 cu. yds.; Transit mix & dry or wet mix trucks: over 7cu. yds. & incl. 9 cu. yds.; Truck mechanic--welder--body repairman; Water wagons (rated capacity): 5000 to 7000 gals.	6.53	.40	.45	.25		

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
Dump trucks, side end & bottom dumps, incl. semi-trucks & trains or combin. thereof: over 20 cu. yds. & incl. 30 cu. yds.; Transit mix & wet or dry mix trucks: over 9 cu. yds. & incl. 11 cu. yds.; Water Wagons (Rated capacity); over 7000 gals to 10,000 gals.	6.63	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi trucks & trains or combin. thereof: over 30 cu. yds. & incl. 40 cu. yds.; Transit mix & wet or dry mix trucks: over 11 cu. yds. and incl. 13 cu. yds.; Wager Wagons (rated capacity): over 10,000 gals. to 15,000 glas.	6.73	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi-trucks & trains or combin. thereof: over 40 cu. yds. & incl. 50 cu. yds.; Transit mix and wet or dry mix trucks: over 13 cu. yds. and incl. 15 cu. yds.	6.83	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi-trucks & trains or combin. thereof: over 50 cu. yds. & incl. 60 cu. yds.	7.00	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi-trucks & trains or combin. thereof: over 60 cu. yds. & incl. 70 cu. yds.	7.10	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi truck & trains or combin. thereof: over 70 cu. yds. and incl. 80 cu. yds.	7.20	.40	.45	.25		
Dump trucks, side, end & bottom dump, including semi trucks & trains or combin. thereof: over 80 cu. yds. & incl. 90 cu. yds.	7.30	.40	.45	.25		
Dump trucks, side, end & bottom dump, incl. semi-trucks and trains or combin. thereof: over 90 cu. yds. & incl. 100 cu. yds.	7.40	.40	.45	.25		

Drivers and Helpers (handling sacked cement add $.15 per hour).
Winch truck - takes classification of truck on which winch is mounted.

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
Dredging:						
Dipper Leverman:						
(a) 5 yards and under	$7.89	.45	.60	.25		
(b) Over 5 yards	8.44	.45	.60	.25		
Leverman, Hydraulic	7.20	.45	.60	.25		
Assistant Engineer (Electric Generator Operator for Primary Pump; Power Barge or Dredge)	7.18	.45	.60	.25		
Assistant Engineer (Electric, Diesel, Steam or Booster Pump); Mates and Boatmen	7.13	.45	.60	.25		
Engineer Welder; Craneman	7.08	.45	.60	.25		
Fireman; Oiler	6.74	.45	.60	.25		
Assistant Mate (Deckhand)	6.64	.45	.60	.25		

LINE CONSTRUCTION - OREGON d (1-1)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
Cable Splicers Leadman Pole Sprayer	$ 8.60	.25	1%		1/2%	
Lineman; Pole Sprayer; Heavy Line Equipment Man; Certified Lineman Welder	7.76	.25	1%		1/2%	
Tree Trimmer	7.00	.25	1%		1/2%	
Line Equipment Man	6.67	.25	1%		1/2%	
Head Groundman (Chipper); Head Groundman; Powderman; Jackhammer Man	5.82	.25	1%		1/2%	
Groundman; Tree Trimmer Helper	5.49	.25	1%		1/2%	
Hole Digger	5.25	.25	1%		1/2%	

SUPERSEDEAS DECISION

STATE: Washington
COUNTY: Statewide
DECISION No. AP-283
DATE: Date of Publication
Supersedes Decision Number AP-263 dated March 9, 1973 in FR 6630
DESCRIPTION OF WORK: Building construction (excluding single family homes and garden type apartments, up to and including 4 stories), heavy and highway construction and dredging.

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
ASBESTOS WORKERS						
Chelan, Clallam, Douglas, Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Lewis, Mason, Okanogan, Pacific (northern part), Pierce, San Juan, Skagit, Snohomish, Thurston, Whatcom and Yakima Counties	8.27	.25	.30			
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania & Wahkiakum Counties	7.85	.35	.60		.06	
Remaining Counties	8.15	.25	.37			
BOILERMAKERS	7.45	.60	1.00	.50	.02	
BRICKLAYERS						
Chelan, Douglas & Okanogan (Except area of Grand Coulee Dam)	7.05	.35				
Kittitas and Yakima Counties	7.00	.35	.40			
Clallam, Island, Jefferson, King, Kitsap, Snohomish & Skagit (south of the Cities of Burlington, Sedro-Woolley & Concrete) Counties	7.78	.40	.35		.02	
Grays Harbor County	6.50		.35			
Pierce County	7.99	.35	.35		.02	
Lewis, Mason & Thurston Counties	6.70	.35	.30			
San Juan, Skagit (including Cities of Burlington, Sedro-Woolley, Concrete and north thereof), & Whatcom Counties	7.75	.40	.45			
Adams (except City of Othello), Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens & Whitman Counties; Grand Coulee Dam area in Okanogan County	8.15	.30				
City of Othello in Adams County, Benton, Franklin, Grant & Walla Walla Counties	7.85	.30				
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania & Wahkiakum Counties	7.40	.35	.35		.02	
CARPENTERS						
All Counties and parts of counties east of the 120th Meridian						
Carpenters	7.04	.50	.45		.025	
Piledriver; Floor Layers; Floor Finishers; Floor Sanders; Saw Filers; Stationary Power Woodworking Tool Operator	7.19	.50	.45		.025	
Shingler (wood or composition)	7.24	.50	.45		.025	
Millwrights; Boom Men; Machine Erector; Carpenters (creosoted material)	7.29	.50	.45		.025	
Piledriver (creosoted material)	7.44	.50	.45		.025	

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
CARPENTERS (Cont'd)						
All Counties and parts of Counties west of the 120th Meridian except Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties						
Carpenters	7.00	.50	.50		.01	
Carpenters on creosoted material	7.10	.50	.50		.01	
Sawfilers; Stationary Power Saw; Floor Finisher; Floor Layer; Shingles; Floor Sander; & other Stationary Power Woodworking tools	7.13	.50	.50		.01	
Millwrights and Machine Erectors; Piledrivers; Bridge, Dock & Wharf Builders	7.15	.50	.50		.01	
Acoustical Workers	7.16	.50	.50		.01	
Boommen	7.20	.50	.50		.01	
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties						
Carpenters; Form Stripper; Manhole Builders; Acoustical & Drywall Applicators	6.78	.55	.40	.35	.03	
Piledrivermen, Bridge, Dock & Wharf Builders	6.88	.55	.40	.35	.03	
Floor Layers; Floor Finishers; Stationary Power Saw Operator	6.91	.55	.40	.35	.03	
Boomman	6.98	.55	.40	.35	.03	
Millwrights; Machine Erectors	7.03	.55	.40	.35	.03	
CEMENT MASONS						
Lewis, Pierce, Thurston and the City of Auburn in King County	6.70	.40	.50		.02	
King (except the City of Auburn), portion of Kittitas County lying one mile west of the City of Easton, Clallam, Grays Harbor, Island, Jefferson, Kitsap, Mason, San Juan, Skagit, Snohomish, Whatcom & Pacific (northern part) Counties	6.79	.55	.50			
Adams, Asotin, Benton, Chelan, Columbia, Douglas, Ferry, Franklin, Garfield, Grant, Lincoln, Okanogan, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman, Yakima & Kittitas (except for western portion lying one mile west of City of Easton) Counties	6.90	.40	.40		.02	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
CEMENT MASONS (Cont'd)						
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties	6.81	.35	.35		.01	
ELECTRICIANS						
Clallam, Jefferson, King & Kitsap Counties						
Electricians	8.045	.14	1%		.02	
Cable Splicers	8.81	.14	1%		.02	
Grays Harbor, Lewis, Mason, Pierce, Pacific & Thurston Counties						
Electricians	7.66	.35	1% + .40	4%	.04	
Cable Splicers	8.38	.35	1% + .40	4%	.04	
Island, San Juan, Skagit, Snohomish & Whatcom Counties						
Electricians	8.445	.25	1%		.01	
Cable Splicers	9.29	.25	1%		.01	
Chelan, Douglas, Grant & Okanogan Counties						
Electricians	7.93	.35	1%		.02	
Cable Splicers	8.33	.35	1%		.02	
Asotin, Benton, Columbia, Franklin, Garfield, Kittitas, Walla Walla & Yakima Counties						
Electricians	7.93	.35	1%		.02	
Cable Splicers	8.33	.35	1%		.02	
Clark, Klickitat and Skamania Cos.						
Electricians	7.75	.25	1% + .30		.02	
Cable Splicers	8.35	.25	1% + .30		.02	
Cowlitz and Wahkiakum Counties						
Electricians	8.13	.25	1%		.02	
Cable Splicers	8.94	.25	1%		.02	
Adams, Ferry, Lincoln, Pend Oreille, Spokane, Stevens & Whitman Counties						
Electricians	7.93	.35	1%		.02	
Cable Splicers	8.33	.35	1%		.02	
ELEVATOR CONSTRUCTORS						
Chelan, Clallam, Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Lewis, Mason, Pacific (northern part), Pierce, San Juan, Skagit, Snohomish, Thurston, Whatcom, and Yakima Counties						
Elevator Constructors	7.965	.345	.23	2% + a		
Elevator Constructors' Helpers	70%JR	.345	.23	2% + a		
Elevator Constructors' Helpers (Prob.)	50%JR					

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
ELEVATOR CONSTRUCTORS (Cont'd)						
Adams, Asotin, Benton, Columbia, Douglas, Ferry, Franklin, Garfield, Grant, Lincoln, Okanogan, Pend Oreille, Spokane, Stevens, Walla Walla and Whitman Counties						
Elevator Constructors	7.66	.345	.23	2% + a		
Elevator Constructors' Helpers	70%JR	.345	.23	2% + a		
Elevator Constructors' Helpers (Prob.)	50%JR					
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties						
Elevator Constructors	7.12	.345	.23	2% + a		
Elevator Constructors' Helpers	70%JR	.345	.23	2% + a		
Elevator Constructors' Helpers (Prob.)	50%JR					
IRONWORKERS						
Statewide except Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties						
Reinforcing; Structural; Fence Erectors; Ornamental; Riggers and Signalmen	7.56	.48	.65		.05	
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties						
Reinforcing; Structural; Fence Erectors; Ornamental; Riggers; Signal Men	7.31	.48	.65	.25	.05	
GLAZIERS						
Island, King, Kitsap, Pacific (northern part), Snohomish, Clallam, Grays Harbor, Jefferson, Lewis, Mason, Pierce, San Juan, Skagit, Thurston & Whatcom Counties	6.85	.22	.35	b		
Clark, Cowlitz, Klickitat, Pacific (southern part) Skamania and Wahkiakum Counties	6.82	.26	.20	4%	.01	
LATHERS						
Clallam, Island, Jefferson, King, Kitsap, Pacific (northern part), San Juan, Skagit, Snohomish & Whatcom Counties	7.30	.40				
Adams, Asotin, Benton, Chelan, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Okanogan, Pend Oreille, Spokane, Stevens, Walla Walla and Whitman Counties	7.00	.40				

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
LATHERS (Cont'd)						
Clark, Cowlitz, Klickitat, Pacific, (southern part), Skamania and Wahkiakum Counties	6.60	.15			.01	
MARBLE MASONS						
Adams (except city of Othello), Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens and Whitman Counties	8.15	.30				
City of Othello in Adams County, Benton, Franklin, Grant and Walla Walla Counties	7.85	.30				
MARBLE MASONS						
Chelan, Douglas & Okanogan (except area of Grand Coulee Dam)	7.05	.35				
Clallam, Island, Jefferson, King, Kitsap, Snohomish & Skagit (south of the Cities of Burlington, Sedro-Woolley and Concrete) Counties	7.78	.40	.35		.02	
Grays Harbor, Pierce & Pacific (northern part) Counties	7.63	.40	.30		.02	
Lewis, Mason and Thurston Counties	6.70	.35	.30			
San Juan, Skagit (including the Cities of Burlington, Sedro-Woolley, Concrete & north thereof) & Whatcom Counties	7.50	.35	.25			
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties	7.40	.35	.35		.02	
MARBLE, TILE AND TERRAZZO WORKERS HELPERS						
All Counties east of the Cascade Mountain Range in Washington	6.20					
Remaining Counties west of the Cascade Mountain Range	6.15	.40				
PAINTERS						
Adams, Asotin, Benton, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla and Whitman Counties						
Brush	6.67	.21	.45		.01	
Drywall Taper	6.92	.21	.45		.01	
Steel; Spray; Sandblasters; Steam Cleaning; Roller over 9" or 10" handle	7.02	.21	.45		.01	
Swing Stage Work or High Rate (over 30')	7.07	.21	.45		.01	
Bitumastics; Bridge; Tanks on legs; Tower; Stacks; Steeples	7.42	.21	.45		.01	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
PAINTERS (Cont'd)						
Chelan, Douglas, Kittitas, Okanogan and Yakima Counties						
Brush	6.29	.21	.35		.01	
Spray; Steel; Roller 9" or 10' handles; Finish Drywall Taper; Steam Cleaning	6.54	.21	.35		.01	
Swing Stage over 30' high	6.64	.21	.35		.01	
Bitumastic; Bridges; Towers; Tanks on legs; Steeples; Stacks; Sand Blasting	6.69	.21	.35		.01	
Clallam County						
Brush	5.68					
Tapers	5.78					
Spray; Structural Steel	5.88					
Grays Harbor, Island, Jefferson, King, Kitsap, Lewis, Mason, Pierce, San Juan, Skagit, Snohomish, Thurston, Pacific (northern part) and Whatcom Counties						
Brush; Tapers	6.92	.40	.27		.02	
Spray; Structural Steel; Bridge; Sandblasting; Stacks; Steam Cleaning; Steeples; Swing Stage; Tanks on legs; Tower; Toxic material	7.17	.40	.27		.02	
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties						
Brush	6.45	.30	.20	.10	.015	
Spray	6.70	.30	.20	.10	.015	
High Work over 100'	6.95	.30	.20	.10	.015	
High Towers, ground to 100'	6.60	.30	.20	.10	.015	
Drywall Tapers	6.10	.32	.15	.50	.015	
PLASTERERS						
Clallam, Island, Jefferson, King (except the City of Kent), Kitsap, Skagit, San Juan, Snohomish, & Pacific (northern part) Counties	7.51	.30	.25		.02	
Chelan, Douglas, Kittitas, Okanogan and Yakima Counties	6.80	.40				
Grays Harbor, King (City of Kent), Lewis, Mason, Pierce and Thurston Counties	6.75	.40	.25		.02	
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties	6.95	.45	.45		.01	

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
PLASTERERS (Cont'd)						
Adams, Asotin, Benton, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla and Whitman Counties	7.50	.40				
PLASTERERS' TENDERS						
Adams, Asotin, Benton, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, walla Walla and Whitman Counties	5.25	.25	.25		.02	
PLUMBERS						
Statewide (except Clallam, Clark, Jefferson & King Cos., and Chelan, Douglas and Okanogan Cos. west of the 119°, 30 Min., and Kittitas County north of the 47°, 15 Min. Latitude)	7.52	.26	.85	.47	.08	
Clark County	7.36	.59	.66		.07	
Clallam, Jefferson & King Counties and Chelan, Douglas and Okanogan Counties west of the 119°, 30 min., and Kittitas County north of the 47°, 15 min. latitude	7.59	.47	.85	.60	.06	
ROOFERS						
Kittitas, Franklin, Columbia, Klickitat, Garfield and Yakima Cos.						
Roofers; Kettlemen	6.15	.20				
Irritable Bituminous Material; Spray (hot)	6.80	.20				
Adams, Chelan, Douglas, Ferry, Grant, Lincoln, Okanogan, Pend Oreille, Spokane, Stevens & Whitman Counties	6.20	.30	.15	.50		
Asotin and Garfield Counties	6.65					
Cowlitz, Northern part of Pacific, and Wahkiakum Counties						
Roofers; Kettlemen; Waterproofers	6.68	.20	.20			
Slate and Tile	6.93	.20	.20			
Clark, Southern part of Pacific and Skamania Counties						
Roofers	6.95	.45	.46			
Handling of irritating material (coal tar or expoxy)	7.45	.45	.46			
In confined areas and handling of irritating materials (coal tar or expoxy)	7.70	.45	.46			

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
ROOFERS (Cont'd)						
Callam, Grays Harbor, Island, Jefferson, King, Kitsap, Lewis, Mason, Pierce, San Juan, Skagit, Snohomish, Thurston and Whatcom Counties						
Roofers; Kettlemen; Waterproofers	$ 7.10	.20	.20			
SHEET METAL WORKERS						
King County	8.47	.27	.30		.04	
Island and Snohomish Counties	7.90	.32	.40	.42	.03	
Benton, Franklin, Kittitas, Klickitat and Yakima Counties	7.65	.32	.50	.50		
Adams, Asotin, Chelan, Douglas, Grant, Ferry, Lincoln, Pend Oreille, Okanogan, Spokane, Stevens & Whitman Counties	7.65	.32	.50	.50		
Walla Walla, Columbia & Garfield Counties	7.65	.32	.50	.50		
Cowlitz, Grays Harbor, Lewis, Pacific (northern part), Pierce, Thurston & Wahkiakum Counties	7.79	.32	.45	.47	.02	
San Juan, Skagit and Whatcom Counties	7.92	.32	.40	.40	.02	
Clark, Pacific (southern part) & Skamania Counties	6.94	.33	.24	.28	.02	
Clallam, Jefferson, Kitsap & Mason Counties	7.97	.32	.40	.35	.04	
SOFT FLOOR LAYERS						
Adams, Asotin, Benton, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla and Whitman Counties	6.42	.21	.25			
Gray Harbor, Mason, Pacific (northern part), Pierce and Thurston Counties	7.59	.36	.45		.03	
King, Kitsap, & Snohomish Counties	7.65	.36	.45		.05	
Clallam, Island, Jefferson, Lewis, San Juan, Skagit and Whatcom Counties	7.03	.30	.45			
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties	6.40	.30	.30	c	.05	
Chelan, Douglas, Kittitas, Okanogan and Yakima Counties	6.42	.16	.25	d		
SPRINKLER FITTERS						
Statewide (except Island, King, Kitsap, Pierce, Skagit, Snohomish and Thurston Counties)	7.95	.25	.40		.04	

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
SPRINKLER FITTERS (Cont'd)						
Island, King, Kitsap, Pierce, Skagit, Snohomish & Thurston Counties	$ 8.75	.30	.50		.06	
TERRAZZO WORKERS						
Clallam, Island, Jefferson, King, Kitsap, Skagit (south of the cities of Burlington, Sedro-Woolley and Concrete) & Snohomish Counties	7.53	.40	.35			
San Juan, Skagit (including cities of Burlington, Sedro-Woolley, Concrete and north thereof) & Whatcom Counties	7.50	.35	.25			
Lewis, Mason & Thurston Counties	6.70	.35	.30			
Grays Harbor, Pierce & Pacific (northern part) Counties	7.63	.40	.30		.02	
Adams (except city of Othello), Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens, Whitman & Grand Coulee Dam Area	8.31	.30				
City of Othello in Adams County, Benton, Franklin, Grant & Walla Walla Counties	7.18	.30				
Chelan, Douglas, Okanogan (except area of Grand Coulee Dam)	7.05	.35				
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties	6.55	.25	.24			
TILE SETTERS						
Clallam, Island, Jefferson, King, Kitsap, Skagit (south of the cities of Burlington, Sedro-Woolley and Concrete) & Snohomish Counties	7.60	.40	.35		.04	
San Juan, Skagit (including cities of Burlington, Sedro-Woolley, Concrete and north thereof) & Whatcom Counties	7.50	.35	.25			
Lewis, Mason & Thurston Counties	6.70	.35	.30			
Grays Harbor, Pierce & Pacific (northern part) Counties	7.63	.40	.30		.02	
Adams (except city of Othello), Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens, Whitman & Grand Coulee Dam Area	8.21	.30				

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	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
TILE SETTERS (Cont'd)						
City of Othello in Adams County, Benton, Franklin, Grant & Walla Walla Counties	$ 7.18	.30				
Kittitas and Yakima Counties	6.75	.25	.25			
Chelan, Douglas, Okanogan (except area of Grand Coulee Dam)	7.05	.35				
Clark, Cowlitz, Klickitat, Pacific (southern part), Skamania and Wahkiakum Counties	6.55	.25	.24			

WELDERS: Receive rate prescribed for craft performing operation to which welding is incidental.

PAID HOLIDAYS:
A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day.

FOOTNOTES:
a. Employer contributes 4% of basic hourly rate for 5 years' service and 2% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Six Paid Holidays: A through F.
b. Two weeks' vacation with pay after 1 year of employment. Also seven paid Holidays. A through F plus Washington's Birthday.
c. 4% of all gross wages to be placed to the credit of the employee with less than one year's service - 6% of all gross wages to be placed to the credit of the employee with more than one year of service.
d. All employees who have completed 1800 compensable hours of employment with one employer in a year of employment shall receive one week's vacation with full pay; pro-rata vacation shall accrue in accordance with the ratio of hours worked in one year of employment divided by 1800 hours multipled by the one week's full pay.

East of the 120th Meridian

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DREDGING	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
LEVERMAN DIPPER:						
(a) 5 yards and under	$8.29	.45	.45			
(b) Over 5 yards	8.84	.45	.45			
LEVERMAN, HYDRAULIC	7.90	.45	.45			
ASSISTANT ENGINEER (Electric Generator Operator for Primary Pump, Power Barge or Dredge)	7.58	.45	.45			
ENGINEER WELDER; CRANEMAN	7.53	.45	.45			
ASSISTANT ENGINEER (Electric, Diesel, Steam or Booster Pump); Mates and Boatmen	7.48	.45	.45			
FIREMAN; OILER	7.14	.45	.45			
ASSISTANT MATE (Deckhand)	7.04	.45	.45			

West of the 120th Meridian and Pacific County (Northern Part)

DREDGING	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
DIPPER LEVERMAN:						
(a) Over 5 yards	$8.64	.45	.65			
(b) 5 yards and under	8.09	.45	.65			
HYDRAULIC LEVERMAN	7.70	.45	.65			
ASSISTANT ENGINEER (Electric, Generator Operator for Primary Pump, Power Barge or Dredge)	7.38	.45	.65			
ENGINEER WELDER; CRANEMAN	7.33	.45	.65			
ASSISTANT ENGINEER (Electric, Diesel, Steam or Booster Pump); Mates and Boatmen	7.28	.45	.65			
FIREMAN; OILER	6.94	.45	.65			
ASSISTANT MATE (Deckhand)	6.84	.45	.65			

AP-283 P. 12

3-WAS-PEO-(DREDGING)-e (1-1)

Clark, Cowlitz, Klickitat, southern half of Pacific, Skamania and Wahkiakum Counties

DREDGING	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Dipper Leverman:						
(a) 5 yards and under	$7.89	.45	.60	.25		
(b) Over 5 yards	8.44	.45	.60	.25		
Leverman, Hydraulic	7.50	.45	.60	.25		
Assistant Engineer (Electric Generator Operator for Primary Pump; Power Barge or Dredge)	7.18	.45	.60	.25		
Assistant Engineer (Electric, Diesel, Steam or Booster Pump); Mates and Boatmen	7.13	.45	.60	.25		
Engineer Welder; Craneman	7.08	.45	.60	.25		
Fireman; Oiler	6.74	.45	.60	.25		
Assistant Mate (Deckhand)	5.64	.45	.60	.25		

LINE CONSTRUCTION - WASHINGTON - e (1-1)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Cable Splicers Leadman Pole Sprayer	$8.60	.25	1%		½%	
Lineman; Pole Sprayer; Heavy Line Equipment Man; Certified Lineman Welder	7.76	.25	1%		½%	
Tree Trimmer	7.00	.25	1%		½%	
Line Equipment Man	6.67	.25	1%		½%	
Head Groundman (Chipper); Head Groundman; Powderman; Jackhammer Man	5.82	.25	1%		½%	
Groundman; Tree Trimmer Helper	5.49	.25	1%		½%	
Hole Digger	5.25	.25	1%		½%	

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AF-283 P. 13
1-WAS-LAB-1-2-3 (1-2)

All Counties and parts of Counties East of the 120th Meridian

LABORERS	Basic Hourly Rates	Fringe Benefits Payments: H & W	Pensions	Vacation	App. Tr.	Others
Group I Carpenters tender; Concrete crewman; Concrete signalman; Crusher feeder; Demolition; Driller helper, Dumpman; Fence erector; General laborer; Grout machine header tender; Nipper; Riprap man; Scaleman; Stake jumper; Structural mover; Tailhoseman (water nozzle); Track laborer (RR); Truck loader; Timber bucker and faller; Window cleaner; Brush Hog Feeder	$5.50	.35	.55		.02	
Group II Cement finisher tender; Cement handler; Demolition torch; Dope pot fireman, nonmechanical; Form cleaning machine, feeder, stacker; Form setter, paving; Grade checker using level, optional; Nozzleman, water & air or steam; Pipe layer, currugated metal culvert; Pipe wrapper; Pot tender; Powderman helper; Power tool op.; gas, electric, pneumatic Railroad equipment, power driven; Rodder & spreader; Sandblast tailhoseman; Scaffold erector, wood or steel; Vibrator up to 4"; Wallpoint man; Wheelbarrow, power driven	5.65	.35	.55		.02	
Group III Asphalt raker; Asphalt roller, walking; Chain saw op. w/attachments; Concrete saw, walking; Creosote material; High scaler; Jackhammer op.; Multi-section pipelayer; Nozzleman; Pavement breaker; Tamper; Trencher; shawnee; Vibrator, 4" & over; Wagon drills; Water pipe liner	5.75	.35	.55		.02	
Group IV Chain Saw (faller); Pipelayer (Caulker, collarman, jointer, mortarman, rigger, jacker, shorer & lagger and laser beam but not incl. laying corrugated metal culvert pipe)	5.80	.35	.55		.02	
Group V Concrete stack, Hod carriers; Mortar mixer; Vibrator, 4 inches and over	5.85	.35	.55		.02	

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1- WAS-Lab-1-2-3 (2-2)

Laborers (cont'd):	Basic Hourly Rates	Fringe Benefits Payments: H & W	Pensions	Vacation	App. Tr.	Others
GROUP VI Caisson worker, free air; High Scaler	$5.90	.35	.55		.02	
GROUP VII Brush machine; Drills, Gunnite; Monitor op., Air Track or similar mounting; Nozzleman	5.95	.35	.55		.02	
GROUP VIII Air track drills with dual masts and drills; Powderman	6.15	.35	.55		.02	
TUNNEL & SHAFT, FREE AIR						
GROUP IX Class A: Bull gang, pump crete crewman incl. distributing pipe, assembling & dismantle and nipper	5.55	.35	.55		.02	
Class B: Brakeman, dumpman	5.60	.35	.55		.02	
Class C: Minor & nozzleman for concrete and laser beam op. on tunnels	6.00	.35	.55		.02	
Class D: Raise & shaft miner and laser beam op. on raises and shafts	6.05	.35	.55		.02	
GROUP X Sand Hogs (Under compressed air conditions):						
1 lb thru 14 lbs - 6 hrs. work	56.40	.35	.55		.02	
Over 14 lbs thru 18 lbs - 6 hrs. work	59.10	.35	.55		.02	
Over 18 lbs thru 22 lbs - 4 hrs. work	59.10	.35	.55		.02	
Over 18 lbs thru 22 lbs - 6 hrs. work	79.35	.35	.55		.02	
Over 22 lbs thru 26 lbs - 4 hrs. work	63.30	.35	.55		.02	
Over 26 lbs thru 32 lbs - 4 hrs. work	65.70	.35	.55		.02	
Over 32 lbs thru 38 lbs - 3 hrs. work	68.40	.35	.55		.02	
Over 38 lbs thru 44 lbs - 2 hrs. work	69.70	.35	.55		.02	
Outside lock & guage tender(per shift)	46.80	.35	.55		.02	

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4-WAS-LAB 1-2-3 (1-1)

Chelan, Douglas, Kittitas, Okanogan and Yakima Cos. West of the 120th Meridian

LABORERS	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTH
General Labor; Carpenter Tender; Form Stripper; Rip Rap Man; Track Laborer; Stake Hopper; Choke Setter; Fence Laborer	$5.20	.50	.60		.03	
Air Track & Wagon Drill Helper; Crusher Feeder; Dump & Stock Pile Man; Powder Man Helper; Sloper, Over 20 feet	5.30	.50	.60		.03	
Power Buggy; Drill Chipper; Grinder and similar light power tools; Faller and bucker (Hand); Grout Man (Power)	5.35	.50	.60		.03	
Asphalt Raker & Spreader; Cement Handler; Sack of Bulk; Dope Pot Tender; House Wreckers; Jackhammer; Pavement Breaker; Tamper Vibrator; Track Spike Puller; Concrete Saw and similar heavy power tools; Nozzleman (Air & Water)	5.40	.50	.60		.03	
Formsetter; Steel Forms; Grade Checker; Swinging Stage or Bosun Chair over water or over 25 feet in height	5.45	.50	.60		.03	
Air Track & Wagon Drill Operator; Chain Saw Operator; Gunite Man; High Scaler; Pipe Layer & Caulker; Pipe Wrapper; Sand Blaster; Timber Man; Open Ditch; Mortar Man & Hod Carrier	5.50	.50	.60		.03	
Faller & Bucker (Chain Saw); Powder Man	5.55	.50	.60		.03	
Caisson Workers; Free Air	5.60	.50	.60		.03	
TUNNEL SHAFTS, FREE AIR						
Topman & Bull Gang	5.30	.50	.60		.03	
Chuck Tender; Mucker & Laborer; Nipper; Brakeman	5.35	.50	.60		.03	
Powder Man Helper	5.45	.50	.60		.03	
Miner (including Monolithic Worker); Re-Timberman; Maintenance Man; Spader	5.55	.50	.60		.03	
Miner; Shaft & Raise	5.65	.50	.60		.03	
Powder Man	5.70	.50	.60		.03	

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2-WAS-LAB-1-2-3-c (1-2)

Remaining Counties West of the 120th Meridian including northern part of Pacific County.

LABORERS:	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP I General Laborer; Nipper; Truck Spotter; Pitman; Brush Cutter; Choker Setter; Concrete & Monolithic Laborer; Pot Tender; Asphalt Laborer; Ditch Digger; Drierman; Concrete Form Stripper; Carpenter Helper; Track Laborer; Well-Point and Header Laborer	$5.45	.50	.60		.03	
GROUP II Dumpman; Faller & Bucker: Hand, Powderman's Helper; Sloper (over 20'); Wagon Driller & Air Trac Helper	5.55	.50	.60		.03	
GROUP III Groutman (pressure); Power Tools-Light Duty Chippers; Grinders; Tampers; and Similar Electric and Air Operated Tools; Swinging Scaffold or Boatswain Chair over water or over 25' in height	5.60	.50	.60		.03	
GROUP IV Concrete Saw Operator; Pipe Pot Tenderer; Power Wheel Barrow or Buggy; Power Tools Heavy Duty Jackhammer; Pavement Breaker; Vibrators; Tampers (multiple & self-propelled); Rail-road Spike Puller; Rakers - Asphalt	5.65	.50	.60		.03	
GROUP V Form Setter (steel forms); Grademan and Stake Hopper; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete & rock, sandblast, gunnite shot-crete)	5.70	.50	.60		.03	
GROUP VI Faller and bucker: Chain Saw; High Scaler; Mortarman & Hod Carrier; Pipe Layer and Caulker; Pipe Wrapper; Timberman - Sewer; Wagon Driller and Airtrac	5.75	.50	.60		.03	
GROUP VII Cement Dumper - Paving; Powderman	5.80	.50	.60		.03	

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3-WAS-LAB-1-2-3-c (2-2)

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oths
LABORERS: (Cont'd)						
GROUP VIII Tunnel Work Topman and Bull Gang	$5.50	.50	.60		.03	
GROUP IX Chuck Tender; Muck and Laborer; Nipper; Brakeman	5.55	.50	.60		.03	
GROUP X Powderman' Helper	5.65	.50	.60		.03	
GROUP XI Miner (Including monolithic work); Spader; Re-Timberman; Maintenance Man	5.75	.50	.60		.03	
GROUP XII Miner, Shaft and raise	5.80	.50	.60		.03	
GROUP XIII Powderman	5.90	.50	.60		.03	
GROUP XIV 1 lb. thru 14 lbs. (6 hrs.)	52.00	.50	.60		.03	
Over 14 lbs. thru 18 lbs. (6 hrs), over 18 lbs. thru 22 lbs. (4 hrs.)	54.70	.50	.60		.03	
Over 18 lbs. thru 22 lbs. (6 hrs.)	74.95	.50	.60		.03	
Over 22 lbs. thru 26 lbs. (4 hrs)	58.90	.50	.60		.03	
Over 26 lbs. thru 32 lbs. (4 hrs.)	61.30	.50	.60		.03	
Over 32 lbs. thru 38 lbs. (3 hrs.)	64.00	.50	.60		.03	
Over 38 lbs. thru 44 lbs. (2 hrs.)	65.30	.50	.60		.03	
Outside lock and gauge tender (per shift)	46.00	.50	.60		.03	

Clark, Cowlitz, Klickitat, Southern part of Pacific, Skamania and Wahkiakum Counties

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3-WAS-LAB-1-2-3-1 (1-2)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
LABORERS GROUP I Asphalt plant laborers; Asphalt spreaders; Batch weighman; Brooners; Brush burners & cutters; Car & truck loaders; Carpenter tender; Change-house man or dry shack men; Choker setters; Clean up laborers; Concrete laborers; Crusher feeders; Culvert, hand labor; Curing, concrete; Demolition, wrecking, & moving laborers; Driller helpers; Dumpers, Road oiling crew; Dumpmen (for grading crew); Elevator feeders; Fence builder (incl. Guard rail, Median rail, Reference post, Guide post, Right-of-way marker); Fine graders; Form strippers (not swinging stages); General laborers; Landscaping or planting laborers; Leverman on aggregate spreader (Flaherty & similar types); Loading spotters; Material yard man (incl. electrical); Pittsburgh chipper operator or similar types; Powderman helper; Railroad track laborers; Ribbon setters (incl. steel forms); Rip Rap man (hand placed); Road pump tender; Sewer labor; Skipmen; Signalmen; Slopers, spraymen; Stake chaser-Stake setter-Grade checker; Stockpiler; Timber faller & Bucker (hand labor); Toolroom man (at job site); Tunnel bull gang (above ground); Weigh man crusher aggregate (when used)	$5.45	.50	.60	.25	.02	
GROUP II Applicator (incl. pot tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Burners; Choker sulicer; Clary power spreader & similar types; Clean-up nozzleman-greencutter (concrete rock, etc.); Concrete power buggyman; Demolition & wrecking charred materials; Gunite nozzleman tender; Gunite or sand blasting pot tender; Handlers or mixers of all materials of an irritating nature (incl. cement & lime); Manhole builder;						

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3-WAS-LAB-1-2-3 (2-2)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHER
Powertool op., incls. but not limited to: Chipping guns, Jackhammer, Paving breakers, Post hole digger, Air, Gas, or Electric, Tampers, Vibrating screed, Vibrators (less than 4" in diameter); Ribbon setter, head; Rip Rap man (head), hand placed; Sand blasting (wet); Sewer timbermen; Timber buckers & Fallers, Brush cutters (power saw); Tunnel-muckers, Brakemen, Concrete crew, Bull gang (underground)	$5.60	.50	.60	.25	.02	
GROUP III						
Asphalt rakers; Bid grinder; Concrete saw op.; Drill doctor; Drill oprs., Air tracks, Cat drills, Wagon drills, Rubber-mounted drills, & other similar types; Gunite nozzleman; High scalers, Strippers & Drillers (covers work in swinging stages, chairs or belts, under extreme conditions usual to normal drilling, blasting, barring-down, or sloping & stripping); Powder-men; Power saw ops. (bucking & falling merchantable logs); Pumpcrete nozzlemen; Sand blasting (dry); Sewer pipe layers; Track liners, Anchor machines, Ballast regulators, Multiple tampers, Power jacks; Tugger op.; Tunnel — Chuck tenders, Nippers, & Timbermen; Vibrators (4" & larger); Water blaster; Welder	5.75	.50	.60	.25	.02	
GROUP IV						
Tunnel miners; Tunnel powderman	5.90	.50	.60	.25	.02	

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1-WAS-PEO-1-2-3-e (1-4)

All Counties & parts of Counties East of the 120th Meridian

POWER EQUIPMENT OPERATORS

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
GROUP I						
Bit Grinders; Bolt Threading Machine; Brakeman; Compressors, under 1000 cu. ft. per minute gas, diesel or electric power; Crusher Feeder (mechanical); Deck Hand; Drillers' Helper; Fireman & Heater Tender; Grade Checker; Helper (Mechanic or Welder, H.D.); Oiler; Pumpman; Rollers, all types on subgrade (farm type, Case, John Deere and similar - or compacting or vibrator) except when pulled by dozer with operable blade; Welding Machines.	$6.55	.50	.65		.025	
GROUP II						
A-Frame Truck (single-drum); Assistant Refrigeration Plant (under 1000 tons); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Batch Plant & Wet Mix Operator, single unit (concrete); Belt Finishing Machine; Bending Machine (pipeline); Blower Operator (cement); Cement Hog; Compressor (1000 cu. ft. or over, 2 or more - gas, diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Dope Pots (power agitated); Equipment Serviceman, Greaser & Oiler; Fork Lift or Lumber Stacker, Hydra Lift & similar; Gin trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable - concrete); Pavement Breaker, Hydra-Hammer & similar); Posthold Auger or Punch; Power Broom; Railroad Ballast Regulation Operator, (self-propelled); Railroad Power Tamper Operator, (self-propelled); Railroad Power Tamper Jack Operator, (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross &						

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1-WAS-PEO-1-2-3-e (2-4)

POWER EQUIPMENT OPERATORS (CONT'D)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP II (CONT'D)						
similar on construction job site); Tractor (farm type R/T with attachments except backhoe); Tugger Operator.	6.85	.50	.65		.025	
GROUP III						
A-Frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 tons); Backfillers (Cleveland & similar); Belt-Crete Conveyors with Power Pack or similar; Belt Loader (Kocal or similar); Blade Operator (Motor Patrol and attachments); Boat Operators; Boom Cats (side); Boring Machine (earth); Boring Machine (rock under 8" bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Cleaning & Doping Machine (pipeline); Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Drills Drills (churn, core, calyx or diamond); Elevating Belt-type Loader (Euclid, Barber Green or similar); Elevating Grader-type Loader (Dumor, Adams, or similar); Generator Plant Engineers (diesel electric); Gunite Combination Mixer & Compressor; Hoist, (2 or more drums or Tower Hoist); Loaders, (overhead & front-end, under 4 yds., R/T); Locomotive Engineer; Mixermobile; Oiler & Cable Tender, Mucking Machine, Paver (asphalt and concrete); Pump (Grout or Jet); Refrigeration Plant Engineer (1000 tons); Rollerman (finishing pavement); Rubber-tired Scrapers (one motor with one scraper, under 40 yds.); Screed Operator; Soil Stabilizer (P & H or similar); Spreader Machine; Tractor (crawler, incl. Dozer, Scraper, Drills, Booms, Rollers, etc.); Traverse Finishing						

AP-283 P. 22
1-WAS-PEO-1-2-3-e (3-4)

POWER EQUIPMENT OPERATORS (CONT'D)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
GROUP III (CONT'D)						
Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead Operator	$7.10	.50	.65		.025	
GROUP IV						
H.D. Mechanic; H.D. Welder; Refrigeration Plant Engineer (1000 tons & over) Semi-automatic Welding Machine.	7.20	.50	.65		.025	
GROUP V						
Asphalt Plant Operator; Crusher & Screening Plant Operator; Rubber-tired Scrapers Multi-Engine Power with one Scraper (Euclid, TS-24 & similar); Rubber-tired Scraper, One Motor with One Scraper (40 yds. & over); Single Engine with two Scrapers (Letourneau, Tandem B & similar); Surface Beater & Planer Machine.	7.25	.50	.65		.025	
GROUP VI						
Automatic Subgrader (ditches & trimmers) (R.A. Hansen & similar); Backhoes (under 3 yds.); Batch & Wet Mix Operator-Multiple Units (2 and incl. 4); Clamshell Operator (under 3 yds.); Concrete Slip Form Paver; Cranes (under 65 tons); Derricks & Stifflegs (under 65 tons); Draglines (under 3 yds.); Drilling Equipment (8" bit and over) (Robbins & similar); Hydra-Cranes (Austin, Western Hydra-Hoe and similar with attachments); Loader Operator (Front End & Overhead 4 yds. to 8 yds.); Mucking Machines; Piledriving Engineers; Paver (dual drum); Quad-track or similar Equipment; Railroad Track Liner Operator (self-propelled); Rubber-tired Scrapers, Multiple						

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1-WAS-PED-1-2-3-e (4-4)

POWER EQUIPMENT OPERATORS (CONT'D)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP VI (CONT'D)						
Engines with two Scrapers; Shovels (under 3 yds.); Signalmen (Whirleys, Highline Hammerheads or similar); Trenching Machines (7 ft. depth and over).	$7.40	.50	.65		.025	
GROUP VII						
Backhoes (3 yds. and over); Batch Plant (over 4 units); Cableway Controller-Dispatcher; Cableway Operators; Clamshell Operator (3 yds. and over); Cranes (65 tons and over); Derricks & Stifflegs (65 tons and over); Draglines (3 yds. and over); Loader - (360 degrees revolving Koehring Scooper or similar); Loaders (overhead and front end over 8 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. and over); Tower Crane; Whirleys and Hammerheads (all).	7.65	.50	.65		.025	

Underground Work - Add 10% to the Classification. Classification.

(Not to include open pits, cuts, ditches, trenches and such work as paving, etc.)

All Crane Booms: 130' to 200' - $.15/hr. Additional to Classification;
Over 200' - - $.30/hr. Additional to Classification;

Yo-Yo Dozer: 10% Additional

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2-WAS-PED-1-2-3-d (1-5)

All Counties & parts of Counties West of the 120th Meridian except Clark, Cowlitz, Klickitat, Southern part of Pacific, Skamania, & Wahkiakum Counties

POWER EQUIPMENT OPERATORS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Other
GROUP I						
Mechanics' Helpers (heavy duty)	$6.92	.45	.65		.04	
GROUP II						
Brakemen; Oiler (grader checkers & stakeman)	7.02	.45	.65		.04	
GROUP III						
Fireman; Fireman (drier & hot plant)	7.13	.45	.65		.04	
GROUP IV						
Tractor (farmall type, 60 h.p. & under); Compressor (excavating and general purposes); Rollers, Tampers & Vibrators (other than plant, road mix or multilift materials)	7.18	.45	.65		.04	
GROUP V						
Oiler Driver on Truck Cranes (over 45 tons up to 100)	7.20	.45	.65		.04	
GROUP VI						
Oil Distributors; Blower Distributors and mulch seeding operator	7.25	.45	.65		.04	
GROUP VII						
Locomotives (dinkey air, diesel, electric, gas, steam)	7.26	.45	.65		.04	
GROUP VIII						
Equipment Service Oiler; Oiler Driver on truck cranes (100 tons & over)	7.30	.45	.65		.04	
GROUP IX						
Tractors (farmall type, over 60 h.p.); Pump (water)	7.32	.45	.65		.04	
GROUP X						
Post Hole Diggers (mechanical)	7.45	.45	.65		.04	

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2-WAS-PEO-1-2-3-d (2-5)

POWER EQUIPMENT OPERATORS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP XI Brooms, power (Wayne, Saginaw & similar); Bulldozers (under D9 or similar); Saws (consrete); Loaders (fork lift or lumber stacker (on construction job site), Drott travel lift); Scrapers (carry-all type, single); Roller, tampers and vibrator, twin engine	$7.48	.45	.65		.04	
GROUP XII Mixer (asphalt up to 4 tons per batch) Loaders (elevating Athey, Barber Greene & similar types); Loaders (overhead & front end, under 2½ yds.); Mixers (concrete & batch 200 yd.s. per hour & under); Pumps, Fuller Kenyon; Pumps, concrete and Pump crete; Roller, Tamper & Vibrator (on plant, road mix or multilift materials); Trenching Machines (under 16 inches); Batch Plant & Mixer (200 yds. per hour & under); Conveyors; Crushers (rock), washing and screening plants; Finishing Machine Operator (concrete paving); Hoists, Air Tuggers, Strato Tower Bucket, Elevators and Deck Winches (power); Power Plant Operators; Screedman; Spreaders (Blaw Knox, Cedarapids, Jaeger, Flarrety or similars); Cranes ("A" frame truck, single power drum)	7.51	.45	.65		.04	
GROUP XIII Locomotive, Mechanics or Welder (heavy duty)	7.56	.45	.65		.04	
GROUP XIV Tournapulls, Caterpillar, Euclid Scrapers and similar type equipment (25 yds. and under); Motor Patrol Graders (incl. Model 14 & similar)	7.58	.45	.65		.04	
GROUP XV Hoists on Steel Erection, Air Tuggers and Towermobiles; Compressor (steel erection incl. sandblasting, painting or same); Loaders (fork lifts w/tower)	7.60	.45	.65		.04	

AP-283 P. 26
2-WAS-PEO-1-2-3-d (3-5)

POWER EQUIPMENT OPERATORS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP XVI Loaders (elevating grader type, Dumor & similar); Cement Hogs; Locomotive (geared or rod engine); Paving; Scraper (carryall type, double)	$7.63	.45	.65		.04	
GROUP XVII Tractors (farmall type, used as backhoes, rubber tired, Ford, Ferguson, Case & similar types, 60 h.p. & under)	7.66	.45	.65		.04	
GROUP XVIII Bulldozer (D-9 or similar)	7.70	.45	.65		.04	
GROUP XIX Trenching Machines (16 inches and over)	7.77	.45	.65		.04	
GROUP XX Bump Cutter (Concut, Christiensen or similar types)	7.78	.45	.65		.04	
GROUP XXI Conveyors (beltcrete with power pack & similar types); Loaders (elevating belt type, Euclid & similar); Batch Plant, batch & Mixer (over 200 yds. per hour through 400 yds.); Mixer (concrete & batch, over 200 yds. per hour through 400 yds.), Paving (dual); Mixer, asphalt (4 tons & over per batch)	7.83	.45	.65		.04	
GROUP XXII Motor Patrol Graders (over Model 14 & similar); Derricks all-Drilling Machines (core, cable, rotary & exploration); Linked Pusher, Pay Dozer (quad 9 & similar); Mucking Machines (mole or tunnel drill and/or shield); Subgrader (Curries, CMI and similar); Tournapulls, Caterpillar, Euclid Scrapers & similar type equipment (over 25 yds. through 40 yds.); Tractors (farmall type, used as backhoes, rubber tired, Ford, Ferguson, Case & similar, over 60 h.p.); Piledriver Engineers (L.B. Foster puller or similar paving breaker);						

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2-WAS-PEO-1-2-3-d (4-5)

POWER EQUIPMENT OPERATORS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP XXII (cont'd)						
Cranes ("A" frame truck, dbl. power drum); Crawler (truck type, floating, locomotive, Whirley, either 3 yds. & under, or 150' of boom, incl. jibs, & under, or 45 tons & under); Hydralifts; Hyster Cat Cranes & attachments; Bulldozers (engaged) in yo yo operation (while clearing and scaling); Shovels (Crawler and truck type, all attachments, 3 yds. & under); Cranes, Chipper, wood w with boom attachment; Mixer, (mobile type with hoist combination); Cableways (3 yds. & under); Loaders (fork lift with power boom & swing attachment); loaders (overhead & front end, 2½ yds. up to 4 yds.)	$7.88	.45	.65		.04	
GROUP XXIV						
Loaders (overhead & front end, 4 yds. up to 8 yds.)	8.10	.45	.65		.04	
GROUP XXV						
Mixer (concrete mixers & batch over 400 yds. per hour through 600 yds. per hour)	8.14	.45	.65		.04	
GROUP XXXI						
Tournapulls, Caterpillar, Euclid Scraper and similar type (over 40 yds. through 55 yds.)	8.19	.45	.65		.04	
GROUP XXVII						
Slip Form Paver (Zimmerman, CMI, and other similar types); Cableway (over 3 yds.); Crane (Crawler, truck type, floating, locomotive, Whirley, either over 3 yds. or over 150' of boom incl. jibs, or over 45 tons up to 100 tons); crane (Tower Cranes, Pecco, Lorraine, Bucyrus & similar types: Remote Control Operator (on rubber tired earth moving equipment) Helicopter Winch Operator; Shovel (Crawler and truck type, all attachments, over 3 yds. up to 6 yds.)	8.27	.45	.65		.04	
GROUP XXVIII						
Tournapulls, Caterpillar, Euclid Scrapers & similar type equipment (over 55 yds. through 70 yds.)	8.49	.45	.65		.04	

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2-WAS-PEO-1-2-3-d (5-5)

POWER EQUIPMENT OPERATORS (cont'd)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
GROUP XXIX						
Loaders (Overhead & front end, 8 yds. and over)	$8.69	.45	.65		.04	
GROUP XXX						
Tournapulls, Caterpillar, Euclid Scrapers & similar type equipment (over 70 yds. through 85 yds.)	8.80	.45	.65		.04	
GROUP XXXI						
Shovel (Crawler and truck type, all attachments, 6 yds. and over); Cranes (Crawler, truck type, floating, locomotive, Whirley, either 6 yds. & over, 200' of boom incl. jibs & over, or 100 tons and over)	8.82	.45	.65		.04	
GROUP XXXII						
Tournapulls, Caterpillar, Euclid Scrapers & similar type equipment (over 85 yds. through 100 yds.)	9.10	.45	.65		.04	

Clark, Cowlitz, Klickitat, Southern part of Pacific, Skamania & Wahkiakum Counties

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3-WAS-PEO 1-2-3 d (1-6)

POWER EQUIPMENT OPERATORS	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
GROUP I ASSISTANT CONVEYOR; Oiler, including plant and crusher; Crusher Feederman; Deckhand; Self-propelled Scaffolding; Guard Rail Punch Oiler; Pump under 4" Brakeman Switchman; Parts Man (Tool Room)	$6.40	.45	.60	.25		
GROUP II BLASE, PULLED TYPE; Truck Crane Oiler-driver, 25 ton capacity or Fireman, all equipment; A-Frame Truck, single drum; Tugger or Coffin type Hoist, any power; Drill Helper; Auger Oiler; Boatman; Forklift or Lumber Stacker; Temporary Heating Plant; Grade Oiler, required to check grade; Grade Checker; Tar Pot Fireman; Tar Pot Fireman (power agitated); H.D. Repairman Helper; Welder's Helper; Fireman Helicopter Radio-man (ground); Roller, Rock	6.54	.45	.60	.25		
GROUP III PLANT FIREMAN; Pugmill; Truck Mounted Asphalt Spreader, with screed; Compressor, any power, under 1,000 cu. ft. total capacity; Mixer Box Concrete Plant; Concrete Conveyor; Cement Hog; Concrete Saw, self-propelled unit; Wire Mat Machine or Booming Machine; Concrete Curing Machine, self-propelled; Bucket Elevator Loader, Barber Greene and similar type; Hydraulic Pipe Press; Pump any power, 4" and over; Hydrostatic Pump; Motorman; Ballast Jack Tamper; Bell Boy, phones, etc; Tamping Machine, mechanical self-propelled; Hydrographic Seeder Machine, straw, pump or seed; Broom Operator, self-propelled; Air Filtration Equipment; Welding Machine	6.64	.45	.60	.25		

AF-283 P. 30
3-WAS-PEO 1-2-3 d (2-8)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
GROUP IV SCREED; Compactor, including vibratory; Compressor, over 1,000 cu. ft. total capacity, Concrete Mixer, single drum, under 5 bag capacity; Concrete Cooling Machine; Combination Mixer and Compressor, Gunite work; Helicopter Hoist; Fork Lift, over 5 tons; Lull Hi-Lift or similar types; Pavement Breaker; Pump, more than 3, any size; Locomotive, under 40 tons; Roller, Oiling, CTB	$6.80	.45	.60	.25		
GROUP V CURB MACHINE, MECHANICAL BERM, CURB AND/OR CURB AND GUTTER; Wagner Factor or similar type (without blade); Batch Plant Material Control; Power Jumbo, setting slip forms, etc. in tunnels; Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Hoist, single drum; Elevator, Diesel, Gas, Engineer; Chip Spreading Machine; Lime Spreading; Sweeper (Wayne Type); self-propelled; Tractor, rubber-tired 50 H. P. Flywheel and under; Trenching Machine, maximum digging capacity 3 ft. depth	6.82	.45	.60	.25		
GROUP VI ASPHALT PLANT; Asphalt Paver; Maginnis, internal full slab vibrator; Concrete finishing Machine, Clary, Johnson, Bidwell, Burgess, bridge deck or similar type; Curb Machine, Mechanical Berm, Curb and/or Curb and Gutter; Concrete Joint Machine; Concrete Planer; Cast in place pipe laying machine; Concrete Paving Machine; Concrete Spreader; Loaders, Rubber-tired type, 2½ cu. yds. and under; Rock Spreader, self-propelled	6.90	.45	.60	.25		

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3-WAS-FED 1-2-3 d (3-6)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
GROUP VII ROLLER, ASPHALT; Concrete Mixer, single drum, 5 bag capacity and over; Beltcrete; Pumpcrete; Cement Pump, Fuller-Kenyon and similar; Grouting Machine; Concrete Pump; Tower Mobile; A-Frame Truck, double drums; Boom Truck; Churn Drill and Earth Boring Machine; Hydraulic Backhoe, wheel type 3/4 cu. yds. & under with or without front end attachments 2½ cu. yds. and under (Ford, John Deere, Case type); Elevating Grader, Tractor and towed requiring operator or grader; Pot Rammer; Ballast Regulator; Ballast Tamper Multi-Purpose; Track Liner; Tie Spacer; Shuttle Car; Locomotive 40 tons and over	$6.96	.45	.60	.25		
GROUP VIII DIESEL-ELECTRIC ENGINEER, PLANT OR FLOATING; Batch Plant and/or wet mix, one and two drums; Generator; Diesel-Electric Engineer; Belt Loaders, Kolman and Ko Cal types	7.06	.45	.60	.25		
GROUP IX BULLDOZER; Drill Cat; Side-Boom Cat; Compactor, with blade; Chicago Boom and similar types; Lift Slab Machine; Boom Type lifting device, 5 tons capacity or less; Cherry picker or similar type crane-hoist; 5 ton capacity or less; Grizzley; Crusher Plant; Boring Machine; Surface Heater & Planer; Hydraulic Backhoe, truck type 3/8 cu. yds. Loader, front end and overhead 2½ cu. yds. and under 4 cu. yds.; Pipe Cleaning Machine; Pipe Doping Machine; Pipe Bending Machine; Pipe Wrapping Machine; Bolt Treading Machine; Drill Doctor; including bit grinder; H.D. Mechanic; H.D. Welder; Machine Tool Operator; Stationary Drag Scraper; Tractor Rubber-tired over 50 H.P. Flywheel;						

AP-283 P. 32

3-WAS-FED 1-2-3 d (4-6)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
Tractor, Rubber-tired with boom attachments; Trenching Machine maximum digging capacity over 3 ft. depth	$7.12	.45	.60	.25		
GROUP X BULLDOZER, TWIN-ENGINE (TC 12 and similar type); Cable-Plow; Compactor, Multi-engine; Driller-Percussion, Diamond, Core, Cable, Rotary and similar types; Jack Operator Elevating Barges; Barge Operator, self-unloading Combination H.D. Mechanic-Welder; Welder-Certified; Rubber-tired Dozers and Pushers (Michigan, Cat, Hough, type	7.18	.45	.60	.25		
GROUP XI MIXER MOBILE; Crane, 25 tons and under; Shovel, Dragline; Clamshell, Hoe, etc., under 1 cu. yd.; Grade-all, under 1 cu. yd.; Mucking Machine	7.20	.45	.60	.25		
GROUP XII BLADE; Batch Plant and/or wet mix, 3 units or more; Hoist, 2 drums; Hoist, 3 or more drums; Elevating Loader, Athey and similar types; Piledriver (not crane type); Rubber-tired Scraper, single engine, single scraper; Scraper-Self-Loading, paddle wheel ladder type; Rubber-tried Scraper, twin engine; Rubber-tired Scraper, with push-pull attachments; Blade Mounted Spreaders, Ulrich and similar types; Shield Operator	7.26	.45	.60	.25		
GROUP XIII BLADE, FINISH (working with either red or blue tops); Blade, Electronically controlled by wite or laser beams; Blade, Multi-engine; Concrete Paving and Road Mixer; Bridge Crane, Locomotive, Gantry Overhead; Derrick, under 100 tons; Hoist Stiffleg, Guy Derrick or similar type 50 tons and over; Cableway, up to 25 tons; Crane, over 25 tons and including 40 tons; Tower Crane; Piledriver (not crane type); Floating Clamshell, etc., under 3 cu. yds.;						

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3-WAS-PRD 1-2-3d (5-6)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
Floating Crane (Derrick Barge); less than 30 tons; Hydraulic Backhoe, truck type over 3/8 cu. yds.; Elevating Grader, operated by tractor, Sierra, Euclid or similar types; Back-Filling Machine; Shovel, etc., 1 cu. yd. but less than 3 cu. yds.; Gradeall, 1 cu. yd. and over	$7.34	.45	.60	.25		
GROUP XIV RUBBER-TIRED SCRAPER WITH TANDEM SCRAPER	7.50	.45	.60	.25		
GROUP XV ROCK HOUND; Loader, 4 cu. yds. but less than 6 cu. yds.	7.66	.45	.60	.25		
GROUP XVI AUTO GRADER (i.e. CMB) or TRIMMER; Tandem Bulldozer, Quad-nine and similar type; Automatic Concrete Slip Form Paver; Concrete Canal Liner; Cableway, 25 tons and over; Crane, over 40 tons and including 100 tons; Whirley, 80 tons and under; Floating Clamshell, etc., 3 cu. yds. and over; Floating Crane (Derrick Barge), 30 tons but less than 80 tons; Loader, 6 cu. yds., but less than 8 cu. yds.; Loader 8 cu. yds. but less than 12 cu. yds.; Rubber-tired Scraper, with Tandem Scraper, Multi-engine; Shovel, etc., 3 cu. yds. but less than 5 cu. yds.; Wheel Excavator, under 750 cu. yds. per hour	7.84	.45	.60	.25		
GROUP XVII CRANE, Over 100 tons and including 200 tons; Whirley over 80 tons and including 150 tons; Floating Crane (Derrick Barge); 80 tons but less than 150 tons; Loader, 12 cu. yds. and over; Shovel, etc., 5 cu. yds. and over; Canal Trimmer	7.98	.45	.60	.25		
GROUP XVIII CRANE, over 200 tons; Whirley, 150 tons and over; Floating Crane 150 tons but less than 250 tons; Wheel Excavator, over 750 cu. yds. per						

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3-WAS-PRD 1-2-3 (6-6)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
hour; Band Wagons, in conjuction with wheel excavator	$8.16	.45	.60	.25		
GROUP XVIV HELICOPTER; When used in erecting work; Floating Crane 250 tons and over; Remote controlled earth moving equipment (no one operator shall operate more than two pieces of moving equipment at one time); Underwater Equipment, remote or otherwise	8.30	.45	.60	.25		

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1 - WAS - TD -1-2-3 (1-2)

All Counties and parts of Counties East of the 120th Meridian

TRUCK DRIVERS	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Group I FLAT BED TRUCK, single rear axle; Escort Driver; Fish Truck; Fork Lift, 3,000 lbs. & under; Fuel Truck Driver (steam cleaner & washer); Helper & Swamper; Leverman Loading Trucks at Bunkers; Pickup Hauling Material; Stationary Fuel Op.; Team Driver; Tractor (small rubber tired pulling trailer or sim. equip.); Water Tank Truck 1,800 gallons	$6.70	.62	.50			
Group II BUS DRIVER OR MANHAUL DRIVER; Flat Bed Truck, dual rear axle; Tireman No. 1; Warehouseman	6.75	.62	.50			
Group III BUGGY MOBILE & SIM.; Bulk Cement Tanker; Oil Tank Driver; Power Operated Sweeper; Semi-Trailer, low bed, truck & Trailer; Straddle Carrier (Ross, Hyster & sim.); Transit Mixers & Trucks Hauling Concrete (3 yds. & under); Trucks, side end and bottom dump (under 6 yds.); Water Tank Truck (1,801 - 4,000 gallons)	6.80	.62	.50			
Group IV AUTO CRANE - 2000 lbs. capacity; Bulk Cement Spreader; Dumptor (6 yds. & under); Flaherty Spreader, box driver; Flat Bed Truck (using power take off); Fork Lift (over 3,000 lbs.) Oil Distributor Driver (road, bootman; leverman, helper); Rubber tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Transit Mixers & Trucks Hauling Concrete (over 3 yds. to 6 yds.) Trucks, side, end and bottom dump (over 6 yds. to 12 yds.); Water Tank Truck (4,001 - 6,000 gals.); Wrecker & Tow Trucks	6.90	.62	.50			

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1 - WAS - TD -1-2-3- (2-2)

TRUCK DRIVERS (CONT'D)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Group V LOW BOY (under 50 tons); Service Greaser; Tireman No. 2	$6.95	.62	.50			
Group VI A-FRAME (Swedish Crane, Iowa 3,000, hydrolift); Water Tank Truck (over 6,001 - 8,000 gals.)	7.00	.62	.50			
Group VII DUMPTOR (over 6 yds.); Transit Mixers & Trucks Hauling Concrete (6 yds. to 10 yds.) Trucks, side, end & bottom dump (over 12 yds. incl. 20 yds.)	7.05	.62	.50			
Group VIII LOW BOY (over 50 tons); Water Tank Truck (8,001 - 10,000 gals.); 10¢ for each add. 2,000 gals.	7.10	.62	.50			
Group IX TRANSIT MIXERS & TRUCKS Hauling Concrete, (10 yds. to 15 yds.); Trucks, side, end & bottom dump (over 20 yds. incl. 30 yds.)	7.20	.62	.50			
Group X TOURNAROCKER, DW'S & sim. w/2 or 4 wheel power tractor w/trailer or yardage scale whichever is greater	7.25	.62	.50			
Group XI TRANSIT MIXERS & TRUCKS Hauling Concrete (15 yds. to 20 yds.); Trucks, side, end & bottom dump (over 30 yds. to 40 yds.)	7.35	.62	.50			
Group XII TRANSIT MIXERS & TRUCKS Hauling Concrete (over 20 yds.); Trucks, side, end & bottom dump (over 40 yds. to 50 yds.)	7.50	.62	.50			
Group XIII TRUCKS, side, end and bottom dumps, (over 50 yds. to 100 yds.)	7.65	.62	.50			
Group XIV TRUCKS, side, end and bottom dump (over 100 yds.)	7.80	.62	.50			

All Counties and parts of Counties West of the 120th Meridian except Clark, Cowlitz, Klickitat, Southern part of Pacific, Skamania, and Wahkiakum Counties

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2-WAS -TD-1-2-3-a (1-2)

TRUCK DRIVERS	Basic Hourly Rates	Fringe Benefits Payments: H & W	Pension	Vacation	App. Tr.	Other
Leverman & Loaders at bunkers & batch plants; Pickup truck, Escort or Pilot car; Swampers; Warehouseman & Checkers	7.00	.54	.50		.01	
Team driver	7.05	.54	.50		.01	
Bull lifts or similar equipment used in loading or unloading trucks, warehousing; Bus or Manhaul; Dumpsters and similar equipment; Tournorockers; Tournowagon; Turnatrailer, Cat DW Series, Terra Cobra, Le Tourneau, Westinghouse, Athey wagon; Euclid; Two & four wheeled power tractor with trailer & similar top loaded equipment transporting material; Dump trucks, side, end & bottom dump, including semi-trucks & trains; Dump trucks, up to & including 5 yds.; Flatbed, single rear axle; Grease truck, fuel truck; Gresser; Battery service man; Tire service man; Scissor truck; Spreader, flaherty; Tractor, small rubber-tired; Vacuum truck; Water wagon & Tank truck, up to 1600 gals.; Winch truck, single rear axle; Wrecker, tow truck & similar equipment	7.10	.54	.50		.01	
Flatbed, dual rear axle	7.21	.54	.50		.01	
Buggymobile; Hyster operators; Straddle carrier (Ross, Hyster) and similar equipment; Water wagon & tank truck, 1600 gals. to 3000 gals.	7.27	.54	.50		.01	
Transit-mix, 0 to and including 4-1/2 yds.	7.31	.54	.50		.01	
Dump trucks, over 5 yds. to and including 12 yds.; Explosive truck (Field mix) and similar equipment; Lowbed & heavy duty trailer, under 50 tons gross; Road oil distributor driver; Slurry truck; Sno-go & similar equipment; Winch truck, dual rear axle	7.32	.54	.50		.01	
Dump trucks, over 12 yds. to & including 16 yds.	7.38	.54	.50		.01	
Bulk cement tankers; Dump trucks, over 16 yds. to & including 20 yds.; Water wagon & Tank truck, over 3000 gals.	7.43	.54	.50		.01	
Bull lifts or similar equipment used in loading or unloading trucks other than warehousing	7.45	.54	.50		.01	
Transit-mix, over 4-1/2 yds. to & including 6 yds.	7.48	.54	.50		.01	
"A"- Frame or Hydralift" trucks or similar equipment	7.58	.54	.50		.01	
Dump trucks, over 20 yds. to & including 30 yds.; Lowbed & heavy duty trailer, over 50 tons gross to & including 100 tons gross	7.60	.54	.50		.01	

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2-WAS-TD-1-2-3-a (2-2)

TRUCK DRIVERS (CONT'D)	Basic Hourly Rates	Fringe Benefits Payments: H & W	Pension	Vacation	App. Tr.	Other
Transit-mix, over 6 yds. to & including 8 yds.	7.64	.54	.50		.01	
Dump trucks, over 30 yds. to & including 40 yds.; Lowbed & heavy duty trailer, over 100 tons gross	7.76	.54	.50		.01	
Transit-mix, over 8 yds. to & including 10 yds.	7.80	.54	.50		.01	
Dump trucks, over 40 yds. to & including 55 yds.	7.92	.54	.50		.01	
Transit-mix, over 10 yds. to & including 12 yds.	7.97	.54	.50		.01	
Transit-mix, over 12 yds. to & including 16 yds.	8.13	.54	.50		.01	
Transit-mix, over 16 yds. to & including 20 yds.	8.29	.54	.50		.01	
Transit-mix over 20 yds.	8.45					
Mechanic	7.44	.54	.50		.01	
Mehcanic Helper	6.85	.54	.50		.01	

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3-WAS-TD-2-3-c (1-3)

Clark, Cowlitz, Klickitat, Southern part of Pacific, Skamania, and Wahkiakum Counties

TRUCK DRIVERS

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
Battery rebuilders; Bus or man-haul driver; Concrete buggies (power operated); Dump trucks, side, end & bottom dumps, incl. semi-trucks & trains or combin. thereof: 6 cu. yds. & under; Lift jitneys, fork lifts (all sizes used in loading, unloading & transporting material on job site); Loader and/or leverman on concrete dry batch plant (manually operated); Pilot car; Solo flat bed & misc. body trucks, 0-10 tons; Truck helper; Truck mechanic helper; Warehouseman (warehouse parts, tool men & parts chaser, checkers & receivers); Water wagons (rated capacity); up to 1600 gals	$6.23	.40	.45	.25		
"A" frame or hydra-lift truck w/load bearing surfaces; Lubrication man, fuel truck driver, tireman, wash rack, steam cleaner or combin.; Team drivers	6.28	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi-trucks & trains or combin. thereof: over 6 cu. yds. & incl. 10 cu. yds.; Slurry truck driver or leverman; Transit mix & wet or dry mix trucks: 5 cu. yds. & under; Tireman (full-time basis); Water wagons (rated capacity); 1600 to 3000 gals.	6.33	.40	.45	.25		
Flaherty spreader driver or leverman; Low bed equipment, flat bed semi-trailer, truck & trailer or doubles transporting equipment or wet or dry materials; Lumber carrier driver-Straddle carrier (used in loading, unloading and transporting of materials on job site); Oil distributor driver or leverman; Water wagons (rated capacity); 3000 to 5000 gals.	6.38	.40	.45	.25		
Dumpsters or similar equipment, all sizes; Transit mix & wet or dry mix trucks, over 5 cu. yds. & incl. 7 cu. yds.	6.43	.40	.45	.25		

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3-WAS-TD-1-2-3 c (2-3)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
Dump trucks, side, end & bottom dumps, incl. semi trucks & trains or combin. thereof: over 10 cu. yds. & incl. 20 cu. yds.; Transit mix & wet or dry mix trucks; over 7 cu. yds. & incl. 9 cu. yds.; Truck Mechanic--welder--body repairman: Water wagons (rated capacity) 5000 to 7000 gals.	$6.53	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi trucks & trains of combin. thereof: over 20 cu. yds. & incl. 30 cu. yds.; Transit mix & wet or dry mix trucks: over 9 cu. yds. & incl. 11 cu. yds.; Water Wagons (rated capacity); over 7000 gals. to 10,000 gals.	6.63	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi trucks & trains or combin. 40 cu. yds.; Transit mix & wet or dry mix trucks: over 11 cu. yds. and incl. 13 cu. yds.; Water Wagons (rated capacity): over 10,000 gals. to 15,000 gals.	6.73	.40	.45	.25		
Dump trucks, side end & bottom dumps, incl. semi-trucks & trains or combin. thereof: over 40 cu. yds. & incl. 50 cu. yds.; Transit mix & wet or dry mix trucks: over 13 cu. yds. and incl. 15 cu. yds.	6.83	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi trucks & trains or combin. thereof: over 50 cu. yds. & incl. 60 cu. yds.	7.00	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi trucks & trains or combin. thereof: over 60 cu. yds. & incl. 70 cu. yds.	7.10	.40	.45	.25		
Dump trucks, side, end & bottom dumps, incl. semi truck & trains or combin. thereof: 70 cu. yds. and incl. 80 cu. yds.	7.20	.40	.45	.25		

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3-WAS-TD c 1-2-3 (3-3)

	BASIC HOURLY RATES	FRINGE BENEFITS PAYMENTS				
		H & W	PENSIONS	VACATION	APP. TR.	OTHERS
Dump trucks, side, end & bottom dump, including semi trucks & trains or combin. thereof: over 80 cu. yds. & incl. 90 cu. yds.	$7.30	.40	.45	.25		
Dump trucks, side, end & bottom dump, incl. semi-trucks and trains or combin. thereof: over 90 cu. yds. & incl. 100 cu. yds.	7.40	.40	.45	.25		

Drivers and Helpers (handling sacked cement add $.15 per hour).

Winch truck - takes classification of truck on which winch is mounted.

[FR Doc.73-6478 Filed 4-5-73;8:45 am]

INDEX TO AREA WAGE DETERMINATION DECISIONS AND MODIFICATIONS AS OF MARCH 2, 1973

There is set forth below an Index to area wage determination decisions and modifications as published in the FEDERAL REGISTER pursuant to the Davis-Bacon and related Acts. The index lists area wage determination decisions and modifications by State and county. An updated index is published on the first Friday of each month.

The index is published for the convenience of the public and the Department of Labor will endeavor to keep it accurate and up to date. In the event the data in the index and published area decisions do not coincide, the published area decisions shall control.

ABBREVIATIONS

(B)—Building construction.
(D)—Dredging construction.
(F)—Flood control construction.
(H)—Heavy construction.
(Hw)—Highway construction.
(R)—Residential construction.
Mod.—Modification.

Signed at Washington, D.C., this 30th day of March 1973.

WARREN D. LANDIS,
Assistant Administrator,
Wage and Hour Division.

ALABAMA

STATEWIDE
Decision #AM-8589 (D)
37 FR 5654 - 3-17-72
Mod. #1 - 37 FR 24506 - 11/17/72
AUTAUGA COUNTY
Decision #AP-119 (Hw)
37 FR 16733 - 8-18-72
Mod. #1 - 37 FR 24507 - 11/17/72
(D) - See Statewide
BALDWIN COUNTY
Decision #AM-554 (R)
36 FR 23101 - 12-3-71
Decision #AP-118 (Hw)
37 FR 18836 - 9/15/72
Mod. #1 - 37 FR 24507 - 11/17/72
(D) - See Statewide
BARBOUR COUNTY
(D) - See Statewide
(Hw) - See Autauga County
BIBB COUNTY
(D) - See Statewide
(Hw) - See Autauga County
BLOUNT COUNTY
Decision #AM-448 (R)
36 FR 16359 - 8-20-71
(D) - See Statewide
(Hw) - See Autauga County
BULLOCK COUNTY
(D)- See Statewide
(Hw)- See Autauga County
BUTLER COUNTY
(D)- See Statewide
(Hw)- See Augauga County
CALHOUN COUNTY
Decision #AP-117 (Hw)
37 FR 16732 - 8/18/72
Mod. #1 - 37 FR 24507 - 11/17/72
(D)-See Statewide
CHAMBERS COUNTY
(D)-See Statewide
(Hw)-See Autauga County
CHEROKEE COUNTY
(D)-See Statewide
(Hw)- See Autauga County
CHILTON COUNTY
(D)-See Statewide
(Hw)-See Autauga County
CHOCTAW COUNTY
(D)-See Statewide
(Hw)-See Autauga County

ALABAMA (cont'd)

CLARKE COUNTY
(D) - See Statewide
(Hw) - See Autauga County
CLAY COUNTY
(D) - See Statewide
(Hw) - See Autauga County
CLEBURNE COUNTY
(D) - See Statewide
(Hw) - See Autauga County
COFFEE COUNTY
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(Hw) - See Autauga County
COLBERT COUNTY
Decision #AP-116 (Hw)
37 FR 18835 - 9-15-72
Mod. #1 - 37 FR 24507 - 11/17/72
(D) - See Statewide
CONECUH COUNTY
(D) - See Statewide
(Hw) - See Autauga County
(R) - See Baldwin County
COOSA COUNTY
(D) - See Statewide
(Hw) - See Autauga County
COVINGTON COUNTY
(D) - See Statewide
(Hw) - See Autauga County
CRENSHAW COUNTY
(D) - See Statewide
(Hw) - See Autauga County
CULLMAN COUNTY
(D) - See Statewide
(Hw) - See Autauga County
DALE COUNTY
(D) - See Statewide
(Hw) - See Autauga County
DALLAS COUNTY
(D) - See Statewide
(Hw) - See Autauga County
DE KALB COUNTY
(D) - See Statewide
(Hw) - See Autauga County
ELMORE COUNTY
(D) - See Statewide
(Hw) - See Autauga County
ESCAMBIA COUNTY
(D) - See Statewide
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ALABAMA (Cont'd)

ETOWAH COUNTY
(D) - See Statewide
(Hw) - See Calhoun County
FAYETTE COUNTY
(D) - See Statewide
(Hw) - See Autauga County
FRANKLIN COUNTY
(D) - See Statewide
(Hw) - See Autauga County
GENEVA COUNTY
(D) - See Statewide
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GREENE COUNTY
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HALE COUNTY
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HENRY COUNTY
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HOUSTON COUNTY
(D) - See Statewide
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JACKSON COUNTY
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JEFFERSON COUNTY
Decision #AP-140 (B, Hw)
37 FR 25628 - 12/1/72
Mod. #1 - 38 FR 5754 - 3/2/73
(D) - See Statewide
(R) - See Blount County
LAMAR COUNTY
(D) - See Statewide
(Hw) - See Autauga County
LAUDERDALE COUNTY
(D) - See Statewide
(Hw) - See Colbert County
LAWRENCE COUNTY
(D) - See Statewide
(Hw) - See Autauga County
LEE COUNTY
(D)-See Statewide
(Hw)-See Autauga County

ALABAMA (cont'd)

LIMESTONE COUNTY
(D)-See Statewide
(Hw)-See Autauga County
LOWNDES COUNTY
(D)-See Statewide
(Hw)-See Augauga County
MACON COUNTY
(D)-See Statewide
(Hw)-See Autauga County
MADISON COUNTY
(D)-See Statewide
(Hw)- See Colbert Countyy
MARENGO COUNTY
(D)-See Statewide
(Hw)-See Autauga County
MARION COUNTY
(D)-See Statewide
(Hw)-See Autauga County
MARSHALL COUNTY
(D)-See Statewide
(Hw)-See Autauga County
MOBILE COUNTY
Decision #AP-153 (B, Hw)
38 FR 4083 - 2/9/73
Mod. #1 - 38 FR 5754 - 3/2/73
(D)-See Statewide
MONROE COUNTY
(D)-See Statewide
(Hw)-See Autauga County
MONTGOMERY COUNTY
Decision #AP-115 (B)
37 FR 16263 - 8/11/72
(D)-See Statewide
(Hw)-See Baldwin County
MORGAN COUNTY
(D)-See Statewide
(Hw)-See Colbert County
PERRY COUNTY
(D)-See Statewide
(Hw)-See Autauga County
PICKENS COUNTY
(D)-See Statewide
(Hw)-See Autauga County

ALABAMA (Cont'd)

PIKE COUNTY
(D)-See Statewide
(Hw)-See Autauga County
RANDOLPH COUNTY
(D)-See Statewide
(Hw)-See Autauga County
RUSSELL COUNTY
(D)-See Statewide
(Hw)-See Autauga County
SAINT CLAIR COUNTY
(D)-See Statewide
(Hw)-See Calhoun County
(R)-See Blount County
SHELBY COUNTY
(D)-See Statewide
(Hw)-See Calhoun County
(R)-See Blount County
SUMTER COUNTY
(D)-See Statewide
(Hw)-See Autauga County
TALLADEGA COUNTY
(D)-See Statewide
(Hw)-See Calhoun County
(R)-See Blount County
TALLAPOOSA COUNTY
(D)-See Statewide
(Hw)-See Autauga County
TUSCALOOSA COUNTY
(D)-See Statewide
(Hw)-See Calhoun County
WALKER COUNTY
(D)-See Statewide
(Hw)-See Calhoun County
WASHINGTON COUNTY
(D)-See Statewide
(Hw)-See Autauga County
WILCOX COUNTY
(D)-See Statewide
(Hw)-See Autauga County
WINSTON COUNTY
(D)-See Statewide
(Hw)-See Autauga County

ALASKA

AREA I (North of the 63rd Parallel)
Decision #AP-251 (B, H, Hw, D)
37 FR 25118 - 11/25/72
Mod. #1 - 38 FR 5084 - 2/23/73
Decision #AP-252 (R)
37 FR 25124 - 11/25/72
Mod. #1 - 38 FR 5084 - 2/23/73
AREA II (South of the 63rd Parallel & West of the 141st Meridian)
Decision #AM-2506 (B, H, Hw, D)
36 FR 17168 - 8/27/72
Mod. #1 - 37 FR 6128 - 3/24/72
Mod. #2 - 37 FR 20385 - 9/29/72
Mod. #3 - 37 FR 25103 - 11/25/72
Mod. #4 - 38 FR 2568 - 1/26/73
Mod. #5 - 38 FR 5084 - 2/23/73
Decision #AM-6726 (R)
37 FR 9157 - 5/5/72
Mod. #1 - 37 FR 17307 - 8/25/72
Mod. #2 - 37 FR 20385 - 9/29/72
Mod. #3 - 37 FR 25103 - 11/25/72
Mod. #4 - 38 FR 2568 - 1/26/73
Mod. #5 - 38 FR 5084 - 2/23/73
AREA III (East of the 141st Meridian)
Decision #AM-2507 (B, H, Hw, D)
36 FR 17173 - 8/27/71
Mod. #1 - 37 FR 6168 - 3/24/72
Mod. #2 - 37 FR 20385 - 9/29/72
Mod. #3 - 37 FR 25103 - 11/25/72
Mod. #4 - 38 FR 2568 - 1/26/73
Mod. #5 - 38 FR 5084 - 2/23/73
Decision #AM-6727 (R)
37 FR 9160 - 5/5/72
Mod. #1 - 37 FR 17307 - 8/25/72
Mod. #2 - 37 FR 20385 - 9/29/72
Mod. #3 - 37 FR 25103 - 11/25/72
Mod. #4 - 37 FR 2568 - 1/26/73
Mod. #5 - 38 FR 5084 - 2/23/73

ARIZONA

STATEWIDE
Decision #AP-258 (H, Hw)
38 FR 1440 - 1/12/73

ARIZONA (cont'd)

APACHE COUNTY
(H, Hw) - See Statewide
COCHISE COUNTY
(H, Hw) - See Statewide
Decision #AP-222 (B)
37 FR 16744 - 8/18/72
Mod. #1 - 37 FR 19871 - 9/22/72
Mod. #2 - 37 FR 21695 - 10/13/72
Mod. #3 - 37 FR 23497 - 11/3/72
Mod. #4 - 38 FR 2007 - 1/19/73
COCONINO COUNTY
(H, Hw) - See Statewide
GILA COUNTY
(H, Hw) - See Statewide
GRAHAM COUNTY
(H, Hw) - See Statewide
MARICOPA COUNTY
(H, Hw) - See Statewide
Decision #AP-221 (B)
37 FR 16737 - 8/18/72
Mod. #1 - 37 FR 21217 - 10/6/72
Mod. #2 - 37 FR 21694 - 10/13/72
Mod. #3 - 38 FR 2007 - 1/19/73
Decision #AP-259 (R)
38 FR 2022 - 1/19/73
MOHAVE COUNTY
(H, Hw) - See Statewide
NAVAJO COUNTY
(H, Hw) - See Statewide
PIMA COUNTY
(H, Hw) - See Statewide
(B) - See Cochise County
Decision #AP-260 (R)
38 FR 2027 - 1/19/73
PINAL COUNTY
(H, Hw) - See Statewide
SANTA CRUZ COUNTY
(H, Hw) - See Statewide
YAVAPAI COUNTY
(H, Hw) - See Statewide
YUMA COUNTY
(H, Hw) - See Statewide

ARKANSAS

STATEWIDE
Decision #AP-701 (Hw)
38 FR 4078 - 1/19/73
Decision #AM-8,589 (D)
37 FR 5654 - 3-17-72
Mod. #1 - 37 FR 24506 - 11/17/72
ARKANSAS COUNTY
(Hw) - See Statewide
(D) - See Statewide
Decision #AM-8588 (F)
37 FR 5654 - 3-17-72
Mod. #1 - 37 FR 8601 - 4-28-72
Mod. #2 - 37 FR 24506 - 11/17/72
ASHLEY COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
BAXTER COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
BENTON COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
BOONE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
BRADLEY COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CALHOUN COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CARROLL COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CHICOT COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CLARK COUNTY
(Hw) - See Statewide

ARKANSAS (Cont'd)

CLARK COUNTY (Cont'd)
(D) - See Statewide
(F) - See Arkansas County
CLAY COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CLEBURNE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CLEVELAND COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
COLUMBIA COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CONWAY COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CRAIGHEAD COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CRAWFORD COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CRITTENDEN COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
CROSS COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
DALLAS COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
DESHA COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County

ARKANSAS (Cont'd)

DREW COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
FAULKNER COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
FRANKLIN COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
FULTON COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
GARLAND COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
GRANT COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
GREENE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
HEMPSTEAD COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
HOT SPRING COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
HOWARD COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
INDEPENDENCE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
IZARD COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County

ARKANSAS (Cont'd)

JACKSON COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
JEFFERSON COUNTY
(Hw) - See Statewide
(D) - See Statewide
JOHNSON COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
LAFAYETTE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
LAWRENCE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
LEE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
LINCOLN COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
LITTLE RIVER COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
LOGAN COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
LONOKE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
MADISON COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
MARION COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County

ARKANSAS (Cont'd)

MILLER COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
MISSISSIPPI COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
MONROE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
MONTGOMERY COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
NEVADA COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
NEWTON COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
OUACHITA COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
PERRY COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
PHILLIPS COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
PIKE COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
POINSETT COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County
POLK COUNTY
(Hw) - See Statewide
(D) - See Statewide
(F) - See Arkansas County

ARKANSAS (cont'd)

POPE COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
PRARIE COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
PULASKI COUNTY
(Hw)-See Statewide
(D)-See Stateiwde
Decision #AP-365 (B)
37 FR 26203 - 12/8/72
Mod. #1 - 38 FR 1434 - 1//2/73
Mod. #2 - 38 FR 5084 - 2/23/73
Decision #AP-356 (R)
37 FR 23489 - 11/3/72
RANDOLPH COUNTY
(HW)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
ST. FRANCIS COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
SALINE COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
SCOTT COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
SEARCY COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
SEBASTIAN COUNTY
(Hw)-See Statewide
(D)-See Statewide
SEVIER COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County

ARKANSAS (cont'd)

SHARP COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
STONE COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
UNION COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
Decision #AP-703 (B)
38 FR 4623 - 2/16/73
VAN BUREN COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
WASHINGTON COUNTY
(Hw)- See Statewide
(DO-See Statewide
(F)-See Arkansas County
WHITE COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
WOODRUFF COUNTY
(Hw)-See Statewide
(D)-See Statewide
(F)-See Arkansas County
YELL COUNTY
(Hw)- See Statewide
(D)-See Statewide
(F)-See Arkansas County

CALIFORNIA

ALAMEDA COUNTY
Decision #AP-235 (B-H-Hw-D)
37 FR 18837 - 9-15-72
Mod. #1 - 37 FR 24508 - 11/17/72
Mod. #2 - 37 FR 28341 - 12/22/72
Mod. #3 - 38 FR 4620 - 2/16/73
Decision #AP-246 (R)
37 FR 21728 - 10-13-72
Mod. #1 - 37 FR 24509 - 11/17/72
Mod. #2 - 37 FR 28342 - 12/22/72
Mod. #3 - 38 FR 4075 - 2/9/73
ALPINE COUNTY
(B-H-Hw-D) - See Alameda County
AMADOR COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
BUTTE COUNTY
(B-H-Hw-D) - See Alameda County
CALAVERAS COUNTY
(B-H-Hw-D) - See Alameda County
COLUSA COUNTY
(B-H-Hw-D) - See Alameda County
CONTRA COSTA COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
DELNORTE COUNTY
(B-H-Hw-D) - See Alameda County
ELDORADO COUNTY
(B-H-Hw-D) - See Alameda County
FRESNO COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County

CALIFORNIA (Cont'd)

GLENN COUNTY
(B-H-Hw-D) - See Alameda County
HUMBOLDT COUNTY
(B-H-Hw-D) - See Alameda County
IMPERIAL COUNTY
Decision #AP-248 (B-H-Hw-D)
37 FR 21740 - 10-13-72
Mod. #1 - 37 FR 23697 - 11/10/72
Mod. #2 - 38 FR 935 - 1/5/73
Mod. #3 - 38 FR 4074 - 2/9/73
Mod. #4 - 38 FR 5756 - 3/2/73
Decision #AP-245 (R)
37 FR 21721 - 10/13/72
Mod. #1 - 37 FR 23967 -11/10/72
Mod. #2 - 38 FR 935 - 1/5/73
Mod. #3 - 38 FR 4074 - 2/9/73
Mod. #4 - 38 FR 5754 - 3/2/73
INYO COUNTY
(B-H-Hw-D) - See Imperial County
KERN COUNTY
(B-H-Hw-D) - See Imperial County
(R) - See Imperial County
KING COUNTY
(B-H-Hw-D) - See Alameda County
LAKE COUNTY
(B-H-Hw-D) - See Alameda County
LASSEN COUNTY
(B-H-Hw-D) - See Alameda County
LOS ANGELES COUNTY
(B-H-Hw-D) - See Imperial County
(R) - See Imperial County
MADERA COUNTY
(B-H-Hw-D) - See Alameda County
MARIN COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County

CALIFORNIA (Cont'd)

MARIPOSA COUNTY
(B-H-Hw-D) - See Alameda County
MENDOCINO COUNTY
(B-H-Hw-D) - See Alameda County
MERCED COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
MODOC COUNTY
(B-H-Hw-D) - See Alameda County
MONO COUNTY
(B-H-Hw-D) - See Imperial County
MONTEREY COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
NAPA COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
NEVADA COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
ORANGE COUNTY
(B-H-Hw-D) - See Imperial County
(R) - See Imperial County
PLACER COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
PLUMAS COUNTY
(B-H-Hw-D) - See Alameda County
RIVERSIDE COUNTY
(B-H-Hw-D) - See Imperial County
(R) - See Imperial County
SACRAMENTO COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
SAN BENITO COUNTY
(B-H-Hw-D) - See Alameda County
SAN BERNARDINO COUNTY
(B-H-Hw-D) - See Imperial County
(R) - See Imperial County
SAN DIEGO COUNTY
Decision #AP-255 (B-H-Hw-D)
37 FR 28808 - 12/29/72
Mod. #1 - 38 FR 4076 - 2/9/73

CALIFORNIA (Cont'd)

SAN DIEGO COUNTY (Cont'd)
Decision #AP-256 (R)
37 FR 28814 - 12/29/72
Mod. #1 - 38 FR 4076 - 2/9/73
SAN FRANCISCO COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
SAN JOAQUIN COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
SAN LUIS OBISPO COUNTY
(B-H-Hw-D) - See Imperial County
SAN MATEO COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
SANTA BARBARA COUNTY
(B-H-Hw-D) - See Imperial County
(R) - See Imperial County
SANTA CLARA COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
SANTA CRUZ COUNTY
(B-H-Hw-D) - See Alameda County
SHASTA COUNTY
(B-H-Hw-D) - See Alameda County
SIERRA COUNTY
(B-H-Hw-D) - See Alameda County
SISKIYOU COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
SOLANO COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
SONOMA COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
STANISLAUS COUNTY
(B-H-Hw-D) - See Alameda County
SUTTER COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
TEHAMA COUNTY
(B-H-Hw-D) - See Alameda County
TRINITY COUNTY
(B-H-Hw-D) - See Alameda County

CALIFORNIA (Cont'd)

TULARE COUNTY
(B-H-Hw-D) - See Alameda County
TUOLUMNE COUNTY
(B-H-Hw-D) - See Alameda County
VENTURA COUNTY
(B-H-Hw-D) - See Imperial County
(R) - See Imperial County
YOLO COUNTY
(B-H-Hw-D) - See Alameda County
(R) - See Alameda County
YUBA COUNTY
(B-H-Hw-D) -See Alameda County
(R) - See Alameda County

COLORARO

STATEWIDE
Decision #AP-232 (Hw)
37 - FR 18854 - 9-15-72
Mod. #1 - 38 FR 5085 - 2/23/73
Mod. #1 - 37 FR 28343 - 12/22/72
Mod. #2 - 38 FR 5085 - 2/23/73
ADAMS COUNTY
(Hw) - See Statewide
Decision #AP-234 (B-H-Hw)
37 FR 18868 - 9-15-72
Mod. #1 - 37 FR 28348 - 12/22/72
Mod. #2 - 38 FR 5085 - 2/23/73
Decision #AM-6,723 (R)
37 FR 7921 - 4-21-72
ALAMOSA COUNTY
(Hw) - See Statewide
ARAPAHOE COUNTY
(Hw) - See Statewide
(B-H-Hw) - See Adams County
(R) - See Adams County
ARCHULETA COUNTY
(Hw) - See Statewide
BACA COUNTY
(Hw) - See Statewide
BENT COUNTY
(Hw) - See Statewide
BOULDER COUNTY
(Hw) - See Statewide
(B-H-Hw)(Southeast Portion incl. City of Boulder) - See Adams Co.
(R) - See Adams County
CHAFFEE COUNTY
(Hw) - See Statewide
CHEYENNE COUNTY
(Hw) - See Statewide

COLORADO (cont'd)

CLEAR CREEK
(Hw) - See Statewide
(R) - See Adams County
CONEJOS COUNTY
(Hw) - See Statewide
COSTILLA COUNTY
(Hw) - See Statewide
CROWLEY COUNTY
(Hw) - See Statewide
CUSTER COUNTY
(Hw) - See Statewide
DELTA COUNTY
(Hw) - See Statewide
DENVER COUNTY
(Hw) - See Statewide
(B-H-Hw) - See Adams County
(R) - See Adams County
DOLORES COUNTY
(Hw) - See Statewide
DOUGLAS COUNTY
(Hw) - See Statewide
(B-H-Hw) - See Adams County (Northern Portion)
(R) - See Adams County
EAGLE COUNTY
(Hw) - See Statewide
ELBERT COUNTY
(Hw) - See Statewide
(B-H-Hw) (Northern Portion) See Adams County
(R) - See Adams County
EL PASO COUNTY
(Hw) - See Statewide
Decision #AP-233 (B, H, Hw)
37 FR 18861 - 9/15/72
Mod. #1 - 37 FR 28345 - 12/22/72
Mod. #2 - 38 FR 5085 - 2/23/73
FREMONT COUNTY
(Hw) - See Statewide
GARFIELD COUNTY
(Hw) - See Statewide
GILPIN COUNTY
(Hw) - See Statewide
(R) - See Adams County
GRAND COUNTY
(Hw) - See Statewide
GUNNISON COUNTY
(Hw) - See Statewide
HINSDALE COUNTY
(Hw) - See Statewide
HUERFANO COUNTY
(Hw) - See Statewide

COLORADO (Cont'd)

JACKSON COUNTY
(Hw) - See Statewide
JEFFERSON COUNTY
(Hw) - See Statewide
(B-H-Hw) - See Adams County
(R) - See Adams County
KIOWA COUNTY
(Hw) - See Statewide
KIT COUNTY
(Hw) - See Statewide
LAKE COUNTY
(Hw) - See Statewide
LAPLATA COUNTY
(Hw) - See Statewide
LARIMER COUNTY
(Hw) - See Statewide
LAS ANIMAS COUNTY
(Hw) - See Statewide
LINCOLN COUNTY
(Hw) - See Statewide
LOGAN COUNTY
(Hw) - See Statewide
MESA COUNTY
(Hw) - See Statewide
MINERAL COUNTY
(Hw) - See Statewide
MOFFAT COUNTY
(Hw) - See Statewide
MONTEZUMA COUNTY
(Hw) - See Statewide
MONTROSE COUNTY
(Hw) - See Statewide
MORGAN COUNTY
(Hw) - See Statewide
OTERO COUNTY
(Hw) - See Statewide
OURAY COUNTY
(Hw) - See Statewide

COLORADO (Cont'd)

PARK COUNTY
(Hw) - See Statewide
PHILLIPS COUNTY
(Hw) - See Statewide
PITKIN COUNTY
(Hw) - See Statewide
PROWERS COUNTY
(Hw) - See Statewide
PUEBLO COUNTY
(Hw) - See Statewide
RIO BLANCO COUNTY
(Hw) - See Statewide
RIO GRANDE COUNTY
(Hw) - See Statewide
ROUTT COUNTY
(Hw) - See Statewide
SAGUACHE COUNTY
(Hw) - See Statewide
SAN JUAN COUNTY
(Hw) - See Statewide
SAN MIGUEL COUNTY
(Hw) - See Statewide
SEDGWICK COUNTY
(Hw) - See Statewide
SUMMIT COUNTY
(Hw) - See Statewide
TELLER COUNTY
(Hw) - See Statewide
WASHINGTON COUNTY
(Hw) - See Statewide
WELD COUNTY
(Hw) - See Statewide
(B-H-Hw)(Southwest Portion) - See Adams County
YUMA COUNTY
(Hw) - See Statewide

CONNECTICUT

FAIRFIELD COUNTY
Decision #AP-445 (B,H,Hw)
37 FR 25130 - 11/25/72
Decision #AM-9322 (D)
37 FR 10693 - 5/26/72
Mod. #1 - 37 FR 19871 - 9/22/72
HARTFORD COUNTY
Decision #AP-446 (B, H, Hw)
37 FR 25134 - 11/25/72
LITCHFIELD COUNTY
DEcision #AP-447 (B, H, Hw)
37 FR 25137 - 11/25/72
MIDDLESEX COUNTY
Decision #AP-436 (B, H, Hw)
37 FR 21753 - 10/13/72
Mod. #1 - 37 FR 25103 - 11/25/72
(D)-See Fairfield County
NEW HAVEN COUNTY
DEcision #AP-448 (B, H, Hw)
37 FR 25140 - 11/25/72
(D)-See Fairfield County
NEW LONDON COUNTY
Decision #449 (B, H, Hw)
37 FR 25144 - 11/25/72
(D)-See Fairfield County
TOLLAND COUNTY
Decision #AP-434 (B, H, Hw)
37 FR 21234 - 10/6/72
Mod. #1 - 37 FR 25103 - 11/25/72
WINDHAM COUNTY
Decision #AP-437 (B, H, Hw)
37 FR 21756 - 10/13/72
Mod. #1 - 37 FR 25103 - 11/25/72

DELAWARE

STATEWIDE
Decision #AM-9322 (D)
37 FR 10693 - 5/26/72
Mod. #1 - 37 FR 19871 - 9/22/72
Decision #AP-444 (B, H, Hw)
37 FR 24517 - 11/17/72
Mod. #1 - 37 FR 26198 - 12/8/72
Mod. #2 - 37 FR 28350 - 12/22/72
Mod. #3 - 37 FR 28799 - 12/29/72
Mod. #4 - 38 FR 3246 - 2/2/73
Mod. #5 - 38 FR 5758 - 3/2/73
KENT COUNTY
(D) - See Statewide
(B,H,Hw) - Statewide

CONNECTICUT (cont'd)

NEW CASTLE COUNTY
(D) - See Statewide
(B,H,Hw) - See Statewide
SUSSEX COUNTY
(D) - See Statewide
(B,H,Hw) - See Statewide

FLORIDA

ALACHUA COUNTY
Decision #AP-121 (B,H,Hw)
37 FR 21237 - 10-6-72
Mod. #1-37 FR 25104 - 11/25/72
Mod. #2-38 FR 3246 - 2/2/73
Mod. #3-38 FR 5086 - 2/23/73
Decision #AM-462 (R)
37 FR 16406 - 8-20-71
BAKER COUNTY
Decision #AP-463 (R)
36 FR 16407 - 8-20-71
BAY COUNTY
Decision #AP-122 (B,H,Hw)
37 FR 21240 - 10-6-72
Mod. #1 - 38 FR 5086 - 2/23/73
Decision #AM-8589 (D)
37 FR 5654 - 3-17-72
Mod. #1-37 FR 24506 - 11/17/72
BRADFORD COUNTY
None
BREVARD COUNTY (Cape Kennedy Kennedy Space Flight Center & Patrick AFB only)
Decision #AP-128 (B,H,Hw)
37 FR 24535 - 11/17/72
Mod. #1-37 FR 26778 - 12/15/72
Decision #AM-8590 (D)
37 FR 5655 - 3-17-72
Mod. #1-37 FR 24506 - 11/17/72
BROWARD COUNTY
Decision #AP-123 (B,H,Hw)
37 FR 24521 - 11/17/72
Mod. #1-37 FR 26777 - 12/15/72
Mod. #2-38 FR 3246 - 2/2/73
Mod. #3-38 FR 5086 - 2/23/73
(D) - See Brevard County
CALHOUN COUNTY
None
CHARLOTTE COUNTY
(D) - See Brevard County
CITRUS COUNTY
(D) - See Brevard County
CLAY COUNTY
(R) - See Baker County

FLORIDA (cont'd)

COLLIER COUNTY
(D) - See Brevard County
COLUMBIA COUNTY
None
DADE COUNTY
Decision #AP-127 (B,H,Hw)
37 FR 24531 - 11/17/72
Mod. #1-37 FR 26777 - 12/15/72
Mod. #2-38 FR 2007 - 1/19/73
Mod. #3-38 FR 3246 - 2/2/73
Mod. #4-38 FR 5084 - 2/23/73
(D)-See Brevard County
DESOTO COUNTY
None
DIXIE COUNTY
(D)-See Brevard County
(R)-See Alachua County
DUVAL COUNTY
Decision #AP-131 (B, H, Hw)
37 FR 28362 - 12/22/72
Mod. #1-38 FR 3246 - 2/2/73
Mod. #2-38 FR 5087 - 2/23/73
(D) - See Brevard County
(R) - See Baker County
ESCAMBIA COUNTY
Decision #AP-105 (B,H,Hw)
37 FR 13939 - 7-14-72
Mod. #1-37 FR 15795 - 8-4-72
Mod. #2-37 FR 17900 - 9-1-72
(Decision #AM-464 (R)
36 FR 16408 - 8-20-71
(D) - See Bay County
FLAGLER COUNTY
(D) - See Brevard County
FRANKLIN COUNTY
(D) - See Bay County
GADSDEN COUNTY
Decision #AM-465 (R)
36 FR 16409 - 8-20-71
GILCHRIST COUNTY
(R) - See Alachua County
GLADES COUNTY
None
GULF COUNTY
(D) - See Bay County
HAMILTON COUNTY
None

FLORIDA (cont'd)

HARDEE COUNTY
None
HENDRY COUNTY
None
HERNANDO COUNTY
(D) - See Brevard County
HIGHLANDS COUNTY
None
HILLSBOROUGH COUNTY
Decision #AP-125 (B,H,Hw)
37 FR 24525 - 11/17/72
Mod. #1-37 FR 26777 - 12/15/72
Mod. #2-38 FR 5086 - 2/23/73
(D) - See Brevard County
HOLMES COUNTY
None
INDIAN RIVER COUNTY
(D) - See Brevard County
JACKSON COUNTY
None
JEFFERSON COUNTY
(D) - See Bay County
(R) - See Gadsden County
LAFAYETTE COUNTY
(R) - See Alachua County
LAKE COUNTY
Decision #AM-467 (R)
36 FR 16411 - 8/20/71
LEE COUNTY
(D) - See Brevard County
LEON COUNTY
Decision #AP-142 (B, H, Hw)
37 FR 28365 - 12/22/72
Mod. #1 - 38 FR 5086 - 2/23/73
LEVY COUNTY
(D) - See Brevard County
(R) - See Alachua County
LIBERTY COUNTY
None
MADISON COUNTY
(R) - See Gadsden County
MANATEE COUNTY
(D) - See Brevard County
MARION COUNTY
(R) - See Alachua County
MARTIN COUNTY
(D) - See Brevard County

FLORIDA (Cont'd)

MONROE COUNTY
Decision #AP-124 (B, H, Hw)
37 FR 24524 - 11/17/72
Mod. #1 - 37 FR 26777 - 12/15/72
Mod. #2 - 38 FR 3246 - 2/2/73
Mod. #3 - 38 FR 5086 - 2/23/73
(D) - See Brevard County
NASSAU COUNTY
(D) - See Brevard County
(R) - See Baker County
OKALOOSA COUNTY
(B,H,Hw) - See Escambia
(D) - See Bay County
Decision #AM-466 (R)
36 FR 6410 - 8/20/71
OKEECHOBEE COUNTY
None
ORANGE COUNTY
Decision #AP-130 (B, H, Hw)
37 FR 28359 - 12/22/72
Mod. #1 - 38 3246 - 2/2/73
Mod. #2 - 38 FR 5087 - 2/23/73
Mod. #3 - 38 FR 5758 - 3/2/73
(R) - See Lake County
OSCEOLA COUNTY
(R) - See Lake County
PALM BEACH COUNTY
Decision #AP-129 (B,H,Hw)
37 FR 26233 - 12/8/72
Mod #1 - 38 FR 3246 - 2/2/73
(D) - See Brevard County
PASCO COUNTY
(D) - See Brevard County
PINELLAS COUNTY
Decision #AP-126 (B,H,Hw)
37 FR 24528 - 11/17/72
Mod. #1-37 FR 26777 - 12/15/72
Decision #AM-468 (R)
36 FR 16412 - 8-20-71
(D) - See Brevard County

FLORIDA (cont'd)

POLK COUNTY
None
PUTNAM COUNTY
(R) - See Baker County
ST. JOHNS COUNTY
(D) - See Brevard County
(R) - See Baker County
ST. LUCIE COUNTY
(D) - See Brevard County
SANTA ROSA COUNTY
(B,H,Hw) - See Escambia County
(D) - See Bay County
(R) - See Okaloosa County
SARASOTA COUNTY
(D) - See Brevard County
SEMINOLE COUNTY
(R) - See Lake County
SUMTER COUNTY
None
SUWANNEE COUNTY
(R) - See Baker County
TAYLOR COUNTY
(D) - See Brevard County
(R) - See Gadsden County
UNION COUNTY
(R) - See Alachua County
VOLUSIA COUNTY (Cape Kennedy, Kennedy Space Flight Center & Patrick Air Force Base only)
(B, H, Hw) - See Brevard County
(D) - See Brevard County
WAKULLA COUNTY
(D) - See Bay County
WALTON COUNTY
(B, H, Hw) - See Escambia County
(D) - See Bay County
(R) - See Okaloosa County
WASHINGTON COUNTY
None

GEORGIA

APPLING COUNTY
Decision #AM-473 (Hw)
36 FR 16421 - 8/20/71
ATKINSON COUNTY
(Hw) - See Appling County
BACON COUNTY
(Hw) - See Appling County
BAKER COUNTY
(Hw) - See Appling County
BALDWIN COUNTY
Decision #AM-472 (Hw)
36 FR 16420 - 8/20/71
BANKS COUNTY
Decision AM-471 (Hw)
36 FR 16419 - 8/20 71
BARROW COUNTY
(Hw) - See Banks County
BARTON COUNTY
(Hw) - See Banks County
BEN HILL COUNTY
(Hw) - See Appling County
BERRIEN COUNTY
(Hw) - See Appling County
BIBB COUNTY
(hw) - See Baldwin County
BLECKLEY COUNTY
(Hw) - See Appling County
BRANTLEY COUNTY
(Hw) - See Appling County

GEORGIA (Cont'd)

BROOKS COUNTY
(Hw) - See Appling County
BRYAN COUNTY
Decision #AM-475 (Hw)
36 FR 16424 - 8-20-71
Decision #AP-439 (D)
37 FR 22701 - 10-20-72
BULLOCH COUNTY
(Hw) - See Appling County
BURKE COUNTY
(Hw) - See Baldwin County
BUTTS COUNTY
(Hw) - See Baldwin County
CALHOUN COUNTY
(Hw) - See Calhoun County
CAMDEN COUNTY
(D) - See Bryan County
(Hw) - See Appling County
CANDLER COUNTY
(Hw) - See Appling County
CARROLL COUNTY
(Hw) - See Baldwin County
CATOOSA COUNTY
(Hw) - See Banks County
CHARLTON COUNTY
(Hw) - See Appling County
CHATHAM COUNTY
Decision #AP-148 (B, H, Hw)
38 FR 1457 - 1/12/73
Mod. #1 - 38 FR 4621 - 2/16/73

GEORGIA (Cont'd)

CHATHAM COUNTY
Decision #AP-151 (R)
38 FR 4088 - 2/9/73
(D) - See Bryan County
CHATTAHOOCHEE COUNTY
(Hw) - See Baldwin County
CHATTOOGA COUNTY
(Hw) - See Banks County
CHEROKEE COUNTY
(Hw) - See Banks County
CLARKE COUNTY
(Hw) - See Baldwin County
CLAY COUNTY
(Hw) - See Appling County
CLAYTON COUNTY
Decision #AM-474 (Hw)
36 FR 16423 - 8-20-71
(B,H) - See Fulton County
(R) - See Fulton County
CLINCH COUNTY
(Hw) - See Appling County
COBB COUNTY
(B,H,Hw) - See Fulton County
(R) - See Fulton County
COFFEE COUNTY
(Hw) - See Appling County
COLQUITT COUNTY
(Hw) - See Appling County
COLUMBIA COUNTY
(Hw) - See Baldwin County
COOK COUNTY
(Hw) - See Appling County
COWETA COUNTY
(Hw) - See Baldwin County
CRAWFORD COUNTY
(Hw) - See Baldwin County
CRISP COUNTY
(Hw) - See Baldwin County
DADE COUNTY
(Hw) - See Banks County
DAWSON COUNTY
(Hw) - See Banks County
DECATUR COUNTY
(Hw) - See Appling County
DeKALB COUNTY
(B,H,Hw) - See Fulton County
(R) - See Fulton County

GEORGIA (Cont'd)

DODGE COUNTY
(Hw) - See Appling County
DOOLY COUNTY
(Hw) - See Baldwin County
DOUGHERTY COUNTY
(Hw) - See Appling County
DOUGLAS COUNTY
(Hw) - See Banks County
EARLY COUNTY
(Hw) - See Appling County
ECHOLS COUNTY
(Hw) - See Appling County
EFFINGHAM COUNTY
(Hw) - See Appling County
ELBERT COUNTY
(Hw) - See Banks County
EMANUEL COUNTY
(Hw) - See Baldwin County
EVANS COUNTY
(Hw) - See Appling County
FANNIN COUNTY
(Hw) - See Banks County
FAYETTE COUNTY
(Hw) - See Baldwin County
FLOYD COUNTY
(Hw) - See Banks County
FORSYTH COUNTY
(Hw) - See Banks County
FRANKLIN COUNTY
(Hw) - See Banks County

FULTON COUNTY
Decision #AP-149 (B, H, Hw)
38 FR 1453 - 1/12/73
Mod. #1 - 38 FR 4621 - 2/16/73
Decision #AP-150 (R)
38 FR 3254 - 2/2/73
Mod. #1 - 38 FR 5088 - 2/23/73
GILMER COUNTY
(Hw) - See Banks County
GLASCOCK COUNTY
(Hw) - See Baldwin County
GLYNN COUNTY
(D) - See Bryan County
(Hw) - See Appling County
GORDON COUNTY
(Hw) - See Banks County
GRADY COUNTY
(Hw) - See Appling County

GEORGIA (Cont'd)

GWINNETT COUNTY
(Hw) - See Banks County
HABERSHAM COUNTY
(Hw) - See Banks County
HALL COUNTY
(Hw) - See Banks County
HANCOCK COUNTY
(Hw) - See Baldwin County
HARALSON COUNTY
(Hw) - See Banks County
HARRIS COUNTY
(Hw) - See Baldwin County
HART COUNTY
(Hw) - See Banks County
HEARD COUNTY
(Hw) - See Baldwin County
HENRY COUNTY
(Hw) - See Clayton County
HOUSTON COUNTY
(Hw) - See Baldwin County
IRWIN COUNTY
(Hw) - See Appling County
JACKSON COUNTY
(Hw) - See Banks County
JASPER COUNTY
(Hw) - See Baldwin County
JEFF DAVIS COUNTY
(Hw) - See Appling County
JEFFERSON COUNTY
(Hw) - See Baldwin County
JENKINS COUNTY
(Hw) - See Baldwin County
JOHNSON COUNTY
(Hw) - See Baldwin County
JONES COUNTY
(Hw) - See Baldwin County
LAMAR COUNTY
(Hw) - See Baldwin County
LANIER COUNTY
(Hw) - See Appling County
LAURENS COUNTY
(Hw) - See Appling County
LEE COUNTY
(Hw) - See Appling County
LIBERTY COUNTY
(D) - See Bryan County
(Hw) - See Bryan County
LINCOLN COUNTY
(Hw) - See Baldwin County

GEORGIA (Cont'd)

LONG COUNTY
(Hw) - See Appling County
LOWNDES COUNTY
(Hw) - See Appling County
LUMPKIN COUNTY
(Hw) - See Banks County
McDUFFIE COUNTY
(Hw) - See Baldwin County
McINTOSH COUNTY
(D) - See Bryan County
(Hw) - See Appling County
MACON COUNTY
(Hw) - See Baldwin County
MADISON COUNTY
(Hw) - See Banks County
MARION COUNTY
(Hw) - See Baldwin County
MERIWETHER COUNTY
(Hw) - See Baldwin County
MILLER COUNTY
(Hw) - See Appling County
MITCHELL COUNTY
(Hw) - See Appling County
MONROE COUNTY
(Hw) - See Baldwin County
MONTGOMERY COUNTY
(Hw) - See Appling County
MORGAN COUNTY
(Hw) - See Baldwin County
MURRAY COUNTY
(Hw) - See Banks County
MUSCOGEE COUNTY
(Hw) - See Baldwin County
NEWTON COUNTY
(Hw) - See Baldwin County
OCONEE COUNTY
(Hw) - See Baldwin County
OGLETHORPE COUNTY
(Hw) - See Baldwin County
PAULDING COUNTY
(Hw) - See Banks County
PEACH COUNTY
(Hw) - See Baldwin County
PICKENS COUNTY
(Hw) - See Banks County
PIERCE COUNTY
(Hw) - See Appling County
PIKE COUNTY
(Hw) - See Baldwin County

GEORGIA (Cont'd)

POLK COUNTY
(Hw) - See Banks County
PULASKI COUNTY
(Hw) - See Baldwin County
PUTNAM COUNTY
(Hw) - See Baldwin County
QUITMAN COUNTY
(Hw) - See Appling County
RABUN COUNTY
(Hw) - See Banks County
RANDOLPH COUNTY
(Hw) - See Appling County
RICHMOND COUNTY
(Hw) - See Baldwin County
ROCKDALE COUNTY
(Hw) - See Baldwin County
SCHLEY COUNTY
(Hw) - See Baldwin County
SCREVEN COUNTY
(Hw) - See Baldwin County
SEMINOLE COUNTY
(Hw) - See Appling County
SPALDING COUNTY
(Hw) - See Baldwin County
STEPHENS COUNTY
(Hw) - See Banks County
STEWART COUNTY
(Hw) - See Baldwin County
SUMTER COUNTY
(Hw) - See Baldwin County
TALBOT COUNTY
(Hw) - See Baldwin County
TALIAFERRO COUNTY
(Hw) - See Baldwin County
TATTNALL COUNTY
(Hw) - See Appling County
TAYLOR COUNTY
(Hw) - See Baldwin County
TELFAIR COUNTY
(Hw) - See Appling County
TERRELL COUNTY
(Hw) - See Appling County
THOMAS COUNTY
(Hw) - See Appling County
TIFT COUNTY
(Hw) - See Appling County
TOOMBS COUNTY
(Hw) - See Appling County

GEORGIA (Cont'd)

TOWNS COUNTY
(Hw) - See Banks County
TREUTLEN COUNTY
(Hw) - See Appling County
TROUP COUNTY
(Hw) - See Baldwin County
TURNER COUNTY
(Hw) - See Appling County
TWIGGS COUNTY
(Hw) - See Baldwin County
UNION COUNTY
(Hw) - See Banks County
UPSON COUNTY
(Hw) - See Baldwin County
WALKER COUNTY
(Hw) - See Banks County
WALTON COUNTY
(Hw) - See Baldwin County
WARE COUNTY
Decision #AP-155 (B)
38 FR 4073 - 2/9/73
Mod. #1 - 38 FR 5088 - 2/23/73
Decision #AP-160 (X)
38 FR 5083 - 2/23/73
(Hw) - See Appling County
WARREN COUNTY
(Hw) - See Baldwin County
WASHINGTON COUNTY
(Hw) - See Baldwin COunty
WAYNE COUNTY
(Hw) - See Appling County
WEBSTER COUNTY
(Hw) - See Baldwin County
WHEELER COUNTY
(Hw) - See Appling County
WHITE COUNTY
(Hw) - See Banks County
WHITFIELD COUNTY
(Hw) - See Banks County
WILCOX COUNTY
(Hw) - See Baldwin County
WILKES COUNTY
(Hw) - See Baldwin County
WILKINSON COUNTY
(Hw) - See Baldwin County
WORTH COUNTY
(Hw) - See Appling County

HAWAII

STATEWIDE
Decision #AP-247 (R)
37 FR 21759 - 10-13-72
Mod. #1 38 FR 5088 - 2/23/73
Decision #AP-208 (B,H,Hw)
37 FR 15797 - 8-4-72
Mod. #1-37 FR 21697 - 10-13-72
Mod. #2-38 FR 5088 - 2/23/73
HAWAII COUNTY
(B-H-Hw) - See Statewide
(R) - See Statewide
HONOLULU COUNTY
(B-H-Hw) - See Statewide
(R) - See Statewide
KAUAI COUNTY
(B-H-Hw) - See Statewide
(R)-See Statewide
MAUI COUNTY
(B-H-Hw) - See Statewide
(R)-See Statewide

IDAHO

ADA COUNTY
Decision #AP-228 (B-H-Hw)
37 FR 17352 - 8-25-72
Mod. #1-37 FR 20388 - 9-29-72
Mod. #2-38 FR 1434 - 1/12/73
Decision #AP-257 (R)
38 FR 1459 - 1/12/73
ADAMS COUNTY
(B-H-Hw) - See Ada County
BANNOCK COUNTY
Decision #AP-226 (B-H-Hw)
37 FR 17328 - 8-25-72
Mod. #1-37 FR 20386 - 9-29-72
BEAR LAKE COUNTY
(B-H-Hw) - See Bannock County
BENEWAH COUNTY
Decision #AP-227 (B-H-Hw)
37 FR 17332 - 8-25-72
Mod. #1-37 20387 - 9-29-72
Mod. #2-37 FR 21698 - 10-12-72
Mod. #3-37 FR 23052 - 10-27-72
Mod. #4-38 FR 3247 - 2/2/73
BINGHAM COUNTY
(B-H-Hw) - See Bannock County

IDAHO (cont'd)

BLAINE COUNTY
(B-H-Hw) - See Ada County
BOISE COUNTY
(B-H-Hw) - See Ada County
BONNER COUNTY
(B-H-Hw) - See Benewah County
BONNEVILLE COUNTY
(B-H-Hw) - See Bannock County
BOUNDARY COUNTY
(B-H-Hw) - See Benewah County
BUTTE COUNTY
(B-H-Hw) - See Ada County
CAMAS COUNTY
(B-H-Hw) - See Ada County
CANYON COUNTY
(B-H-Hw) - See Ada County
CARIBOU COUNTY
(B-H-Hw) - See Bannock County
CASSIA COUNTY
(B-H-Hw) - See Ada County
CLARK COUNTY
(B-H-Hw) - See Bannock County
CLEARWATER COUNTY
(B-H-Hw) - See Benewah County
COSTER COUNTY
(B-H-Hw) - See Ada County
ELMORE COUNTY
(B-H-Hw) - See Ada County
FRANKLIN COUNTY
(B-H-Hw) - See Bannock County
FREMONT COUNTY
(B-H-Hw) - See Bannock County
GEM COUNTY
(B-H-Hw) - See Ada County
GOODING COUNTY
(B-H-Hw) - See Ada County
IDAHO COUNTY
(B-H-Hw) - See Benewah County
JEFFERSON COUNTY
(B-H-Hw) - See Bannock County
JEROME COUNTY
(B-H-Hw) - See Ada County
KOOTENAI COUNTY
(B-H-Hw) - See Benewah County
LATAH COUNTY
(B-H-Hw) - See Benewah County

IDAHO (Cont'd)

LEMHI COUNTY
(B-H-Hw) - See Ada County
LEWIS COUNTY
(B-H-Hw) - See Benewah County
LINCOLN COUNTY
(B-H-Hw) - See Ada County
MADISON COUNTY
(B-H-Hw) - See Bannock County
MINIDOKA COUNTY
(B-H-Hw) - See Ada County
NEZ PERCE COUNTY
(B-H-Hw) - See Benewah County
ONEIDA COUNTY
(B-H-Hw) - See Bannock County
OWYHEE COUNTY
(B-H-Hw) - See Ada County
PAYETTE COUNTY
(B-H-Hw) - See Ada County
POWER COUNTY
(B-H-Hw) - See Bannock County
SHOSHONE COUNTY
(B-H-Hw) - See Benewah County
TETON COUNTY
(B-H-Hw) - See Bannock County
TWIN FALLS COUNTY
(B-H-Hw) - See Ada County
VALLEY COUNTY
(B-H-Hw) - See Ada County
WASHINGTON COUNTY
(B-H-Hw) - See Ada County

ILLINOIS

ADAMS COUNTY
Decision #AP-14 (Hw)
37 FR 19983 - 9-22-72
Mod. #1-37 FR 26198 - 12/8/72
ALEXANDER COUNTY
Decision #AP-16 (Hw)
37 FR 19994 - 9-22-72
Mod. #1-37 FR 26778 - 12/15/72
Decision #AP-602 (D)
38 FR 1433 - 1/12/73
BOND COUNTY
Decision #AP-7 (Hw)
37 FR 15816 - 8-4-72
Mod. #1-37 FR 18833 - 9-15-72
BOONE COUNTY
Decision #AP-10 (Hw)
37 FR 19950 - 9-22-72
BROWN COUNTY
(Hw) - See Adams County
(D) - See Alexander County

ILLINOIS (Cont'd)

BUREAU COUNTY
Decision #AP-11 (Hw)
37 FR 19958 - 9/22/72
CALHOUN COUNTY
(Hw) - See Bond County
(D) - See Alexander County
CARROLL COUNTY
(Hw) - See Bureau County
CASS COUNTY
(Hw) - See Adams County
(D) - See Alexander County
CHAMPAIGN COUNTY
Decision #AP-24 (B)(H)(Hw)
37 FR 21243 - 10-6-72
Mod. #1-37 FR 25104 - 11/25/72
Decision #AP-13 (Hw)
37 FR 19978 - 9-22-72

CHRISTIAN COUNTY
(Hw) - See Adams County
CLARK COUNTY
(Hw)-See Champaign County
CLAY COUNTY
Decision #AP-15 (Hw)
37 FR 19989 - 9-22-72
CLINTON COUNTY
(Hw) - See Bond County
COLES COUNTY
(Hw) - See Champaign COunty
COOK COUNTY
Decision #AP-28 (B)(H)(Hw)
37 FR 23513 - 11-3-72
Mod. #1-37 FR 24509 - 11/17/72
Mod. #2-37 FR 25104 - 11/25/72
Mod. #3-37 FR 26198 - 12/8/72
Decision #AP-29 (B)
37 FR 23490 - 11-3-72
Mod. #1-37 FR 24509 - 11/17/72
Mod. #2-37 FR 26198 - 12/8/72
Decision #AP-4 (D)
37 FR 14670 - 7-21-72
CRAWFORD COUNTY
(Hw) - See Clay County
CUMBERLAND COUNTY
(Hw) - See Champaign County
DEKALB COUNTY
(Hw) - See Boone County
DEWITT COUNTY
(Hw) - See Champaign County
DOUGLAS COUNTY
(Hw) - See Champaign County

ILLINOIS (Cont'd)

DU PAGE COUNTY
Decision #AP-30 (B)(H)
37 FR 23975 - 11/10/72
Mod. #1-37 FR 25615 - 12/1/72
Decision #AP-31 (R)
37 FR 23961 - 11/10/72
Mod. #1-37 FR 25615 - 12/1/72
(Hw) - See Boone County
EDGAR COUNTY
(Hw) - See Champaign County
EDWARDS COUNTY
(Hw) - See Clay County
EFFINGHAM COUNTY
(Hw) - See Clay County
FAYETTE COUNTY
(Hw) - See Clay County
FORD COUNTY
None
FRANKLIN COUNTY
(Hw) - See Alexander County
FULTON COUNTY
Decision #AP-12 (Hw)
37 FR 19970 - 9-22-72
GALLATIN COUNTY
(Hw) - See Alexander County
(D) - See Alexander County
GREENE COUNTY
(Hw) - See Bond County
(D) - See Alexander County
GRUNDY COUNTY
None
HAMILTON COUNTY
(Hw) - See Clay County
HANCOCK COUNTY
(Hw) - See Fulton County
HARDIN COUNTY
(Hw) - See Alexander County
(D) - See Alexander County
HENDERSON COUNTY
(Hw) - See Fulton County
HENRY COUNTY
(Hw) - See Bureau County
IROQUOIS COUNTY
None
JACKSON COUNTY
(Hw) - See Alexander County
(D) - See Alexander County
JASPER COUNTY
(Hw) - See Clay County

ILLINOIS (Cont'd)

JEFFERSON COUNTY
(Hw) - See Clay County
JERSEY COUNTY
(Hw) - See Bond County
(D) - See Alexander County
JO DAVIESS COUNTY
(Hw) - See Bureau County
JOHNSON COUNTY
(Hw) - See Alexander County
KANE COUNTY
Decision #AP-32 (B) (H)
37 FR 25631 - 12/1/72
Decision #AP-33 (R)
37 FR 25603 - 12/1/72
(Hw) - See Boone County
KANKAKEE COUNTY
None
KENDALL COUNTY
(Hw) - Boone County
KNOX COUNTY
(Hw) - See Fulton County
LAKE COUNTY
Decision #AP-51 (B) (H)
37 FR 26235 - 12/8/72
Mod. #1 - 37 FR 28351 - 12/22/72
Decision #AP-52 (R)
37 FR 26191 - 12/8/72
Mod. #1 - 37 FR 28351 - 12/22/72
(D) - See Cook County
(Hw) - See Boone County
LA SALLE COUNTY
None
LAWRENCE COUNTY
(Hw) - See Clay County
LEE COUNTY
(Hw) - See Bureau County
LIVINGSTON COUNTY
None
LOGAN COUNTY
(Hw) - See Adams County
McDONOUGH COUNTY
(Hw) - See Fulton County
McHENRY COUNTY
(Hw) - See Boone County
McLEAN COUNTY
None
MACON COUNTY
(Hw) - See Champaign County

ILLINOIS (cont'd)

MACOUPIN COUNTY
(Hw) - See Bond County
MADISON COUNTY
Decision #AP-617 (B, H)
38 FR 2590 - 1/26/73
Mod. #1 - 38 FR 4622 - 2/16/73
Decision #AP-618 (R)
38 FR 2563 - 1/26/73
Mod. #1 - 38 FR 4623 - 2/16/73
(Hw) - See Bond County
(D) - See Alexander County
MARION COUNTY
(Hw) - See Clay County
MARSHALL COUNTY
None
MASON COUNTY
(Hw) - See Adams County
MASSAC COUNTY
(Hw, D) - See Alexander County
MENARD COUNTY
(Hw) - See Adams County
MERCER COUNTY
(Hw) - See Fulton County
MONROE COUNTY
(Hw) - See Bond County
(D) - See Alexander County
MONTGOMERY COUNTY
(Hw) - See Bond County
MORGAN COUNTY
(Hw) - See Adams County
(D) - See Alexander County
MOULTRIE COUNTY
(Hw) - See Champaign County
OGLE COUNTY
(Hw) - See Bureau County
PEORIA COUNTY
Decision #AP-637 (B, H, D)
38 FR 5012 - 2/23/73
Decision #AP-622 (R)
38 FR 3242 - 2/2/73
(Hw) - See Fulton County
PERRY COUNTY
(Hw) - See Alexander County
PIATT COUNTY
(Hw) - See Champaign County
PIKE COUNTY
(Hw) - See Adams County
(D) - See Alexander County
POPE COUNTY
(Hw , D) - See Alexander County

ILLINOIS (cont'd)

PULASKI COUNTY
(Hw, D) - See Alexander County
PUTNAM COUNTY
None
RANDOLPH COUNTY
(Hw, D) - See Alexander County
RICHLAND COUNTY
(Hw) - See Clay County
ROCK ISLAND COUNTY
Decision #AP-616 (B, H)
38 FR 2585 - 1/26/73
Mod. #1 - 38 FR 4621 - 2/16/73
(Hw) - See Bureau County
SAINT CLAIR COUNTY
Decision #AP-619 (B,H)
38 FR 3255 - 2/2/73
Mod. #1 - 38 FR 4624 - 2/16/73
Decision #AP-620 (R)
38 FR 3237 - 2/2/73
(Hw) - See Bond County
(D) - See Alexander County
SALINE COUNTY
(Hw) - See Alexander County
SANGAMON COUNTY
Decision #AP-79 (B, H)
37 FR 28368 - 12/22/72
Mod. #1 - 38 FR 2568 - 1/26/73
(Hw) - See Adams County
SCHUYLER COUNTY
(Hw) - See Adams County
SCOTT COUNTY
(Hw) - See Adams County
(D) - See Alexander County
SHELBY COUNTY
(Hw) - See Champaign County
STARK COUNTY
(Hw) - See Fulton County
STEPHENSON COUNTY
(Hw) - See Bureau County
TAZEWELL COUNTY
(R) - See Peoria County
(Hw) - See Fulton County
UNION COUNTY
(Hw, D) - See Alexander County
VERMILLION COUNTY
Decision #AP-615 (B,H)
38 FR 2580 - 1/26/73
Mod. #1 - 38 FR 5088 - 2/23/73
(Hw) - See Champaign County
WABASH COUNTY
(Hw) - See Clay County

ILLINOIS (Cont'd)

WARREN COUNTY
(Hw) - See Fulton County
WASHINGTON COUNTY
(Hw) - See Bond County
WAYNE COUNTY
(Hw) - See Clay County
WHITE COUNTY
(Hw) - See Clay County
WHITESIDE COUNTY
(Hw) - See Bureau County
WILL COUNTY
Decision #AP-68 (B) (H)
37 FR 26420 - 12/8/72
Mod. #1 - 38 FR 2568 - 1/26/73
Decision #AP-69 (R)
37 FR 26194 - 12/8/72
Mod. #1 - 38 FR 4076 - 2/9/73
(Hw) - See Boone County
WILLIAMSON COUNTY
Decision #AP-603 (B, H)
38 FR 2572 - 1/26/73
(Hw) - See Alexander County
WINNEBAGO COUNTY
Decision #AP-604 (B, H)
38 FR 2575 - 1/26/73
(Hw) - See Bureau County
WOODFORD COUNTY
None

INDIANA

ADAMS COUNTY
Decision #AP-17 (Hw)
37 FR 20415 - 9-29-72
Mod. #1-37 FR 23053 - 10-27-72
Mod. #2-37 FR 26199 - 12/8/72
ALLEN COUNTY
Decision #AP-623 (B, H)
38 FR 4089 - 2/9/73
Decision #AM-371 (R)
36 FR 15390-8-13-71
(Hw) - See Adams County

INDIANA (Cont'd)

BARTHOLOMEW COUNTY
Decision #AP-624 (B, H)
38 FR 4095 - 2/9/73
Decision #AP-21 (Hw)
37 FR 20433 - 9-29-72
Mod. #1-37 FR 23053 - 10-27-72
Mod. #2-37 FR 26200 - 12/8/72
Mod. #3-37 FR 28351 - 12/22/72
BENTON COUNTY
Decision #AP-625 (B, H)
38 FR 4101 - 2/9/73
Decision #AP-18 (Hw)
37 FR 20420 - 9-29-72
Mod. #1-37 FR 23053 - 10-27-72
Mod. #2-37 FR 26199 - 12/8/72
Mod. #3-37 FR 28351 - 12/22/72
BLACKFORD COUNTY
Decision #AP-19 (Hw)
37 FR 20424 - 9-29-72
Mod. #1-37 FR 23053 - 10-27-72
Mod. #2-37 FR 26199 - 12/8/72
BOONE COUNTY
Decision #AM-372 (R)
36 FR 15391 - 8-13-71
Decision #AP-20 (Hw)
37 FR 20428 - 9-29-72
Mod. #1-37 FR 26199 - 12/8/72
BROWN COUNTY
(Hw) - See Bartholomew County
CARROLL COUNTY
(Hw) - See Benton County
CASS COUNTY
(Hw) - See Benton County
CLARK COUNTY
Decision #AP-602 (D)
38 FR 1433 - 1/12/73
(Hw) - See Bartholomew County
CLAY COUNTY
(Hw) - See Boone County
CLINTON COUNTY
(Hw) - See Benton County

INDIANA (Cont'd)

CRAWFORD COUNTY
Decision #AP-22 (Hw)
37 FR 20437 - 9-29-72
Mod. #1-37 FR 23053 - 10-27-72
Mod. #2-37 FR 26200 - 12/8/72
Mod. #3-37 FR 28351 - 12/22/72
(D) - See Clark County
DAVIESS COUNTY
(Hw) - See Boone County
DEARBORN COUNTY
Decision #AP-626 (B, H)
38 FR 4107 - 2/9/73
(D) - See Clark County
(Hw) - See Bartholomew County
DECATUR COUNTY
(Hw) - See Bartholomew County
DEKALB COUNTY
(Hw) - See Adams County
DELAWARE COUNTY
Decision #AP-627 (B, H)
38 FR 4111 - 2/9/73
(Hw) - See Blackford County
DUBOIS COUNTY
(Hw) - See Crawford County
ELKHART COUNTY
(Hw) - See Adams County
FAYETTE COUNTY
(Hw) - See Blackford County
FLOYD COUNTY
(D) - See Clark County
(Hw) - See Bartholomew County
FOUNTAIN COUNTY
(Hw) - See Boone County
FRANKLIN COUNTY
(Hw) - See Bartholomew COunty
FULTON COUNTY
(Hw) - See Benton County
GIBSON COUNTY
(Hw) - See Crawford County

INDIANA (Cont'd)

GRANT COUNTY
Decision #AP-628 (B, H)
38 FR 4116 - 2/9/73
(Hw) - See Blackford County
GREENE COUNTY
(Hw) - See Boone County
HAMILTON COUNTY
(Hw) - See Blackford County
(R) - See Boone County
HANCOCK COUNTY
(Hw) - See Blackford County
(R) - See Boone County
HARRISON COUNTY
(D) - See Clark County
(Hw) - See Bartholomew County
HENDRICKS COUNTY
(Hw) - See Boone County
(R) - See Boone County
HENRY COUNTY
(Hw) - See Blackford County
HOWARD COUNTY
(Hw) - See Benton County
HUNTINGTON COUNTY
(Hw) - See Adams County
JACKSON COUNTY
(Hw) - See Bartholomew County
JASPER COUNTY
(Hw) - See Benton County
JAY COUNTY
(Hw) - See Blackford County
JEFFERSON COUNTY
(D) - See Clark County
(Hw) - See Bartholomew County
JENNINGS COUNTY
(Hw) - See Bartholomew County
JOHNSON COUNTY
(Hw) - See Blackford County
(R) - See Boone County
KNOX COUNTY
(Hw) - See Boone County
KOSCIUSKO COUNTY
(Hw) - See Adams County

INDIANA (Cont'd)

LAGRANGE COUNTY
(Hw) - See Adams County
LAKE COUNTY
Decision #AP-629 (B, H, Hw)
38 FR 4121 - 2/9/73
Decision #AP-4 (D)
37 FR 14670 - 7-21-72
LAPORTE COUNTY
Decision #AP-630 (B, H, Hw)
38 FR 4126 - 2/9/73
(D) - See Lake County
LAWRENCE COUNTY
(Hw) - See Bartholomew County
MADISON COUNTY
(Hw) - See Blakford County
MARION COUNTY
Decision #AP-631 (B, H)
38 FR 4131 - 2/9/73
(R) - See Boone County
(Hw) - See Blackford County
MARSHALL COUNTY
(Hw) - See Adams County
MARTIN COUNTY
(Hw) - See Bartholomew County
MIAMI COUNTY
(Hw) - See Benton County
MONROE COUNTY
Decision #AP-632 (B, H)
38 FR 4137 - 2/9/73
(Hw) - See Bartholomew County
MONTGOMERY COUNTY
(Hw) - See Boone County
MORGAN COUNTY
(R) - See Boone County
(Hw) - See Boone County
NEWTON COUNTY
(Hw) - See Benton County
NOBLE COUNTY
(Hw) - See Adams County

INDIANA (Cont'd)

OHIO COUNTY
(D) - See Clark County
(Hw) - See Bartholomew County
ORANGE COUNTY
(Hw) - See Bartholomew County
OWEN COUNTY
(Hw) - See Boone County
PARKE COUNTY
(Hw) - See Boone County
PERRY COUNTY
(D) - See Clark County
(Hw) - See Crawford County
PIKE COUNTY
(Hw) - See Crawford County
PORTER COUNTY
Decision #AP-633 (B, H, Hw)
38 FR 4142 - 2/9/73
(D) - See Lake County
POSEY COUNTY
(D) - See Clark County
(Hw) - See Crawford County
PULASKI COUNTY
(Hw) - See Benton County
PUTNAM COUNTY
(Hw) - See Boone County
RANDOLPH COUNTY
(Hw) - See Blackford County
RIPLEY COUNTY
(Hw) - See Bartholomew County
RUSH COUNTY
(Hw) - See Blackford County
SAINT JOSEPH COUNTY
Decision #AP-634 (B, H, Hw)
38 FR 4147 - 2/9/73
SCOTT COUNTY
(Hw) - See Bartholomew County
SHELBY COUNTY
(R) - See Boone County
(Hw) - See Blackford County
SPENCER COUNTY
(D) - See Clark County
(Hw) - See Crawford County

INDIANA (Cont'd)

STARKE COUNTY
(Hw) - See Adams County
STEUBEN COUNTY
(Hw) - See Adams County
SULLIVAN COUNTY
(Hw) - See Boone County
SWITZERLAND COUNTY
(D) - See Clark County
(Hw) - See Bartholomew County
TIPPECANOE COUNTY
(B)(H)(Hw) - See Benton County
TIPTON COUNTY
(Hw) - See Benton County
UNION COUNTY
(Hw) - See Blackford County
VANDERBURGH COUNTY
Decision #AP-635 (B, H)
38 FR 4151 - 2/9/73
(Hw) - See Crawford County
VERMILLION COUNTY
(Hw) - See Boone County
VIGO COUNTY
Decision #AP-636 (B, H)
38 FR 4156 - 2/9/73
(Hw) - See Boone County
WABASH COUNTY
(Hw) - See Benton County
WARREN COUNTY
(Hw) - See Boone County
WARRICK COUNTY
(D) - See Clark County
(Hw) - See Crawford County
WASHINGTON COUNTY
(Hw) - See Bartholomew County
WAYNE COUNTY
(Hw) - See Blackford County
WELLS COUNTY
(Hw) - See Adams County
WHITE COUNTY
(Hw) - See Benton County
WHITLEY COUNTY
(Hw) - See Adams County

IOWA

ADAIR COUNTY
None
ADAMS COUNTY
None
ALLAMAKEE COUNTY
None
APPONOOSE COUNTY
None
AUDUBON COUNTY
None
BENTON COUNTY
None
BLACK HAWK COUNTY
Decision #AP-510 (B,H,Hw)
37 FR 23980 - 11/10/72
BOONE COUNTY
None
BREMER COUNTY
None
BUCHANAN COUNTY
None
BUENA VISTA COUNTY
None
BUTLER COUNTY
None
CALHOUN COUNTY
None
CARROLL COUNTY
Decision #AM-6,712 (H-Hw)
37 FR 7429 - 4-14-72
CASS COUNTY
(H-Hw) - See Carroll County
CEDAR COUNTY
None
CERRO GORDO COUNTY (MASON CITY)
Decision #AM-2,448 (B-H-Hw)
36 FR 16796 - 8-25-71
Mod. #1-36 FR 18985 - 9-24-71
Mod. #2-37 FR 4465 - 3-3-72
CHEROKEE COUNTY
None
CHICHASAW COUNTY
None
CLARKE COUNTY
None

IOWA (Cont'd)

CLAY COUNTY
(H-Hw) - See Carroll County
CLAYTON COUNTY
None
CLINTON COUNTY (CLINTON CITY)
Decision #AM-2,449 (B-H-Hw)
36 FR 16799 - 8-25-71
Mod. #1-37 FR 4466 - 3-3-72
CRAWFORD COUNTY
(H-Hw) - See Carroll County
DALLAS COUNTY
None
DAVIS COUNTY
None
DECATUR COUNTY
None
DELEWARE COUNTY
None
DES MOINES COUNTY (City of Burlington and Abutting Municipalities; and Burlington Ordnance Plant)
Decision #AP-511 (B,H,Hw)
37 FR 23984 - 11/10/72
DICKINSON COUNTY
None
DUBUQUE COUNTY (Dubuque City)
Decision #AM-2,451 (B-H-Hw)
36 FR 16806 - 8-25-71
Mod. #1-37 FR 4466 - 3-3-72
Mod. #2-37 FR 17900 - 9-1-72
EMMET COUNTY
None
FAYETTE COUNTY
None
FLOYD COUNTY
None
FRANKLIN COUNTY
None
FREMONT COUNTY
None
GREENE COUNTY
None
GRUNDY COUNTY
None

IOWA (Cont'd)

GUTHRIE COUNTY
None
HAMILTON COUNTY
None
HANCOCK COUNTY
None
HARDIN COUNTY
None
HARRISON COUNTY
None
HENRY COUNTY
None
HOWARD COUNTY
(H-Hw) - See Carroll County
HUMBOLDT COUNTY
None
IDA COUNTY
None
IOWA COUNTY
None
JACKSON COUNTY
None
JASPER COUNTY
None
JEFFERSON COUNTY
None
JOHNSON COUNTY (Iowa City)
Decision #AM-2,452 (B-H-Hw)
36 FR 16809 - 8-25-71
Mod. #1-37 FR 640 - 1-14-72
JONES COUNTY
None
KEOKUK COUNTY
None
KOSSUTH COUNTY
None
LEE COUNTY
None
LINN COUNTY (City of Cedar Rapids and Abutting Municipalities)
Decision #AP-512 (B,H,Hw)
37 FR 23988 - 11/10/72
LINN COUNTY (Except City of Cedar Rapids and Abutting Municipalities)
Decision #AP-212 (B-H-Hw)
37 FR 16330 - 8-11-72

IOWA (Cont'd)

LOUISA COUNTY
None
LUCAS COUNTY
None
LYON COUNTY
None
MADISON COUNTY
None
MAHASKA COUNTY
None
MARION COUNTY
None
MARSHALL COUNTY
None
MILLS COUNTY
None
MITCHELL COUNTY
None
MONONA COUNTY
(B-Hw) - See Carroll County
MONROE COUNTY
None
MONTGOMERY COUNTY
None
MUSCATINE COUNTY
None
O'BRIEN COUNTY
(H-Hw) - See Carroll County
OSCEOLA COUNTY
(H-Hw) - See Carroll County
PAGE COUNTY
None
PALO ALTO COUNTY
None
PLYMOUTH COUNTY
None
POCAHONTAS COUNTY
None
POLK COUNTY (City of Des Moines and Abutting Municipalities)
Decision #AP-513 (B,H,Hw)
POLK COUNTY (Except City of Des Moines and Abutting Municipalities)
Decision #AP-215 (H-Hw)
37 FR 16266 - 8-11-72

IOWA (Cont'd)

POTTAWATTAMIE COUNTY (City of Council Bluffs and the area within 3 miles from the City limits)
Decision #AM-2,455 (B-H-Hw)
36 FR 16820 - 8-25-71
Mod. #1-37 FR 4466 - 3-3-72
POWESHIEK COUNTY
None
RINGGOLD COUNTY
(H-Hw) - See Carroll County
SAC COUNTY
None
SCOTT COUNTY
Decision #AM-2,456 (B-H-Hw)
36 FR 16823 - 8-25-71
SHELBY COUNTY
None
SIOUX COUNTY
None
STORY COUNTY (AMES)
Decision #AM-2,457 (B-H-Hw)
36 FR 16826 - 8-25-71
Mod. #1-37 FR 4466 - 3-3-72
Mod. #2-37 FR 5154 - 3-10-72
Mod. #3-37 FR 9595 - 5-12-72
TAMA COUNTY
None
TAYLOR COUNTY
(H-Hw) - See Carroll County
UNION COUNTY
None
VAN BUREN COUNTY
(H-Hw) - See Carroll County
WAPELLO COUNTY
None
WARREN COUNTY
None
WASHINGTON COUNTY
None
WAYNE COUNTY
None
WEBSTER COUNTY (FORT DODGE)
Decision #AM-2,458 (B,H,Hw)
36 FR 16830 - 8-25-71
Mod. #1-37 FR 4466 - 3-3-72

IOWA (Cont'd)

WINNEBAGO COUNTY
None
WINNESHIEK COUNTY
None
WOODBURY COUNTY (SIOUX CITY)
Decision #AM-2,459 (B-H-Hw)
36 FR 16833 - 8-25-71
Mod. #1-37 FR 641 - 1-14-72
WORTH COUNTY
None
WRIGHT COUNTY
None

KANSAS

ALLEN COUNTY
Decision #AM-11,403 (Hw)
37 FR 5664 - 3-17-72
ANDERSON COUNTY
(Hw) - See Allen County
ATCHISON COUNTY
(Hw) - See Allen County
BARBER COUNTY
Decision #AM-11,405 (Hw)
37 FR 5666 - 3-17-72
BARTON COUNTY
(Hw) - See Barber County
BOURBON COUNTY
(Hw) - See Allen County
BROWN COUNTY
(Hw) - See Allen County
BUTLER COUNTY
(Hw) - See Allen County
CHASE COUNTY
(Hw) - See Allen County
CHAUTAUQUA COUNTY
(Hw) - See Allen County
CHEROKEE COUNTY
(Hw) - See Allen County
CHEYENNE COUNTY
(Hw) - See Barber County
CLARK COUNTY
(Hw) - See Barber County

KANSAS (Cont'd)

CLAY COUNTY
(Hw) - See Allen County
CLOUD COUNTY
(Hw) - See Allen County
COFFEY COUNTY
(Hw) - See Allen County
COMANCHE COUNTY
(Hw) - See Barber County
COWLEY COUNTY
(Hw) - See Allen County
CRAWFORD COUNTY
(Hw) - See Allen County
DECATUR COUNTY
(Hw) - See Barber County
DICKINSON COUNTY
(Hw) - See Allen County
DONIPHAN COUNTY
(Hw) - See Allen County
DOUGLAS COUNTY
Decision #AP-503 (Hw)
37 FR 17349 - 8-25-72
Mod. #1-37 FR 20389 - 9-29-72
EDWARDS COUNTY
(Hw) - See Barber County
ELK COUNTY
(Hw) - See Allen County
ELLIS COUNTY
(Hw) - See Barber County
ELLSWORTH COUNTY
(Hw) - See Barber County
FINNEY COUNTY
(Hw) - See Barber County
FORD COUNTY
(Hw) - See Barber County
FRANKLIN COUNTY
(Hw) - See Allen County
GEARY COUNTY
(Hw) - See Allen County
GOVE COUNTY
(Hw) - See Barber County
GRAHAM COUNTY
(Hw) - See Barber County
GRANT COUNTY
(Hw) - See Barber County

KANSAS (Cont'd)

GRAY COUNTY
(Hw) - See Barber County
GREELEY COUNTY
(Hw) - See Barber County
GREENWOOD COUNTY
(Hw) - See Allen County
HAMILTON COUNTY
(Hw) - See Barber County
HARPER COUNTY
(Hw) - See Allen County
HARVEY COUNTY
(Hw) - See Allen County
HASKELL COUNTY
(Hw) - See Barber County
HODGEMAN COUNTY
(Hw) - See Barber County
JACKSON COUNTY
(Hw) - See Allen County
JEFFERSON COUNTY
(Hw)- See Douglas County
JEWELL COUNTY
(Hw) - See Barber County
JOHNSON COUNTY
Decision #AP-517 (B, H, Hw)
37 FR 26218 - 12/8/72
Mod. #1 - 37 FR 28353 - 12/22/72
Mod. #2 - 38 FR 1435 - 1/12/73
Mod. #3 - 38 FR 4078 - 2/9/73
Decision #AP-516 (R)
37 FR 26206 - 12/8/72
Mod. #1 - 38 FR 1435 - 1/12/73
Mod. #2 - 38 FR 4078 - 2/9/73
KEARNY COUNTY
(Hw) - See Barber County
KINGMAN COUNTY
(Hw) - See Allen County
KIOWA COUNTY
(Hw) - See Barber County
LABETTE COUNTY
(Hw) - See Allen County
LANE COUNTY
(Hw) - See Barber County
LEAVENWORTH COUNTY
Decision #AM-6,708 (B)
37 FR 7031-4/7/72
Mod.#1-37 FR 18833-9/15/72
Mod.#2-37 FR 20388-9/29/72
(Hw) - See Douglas County
LINCOLN COUNTY
(Hw) - See Barber County
LINN COUNTY
(Hw) - See Allen County

KANSAS (Cont'd)

LOGAN COUNTY
(Hw) - See Barber County
LYON COUNTY
(Hw) - See Allen County
McPHERSON COUNTY
(Hw) See Allen County
MARION COUNTY
(Hw) - See Allen County
MARSHALL COUNTY
(Hw) - See Allen County
MEADE COUNTY
(Hw) - See Barber County
MIAMI COUNTY
(Hw) - See Douglas County
MITCHELL COUNTY
(Hw) - See Barber County
MONTGOMERY COUNTY
(Hw) - See Allen County
MORRIS COUNTY
(Hw) - See Allen County
MORTON COUNTY
(Hw) - See Barber County
NEMAHA COUNTY
(Hw) - See Allen County
NEOSHO COUNTY
(Hw) - See Allen County
NESS COUNTY
(Hw)- See Barber County
NORTON COUNTY
(Hw) - See Barber County
OSAGE COUNTY
(Hw) - See Allen County
OSBORNE COUNTY
(Hw) - See Barber County
OTTAWA COUNTY
(Hw) - See Allen County
PAWNEE COUNTY
(Hw) See Barber County
PHILLIPS COUNTY
(Hw) - See Barber County
POTTAWATOMIE COUNTY
(Hw) - See Allen County
PRATT COUNTY
(Hw) - See Barber County
RAWLINS COUNTY
(Hw) - See Barber County

KANSAS (Cont'd)

RENO COUNTY
(Hw) - See Allen County
REPUBLIC COUNTY
(Hw) - See Allen County
RICE COUNTY
(Hw) - See Barber County
RILEY COUNTY
(Hw) - See Allen County
ROOKS COUNTY
(Hw) - See Barber County
RUSH COUNTY
(Hw) - See Barber County
RUSSELL COUNTY
(Hw) - See Barber County
SALINE COUNTY
(Hw) - See Allen County
SCOTT COUNTY
(Hw) - See Barber County
SEDGWICK COUNTY
Decision #AP-500 (B)
37 FR 16308-8/11/72
Mod.#1-37 FR 18833-9/15/72
Mod.#2-37 FR 20388-9/29/72
Mod.#3-38 FR 1434 - 1/12/73
Decision #AM-11,404 (Hw)
37 FR 5665-3/17/72
SEWARD COUNTY
(Hw) - See Barber County
SHAWNEE COUNTY
Decision #AM-6,717 (B)
37 FR 7458-4/14/72
Mod.#1-37 FR 18833-9/15/72
Mod.#2-37 FR 20388-9/29/72
Mod.#3-38 FR 4077 - 2/9/73
(Hw) - See Douglas County
Decision #AP-501 (R)
37 FR 16312-8/11/72
Mod.#1-37 FR 18834-9/15/72
Mod.#2-37 FR 20388-9/29/72
Mod.#3-38 FR 4077 - 2/9/73
SHERIDAN COUNTY
(Hw) - See Barber County
SHERMAN COUNTY
(Hw) - See Barber County
SMITH COUNTY
(Hw) - See Barber County
STAFFORD COUNTY
(Hw) - See Barber County
STANTON COUNTY
(Hw) - See Barber County

KANSAS (Cont'd)

STEVENS COUNTY
(Hw) - See Barber County
SUMMER COUNTY
(Hw) - See Allen County
THOMAS COUNTY
(Hw) - See Barber County
TREGO COUNTY
(Hw) - See Barber County
WABAUNSEE COUNTY
(Hw) - See Allen County
WALLACE COUNTY
(Hw) - See Barber County
WASHINGTON COUNTY
(Hw) - See Allen County
WICHITA COUNTY
(Hw) - See Barber County
WILSON COUNTY
(Hw) - See Allen County
WOODSON COUNTY
(Hw) - See Allen County
WYANDOTTE COUNTY
(B,H,Hw) - See Johnson County
(R) - See Johnson County

KENTUCKY

ADAIR COUNTY
Decision #AP-143 (H, Hw)
38 FR 2033 - 1/19/73
ALLEN COUNTY
Decision #AP-145 (H, Hw)
38 FR 2040 - 1/19/73
ANDERSON COUNTY
Decision #AP-146 (H, Hw)
38 FR 2044 - 1/19/73
BALLARD COUNTY
Decision #AM-8,589 (D)
37 FR 5654-3/17/72
Mod. #1-37 FR 24506 11/17/72
(H,Hw) - See Allen County
BARREN COUNTY
(H,Hw) - See Adair County
BATH COUNTY
(H,Hw) - See Anderson County

KENTUCKY (Cont'd)

BATH COUNTY (Cont'd)
Decision #AM-487 (R)
36 FR 16459 - 8/20/71
BELL COUNTY
(H,Hw) - See Adair County
BOONE COUNTY
Decision #AP-141 (H,Hw)
37 FR 25690 - 12/1/72
Mod. #1-37 FR 26778 - 12/15/72
Mod. #2-38 FR 2008 - 1/19/73
Decision #AP-602 (D)
38 FR 1433 - 1/12/73
BOURBON COUNTY
(Hw, H) - See Anderson County
(R) - See Bath County
BOYD COUNTY
Decision #AM-8625 (B,H)
37 FR 12471 - 6-23-72
Mod. #1-37 FR 19879 - 9-22-72
Mod. #2-37 FR 21699 - 10-13-72
Mod. #3-37 FR 23498 - 11/3/72
Mod. #4-37 FR 23968 - 11/10/72
Mod. #5-37 FR 28352 - 12/22/72
Mod. #6-38 FR 4077 - 2/9/73
(D) - See Boone County
BOYLE COUNTY
(H,Hw) - See Anderson County
BRACKEN COUNTY
(H,Hw) - See Anderson County
(D) - See Boone County
BREATHITT COUNTY
Decision #AP-144 (H, Hw)
38 FR 2037 - 1/19/73
BRECKINRIDGE COUNTY
Decision #AM-488 (R)
36 FR 16460 - 8-20-71
Mod. #1-37 FR 23972 - 11/10/72
(H,Hw)-See Anderson County
(D) - See Boone County

KENTUCKY (cont'd)

BULLITT COUNTY
(H, Hw) - See Anderson County
(R) - See Breckinridge County
BUTLER COUNTY
(H,Hw) - See Allen County
CALDWELL COUNTY
(H,Hw) - See Allen County
CALLOWAY COUNTY
(H,Hw) - See Allen County
CAMPBELL COUNTY
(H, Hw, D) - See Boone County
CARLISLE COUNTY
(D) - See Ballard County
(H,Hw) - See Allen County
CARROLL COUNTY
(H,Hw) - See Anderson County
(D) - See Boone County
CARTER COUNTY
(H,Hw) - See Anderson County
CASEY COUNTY
(H,Hw) - See Adair County
CHRISTIAN COUNTY
(H,Hw) - See Allen County
CLARK COUNTY
(H,Hw) - See Anderson County
(R) - See Bath County
CLAY COUNTY
(H,Hw) - See Adair County
CLINTON COUNTY
(H,Hw) - See Adair County
CRITTENDEN COUNTY
(H,Hw) - See Allen County
(D) - See Boone County
CUMBERLAND COUNTY
(H,Hw) - See Adair County
DAVIESS COUNTY
(H,Hw) - See Allen County
(D) - See Boone County
EDMONSON COUNTY
(H,Hw) - See Allen County

KENTUCKY (cont'd)

ELLIOTT COUNTY
(H,Hw) - See Anderson County
ESTILL COUNTY
(H,Hw) - See Adair County
FAYETTE COUNTY
Decision #AP-135 (B,H,Hw)
37 FR 21771 - 10-13-72
Mod. #1-37 FR 23972-11/10/72
Mod. #2-37 FR 28352 - 12/22/72
Mod. #3-38 FR 4077 - 2/9/73
(R) - See Bath COunty
FLEMING COUNTY
(H,Hw) - See Anderson County
FLOYD COUNTY
(H,Hw) - See Breathitt County
FRANKLIN COUNTY
(H,Hw) - See Anderson County
FULTON COUNTY
(D) - See Ballard County
(H,Hw) - See Allen County
GALLATIN COUNTY
(H,Hw) - See Anderson County
(D) - See Boone County
GARRARD COUNTY
(H,Hw) - See Adair County
GRANT COUNTY
(H,Hw) - See Anderson County
GRAVES COUNTY
(H,Hw) - See Allen County
GRAYSON COUNTY
(H,Hw) - See Anderson County
GREEN COUNTY
(H,Hw) - See Adair County
GREENUP COUNTY
(H,Hw) - See Anderson County
(D) - See Boone County

KENTUCKY (cont'd)

HANCOCK COUNTY
(H,Hw) - See Allen County
(D) - See Boone County
HARDIN COUNTY
(H,Hw) - See Anderson County
(R) - See Breckinridge County
(D) - See Boone County
HARLAN COUNTY
(H,Hw) - See Adair County
HARRISON COUNTY
(H,Hw) - See Anderson County
(R) - See Bath County
HART COUNTY
(H,Hw) - See Adair County
HENDERSON COUNTY
(H,Hw) - See Allen County
(D) - See Boone County
HENRY COUNTY
(H,Hw) - See Anderson County
HICKMAN COUNTY
(D) - See Ballard County
(H,Hw) - See Allen County
HOPKINS COUNTY
(H,Hw) - See Allen County
JACKSON COUNTY
(H,Hw) - See Adair County
JEFFERSON COUNTY
Decision #AP-132 (B,H,Hw)
37 FR 21763 - 10-13-72
Mod. #1-37 FR 23054 - 10-27-72
Mod. #2-37 FR 23969-11/10/72
Mod. #3-37 FR 24507-11/17/72
Mod. #4-37 FR 25105-11/25/72
Mod. #5-37 FR 28352-12/22/72
Mod. #6-38 FR 4077-2/9/73
(D) - See Boone County
(R) - See Breckinridge County

KENTUCKY (cont'd)

JESSAMINE COUNTY
(H,Hw) - See Anderson County
(R) - See Bath County
JOHNSON COUNTY
Decision #AP-147 (H, Hw)
38 FR 2048 - 1/19/73
KENTON COUNTY
(H, Hw, D) - See Boone County
KNOTT COUNTY
(H,Hw) - See Breathitt County
KNOX COUNTY
(H,Hw) - See Adair County
LARUE COUNTY
(H,Hw) - See Anderson COunty
LAUREL COUNTY
(H,Hw) - See Adair County
LAWRENCE COUNTY
(H,Hw) - See Johnson County
LEE COUNTY
(H,Hw) - See Adair County
LESLIE COUNTY
(H,Hw) - See Adair County
LETCHER COUNTY
(H,Hw) - See Breathitt County
LEWIS COUNTY
(H,Hw) - See Anderson County
(D) - See Boone County
LINCOLN COUNTY
(H,Hw) - See Adair County
LIVINGSTON COUNTY
(H,Hw) - See Allen County
(D) - See Boone County
LOGAN COUNTY
(H,Hw) - See Allen County
LYON COUNTY
(H,Hw) - See Allen County

KENTUCKY (cont'd)

McCRACKEN COUNTY
Decision #AP-134 (B,H,Hw)
37 FR 21769 - 10-13-72
Mod. #1-37 FR 23055 - 10-27-72
Mod. #2-37 FR 23791-11/10/72
Mod. #3-37 FR 28352 - 12/22/72
Mod. #4-38 FR 4077 - 2/9/73
(D) - See Boone County
McCREARY COUNTY
(H,Hw) - See Adair County
McLEAN COUNTY
(H,Hw) - See Allen County
MADISON COUNTY
(H,Hw) - See Anderson County
(R) - See Bath County
MAGAFFIN COUNTY
(H,Hw) - See Breathitt County
MARION COUNTY
(H,Hw) - See Anderson County
(R) - See Breckinridge County
MARSHALL COUNTY
(H,Hw) - See Allen County
MARTIN COUNTY
(H,Hw) - See Breathitt County
MASON COUNTY
(H,Hw) - See Anderson County
(D) - See Boone County
MEADE COUNTY
(H,Hw) - See Anderson County
(R) - See Breckinridge County
(D) - See Boone County
MENIFEE COUNTY
(H,Hw) - See Adair County

KENTUCKY (Cont'd)

MERCER COUNTY
(H,Hw) - See Anderson County
METCALFE COUNTY
(H,Hw) - See Adair County
MONROE COUNTY
(H,Hw) - See Adair County
MONTGOMERY COUNTY
(H,Hw) - See Anderson County
(R) - See Bath County
MORGAN COUNTY
(H,Hw) - See Anderson County
MUHLENBERG COUNTY
(H,Hw) - See Allen County
NELSON COUNTY
(H,Hw) - See Anderson County
(R) - See Breckinridge County
NICHOLAS COUNTY
(H,Hw) - See Anderson County
OHIO COUNTY
(H,Hw) - See Allen County
OLDHAM COUNTY
(H,Hw) - See Anderson County
(R) - See Breckinridge County
(D) - See Boone County
OWEN COUNTY
(H,Hw) - See Anderson County
OWSLEY COUNTY
(H,Hw) - See Adair County
PENDLETON COUNTY
(H,Hw) - See Anderson County
(D) - See Boone County
PERRY COUNTY
(H,Hw) - See Breathitt County
PIKE COUNTY
(H,Hw) - See Breathitt County
POWELL COUNTY
(H,Hw) - See Adair County
PULASKI COUNTY
(H,Hw) - See Adair County
ROBERTSON COUNTY
(H,Hw) - See Anderson County
ROCKCASTLE COUNTY
(H,Hw) - See Adair County
ROWAN COUNTY
(H,Hw) - See Anderson County

KENTUCKY (Cont'd)

RUSSELL COUNTY
(H,Hw) - See Adair County
SCOTT COUNTY
(H,Hw) - See Anderson County
(R) - See Bath County
SHELBY COUNTY
(H,Hw) - See Anderson County
(R) - See Breckinridge County
SIMPSON COUNTY
(H,Hw) - See Allen County
SPENCER COUNTY
(H,Hw) - See Anderson County
(R) - See Breckinridge County
TAYLOR COUNTY
(H,Hw) - See Adair County
TODD COUNTY
(H,Hw) - See Allen County
TRIGG COUNTY
(H,Hw) - See Allen County
TRIMBLE COUNTY
(H,Hw) - See Anderson County
(D) - See Boone County
UNION COUNTY
(H,Hw) - See Allen County
(D) - See Boone County
WARREN COUNTY
Decision #AP-133 (B,H,Hw)
37 FR 21766 - 10-13-72
Mod. #1-37 FR 23055 - 10-27-72
Mod. #2-37 FR 23970 - 11/10/72
Mod. #3-37 FR 24057 - 11/17/72
Mod. #4-37 FR 28352 - 12/22/72
Mod. #5-38 FR 4077 - 2/9/73
WASHINGTON COUNTY
(H,Hw) - See Anderson County
(R) - See Breckinridge County
WAYNE COUNTY
(H,Hw) - See Adair County
WEBSTER COUNTY
(H,Hw) - See Allen County
WHITLEY COUNTY
(H,Hw) - See Adair County
WOLFE COUNTY
(H,Hw) - See Adair County
WOODFORD COUNTY
(H,Hw) - See Anderson County
(R) - See Bath County

LOUISIANA

STATEWIDE
Decision #AM-8,589 (D)
37 FR 5654 - 3-17-72
Mod. #1-37 FR 24506 - 11/17/72
ACADIA PARISH
(D) - See Statewide
Decision #AM-8,588 (F)
37 FR 5654 - 3-17-72
Mod. #1-37 FR 8601 - 4-28-72
Mod. #2-37 FR 24506 - 11/17/72
ALLEN PARISH
(D) - See Statewide
(F) - See Acadia Parish
ASCENSION PARISH
(D) - See Statewide
(F) - See Acadia Parish
ASSUMPTION PARISH
(D) - See Statewide
(F) - See Acadia Parish
AVOYELLES PARISH
(D) - See Statewide
(F) - See Acadia Parish
BEAUREGARD PARISH
(D) - See Statewide
(F) - See Acadia Parish
BIENVILLE PARISH
(D)-See Statewide
(F)-See Acadia Parish
BOSSIER PARISH
(D)-See Statewide
(F)-See Acadia Parish
Decision #AP-397 (B)
38 FR 2602 - 1/26/73
Mod. #1 - 38 FR 4078 - 2/9/73
Mod. #3 - 38 FR 5089 - 2/23/73
Decision #AP-398 (R)
38 FR 2604 - 1/26/73
Mod. #1 - 38 FR 4078 - 2/9/73
Mod. #2 - 38 FR 5089 - 2/23/73
CADDO PARISH
(D) - See Statewide
(B, R) - See Bossier Parish
CALCASIEU PARISH
(D) - See Statewide
(F) - See Acadia Parish

LOUISIANA (Cont'd)

CALCASIEU PARISH (cont'd)
Decision #AP-367 (B)
37 FR 26247 - 12/8/72
Mod. #1 - 37 FR 28352 - 12/22/72
Mod. #2 - 37 FR 28800 - 12/29/72
Mod. #3 - 38 FR 936 - 1/5/73
Decision #AP-366 (R)
37 FR 26245 - 12/8/72
Mod. #1 - 37 FR 28352 - 12/22/72
Mod. #2 - 37 FR 28800 - 12/22/72
Mod. #3 - 38 FR 936 - 1/5/73
CALDWELL PARISH
(D)-See Statewide
(F)-See Acadia Parish
CAMERON PARISH
(D) - See Statewide
(F) - See Acadia Parish
CATAHOULA PARISH
(D) - See Statewide
(F) - See Acadia Parish
CLAIBORNE PARISH
(D) - See Statewide
(F) - See Acadia Parish
CONCORDIA PARISH
(D) - See Statewide
(F) - See Acadia Parish
DE SOTO PARISH
(D) - See Statewide
(F) - See Acadia Parish
EAST BATON ROUGE PARISH
(D) - See Statewide
Decision #AP-362 (B)
37 FR 25636 - 12/1/72
Mod. #1-37 FR 26778 - 12/15/72
Mod. #2 - 38 FR 4624 - 2/16/73
Mod. #3 - 38 FR 5089 - 2/23/73
EAST CARROLL PARISH
(D) - See Statewide
(F) - See Acadia Parish
EAST FELICIANA PARISH
(D) - See Statewide
(F) - See Acadia Parish
EVANGELINE PARISH
(D) - See Statewide
(F) - See Acadia Parish
FRANKLIN PARISH
(D) - See Statewide
(F) - See Acadia Parish

LOUISIANA (Cont'd)

GRANT PARISH
(D) - See Statewide
(F) - See Acadia Parish
IBERIA PARISH
(D) - See Statewide
(F) - See Acadia Parish
IBERVILLE PARISH
(D)-See Statewide
(F)-See Acadia Parish
JACKSON PARISH
(D)-See Statewide
(F)-See Acadia Parish
JEFFERSON PARISH
(D)-See Statewide
(F)-See Acadia Parish
Decision #AP-70 (B)
38 FR 4634 - 2/16/73
Mod. #1 - 38 FR 5758 - 3/2/72
JEFFERSON DAVIS PARISH
(D)-See Statewide
(F)-See Acadia Parish
LAFAYETTE PARISH
(D)-See Statewide
(F)-See Acadia Parish
LAFOURCHE PARISH
(D)-See Statewide
(F)-See Acadia Parish
LA SALLE PARISH
(D)-See Statewide
(F)-See Acadia Parish
LINCOLN PARISH
(D)-See Statewide
(F)-See Acadia Parish
LIVINGSTON PARISH
(D)-See Statewide
(F)-See Acadia Parish
MADISON PARISH
(D)-See Statewide
(F)-See Acadia Parish
MOREHOUSE PARISH
(D)-See Statewide
(F)-See Acadia Parish
NATCHITOCHES PARISH
(D)-See Statewide
(F)-See Acadia Parish
ORLEANS PARISH
(D) - See Statewide
(B) - See Jefferson Parish

LOUISIANA (Cont'd)

OUACHITA PARISH
(D)-See Statewide
Decision #AP-317 (B)
37 FR 17305-8/25/72
PLAQUEMINES PARISH
(D)-See Statewide
(B)-See Jefferson Parish
(F)-See Acadia Parish
POINT COUPEE PARISH
(D)-See Statewide
(F)-See Acadia Parish
RAPIDES PARISH
(D)-See Statewide
Decision #AP-363 (B)
37 FR 25638 - 12/1/72
Mod. #1-37 FR 26778 - 12/15/72
Mod. #2-38 FR 1434 - 1/12/73
Mod. #3-38 FR 2569 - 1/26/73
Mod. #4 - 38 FR 5089 - 2/23/73
RED RIVER PARISH
(D)-See Statewide
(F)-See Acadia Parish
RICHLAND PARISH
(D)-See Statewide
(F)-See Acadia Parish
SABINE PARISH
(D)-See Statewide
(F)-See Acadia Parish
ST. BERNARD PARISH
(D)-See Statewide
(F)-See Acadia Parish
(B)-See Jefferson Parish
ST. CHARLES PARISH
(D)-See Statewide
(F)-See Acadia Parish
ST. HELENA PARISH
(D)-See Statewide
(F)-See Acadia Parish
ST. JAMES PARISH
(D)-See Statewide
(F)-See Acadia Parish
ST. JOHN THE BAPTIST PARISH
(D)-See Statewide
(F)-See Acadia Parish
ST. LANDRY PARISH
(D)-See Statewide
(F)-See Acadia Parish
ST. MARTIN PARISH
(D)-See Statewide
(F)-See Acadia Parish

LOUISIANA (Cont'd)

ST. MARY PARISH
(D)-See Statewide
(F)-See Acadia Parish
ST. TAMMANY PARISH
(D)-See Statewide
(F)-See Acadia Parish
TANGIPAHOA PARISH
(D)-See Statewide
(F)-See Acadia Parish
TENSAS PARISH
(D) See Statewide
(F)-See Acadia Parish
TERREBONNE PARISH
(D)-See Statewide
(F)-See Acadia Parish
UNION PARISH
(D)-See Statewide
(F)-See Acadia Parish
VERMILION PARISH
(D)-See Statewide
(F)-See Acadia Parish
VERNON PARISH
(D)-See Statewide
(F)-See Acadia Parish
WASHINGTON PARISH
(D)-See Statewide
(F)-See Acadia Parish
WEBSTER PARISH
(D)-See Statewide
(F)-See Acadia Parish
WEST BATON ROUGE PARISH
(D)-See Statewide
(F)-See Acadia Parish
WEST CARROLL PARISH
(D)-See Statewide
(F)-See Acadia Parish
WEST FELICIANA PARISH
(D)-See Statewide
(F)-See Acadia Parish
WINN PARISH
(D)-See Statewide
(F)-See Acadia Parish

MAINE

ANDROSCOGGIN COUNTY
None
AROOSTOOK COUNTY
None
CUMBERLAND COUNTY
Decision #AM-9322 (D)
37 FR 10693 - 5/26/72
Mod. #1 - 37 FR 19871 - 9/22/72
FRANKLIN COUNTY
None
HANCOCK COUNTY
(D) - See Cumberland County
KENNEBEC COUNTY
None
KNOX COUNTY
(D) - See Cumberland County
LINCOLN COUNTY
(D) - See Cumberland County
OXFORD COUNTY
None
PENOBSCOT COUNTY
None
PISCATAQUIS COUNTY
None
SAGADAHOC COUNTY
(D) - See Cumberland County
SOMERSET COUNTY
None
WALDO COUNTY
(D) - See Cumberland County
WASHINGTON COUNTY
(D) - See Cumberland County
YORK COUNTY
(D) - See Cumberland County

MARYLAND

ALLEGANY COUNTY
None
ANNE ARUNDEL COUNTY
Decision #AP-439 (D)
37 FR 22701 - 10/20/72
BALTIMORE CITY & BALTIMORE COUNTY
Decision #AP-455 (B, H, Hw)
37 FR 28819 - 12/29/72

MARYLAND (Cont'd)

BALTIMORE CITY & BALTIMORE COUNTY
(Cont'd)
Decision #AM-1,846 (R)
36 FR 16249 - 8/20/71
Decision #AM-9,322 (D)
37 FR 10693 - 5/26/72
Mod. #1 - 37 FR 19871 - 9/22/72
CALVERT COUNTY
(D)-See Anne Arundel County
CAROLINE COUNTY
None
CARROLL COUNTY
None
CECIL COUNTY
(R)-See Baltimore County
CHARLES COUNTY
(D)-See Anne Arundel County
DORCHESTER COUNTY
(D)-See Anne Arundel County
FREDERICK COUNTY
None
GARRETT COUNTY
None
HARFORD COUNTY
(R)-See Baltimore County
(D)-See Anne Arundel County
HOWARD COUNTY
(R)-See Baltimore County
KENT COUNTY
(D)-See Anne Arundel County
MONTGOMERY COUNTY
Decision #AP-443 (B)
37 FR 24515 - 11/17/72
Mod. #1-37 FR 25615 - 12/1/72
Mod. #2-37 FR 26198 - 12/8/72
Mod. #3-38 FR 2015 - 1/19/73
Mod. #4-38 FR 5109 - 2/23/73
Decision #AP-450 (R)
37 FR 25117 - 11/25/72
PRINCE GEORGES COUNTY
(B)-See Montgomery County
(R)-See Montgomery County
(D)-See Anne Arundel County

MARYLAND (Cont'd)

QUEEN ANNES COUNTY
(D) - See Anne Arundel County
ST. MARYS COUNTY
(D) - See Anne Arundel County
SOMERSET COUNTY
(D)-See Anne Arundel County
TALBOT COUNTY
(D)-See Anne Arundel County
WASHINGTON COUNTY
None
WICOMICO COUNTY
(D)-See Anne Arundel County
WORCESTER COUNTY
(D)-See Baltimore County

MASSACHUSETTS

BARNSTABLE COUNTY
Decision #AP-456 (B, H, Hw & Marine)
38 FR 2051 - 1/19/73
Mod. #1 - 38 FR 4625 - 2/16/73
Mod. #2 - 38 FR 5759 - 3/2/73
Decision #AM-9322 (D)
37 FR 10693 - 5/26/72
Mod. #1-37 FR 19871-9/22/72
BERKSHIRE COUNTY
None
BRISTOL COUNTY
(D)-See Barnstable County
DUKES COUNTY
(D)-See Barnstable County
ESSEX COUNTY
Decision #AP -457 (B, H, Hw & Marine)
38 FR 2054 - 1/19/73
Mod. #1 - 38 FR 4625 - 2/16/73
Mod. #2 - 38 FR 5759 - 3/2/73
(D)-See Barnstable County
FRANKLIN COUNTY
None
HAMPDEN COUNTY
Decision #AP-458 (B, H, Hw)
38 FR 2058 - 1/19/73
Mod. #1 - 38 FR 4625 - 2/16/73
Decision #AP-470 (R)
38 FR 4617 - 2/16/73

MASSACHUSETTS (cont'd)

HAMPSHIRE COUNTY
None
MIDDLESEX COUNTY
Decision #AP-459 (B, H, Hw & Marine)
38 FR 2062 - 1/19/73
Mod. #1 - 38 FR 4627 - 2/16/73
(D)- See Barnstable County
NANTUCKET COUNTY
(D)-See Barnstable County
NORFOLK COUNTY
(D)-See Barnstable County
PLYMOUTH COUNTY
(D)-See Barnstable County
SUFFOLK COUNTY
Decision #AP-460 (B, H, Hw & Marine)
38 FR 2066 - 1/19/73
Mod. #1 - 38 FR 4627 - 2/16/73
WORCESTER COUNTY
Decision #AP-461 (B, H, Hw)
38 FR 2070 - 1/19/73
Mod. #1 - 38 FR 4628 - 2/16/73
Mod. #2 - 38 FR 5759 - 3/2/73

MICHIGAN

ALCONA COUNTY
Decision #AP-4 (D)
37 FR 14670 - 7-21-72
Decision AP-79 (Highway, Bridge, Airport & Sewer Cons, excl. of Bldgs.)
37 FR 28377 - 12/22/72
Mod. #1 - 38 FR 936 - 1/5/73
Mod. #2 - 38 FR 4629 - 2/16/73
ALGER COUNTY
(Hw, D) - See Alcona County
ALLEGAN COUNTY
Decision #AP-80 (B, H)
37 FR 28822 - 12/29/72
Mod. #1 - 38 FR 5089 - 2/23/73
Decision #AP-398 (R)
36 FR 15891 - 8/18/71
Decision AP-77 (Highway, Bridge, Airport & Sewer Cons, excl. of Bldgs.)
37 FR 28374 - 12/22/72
Mod. #1 - 38 FR 4629 - 2/16/73
(D) - See Alcona County
ALPENA COUNTY
Decision #AP-81 (B, H)
37 FR 28825 - 12/29/72
Mod. #1 - 38 FR 5089 - 2/23/73
(Hw, D) - See Alcona County
ANTRIM COUNTY
(Hw, D) - See Alcona County
ARENAC COUNTY
(Hw, D) - See Alcona County

MICHIGAN (cont'd)

BARAGA COUNTY
Decision #AP-82 (B, H)
37 FR 28850 - 12/29/72
Mod. #1 - 38 FR 5089 - 2/23/73
(Hw, D) - See Alcona County
BARRY COUNTY
(Hw) - See Allegan County
BAY COUNTY
(D) - See Alcona County
(Hw) - See Allegan County
BENZIE COUNTY
(D) - See Alcona County
(Hw) - See Alcona County
BERRIEN COUNTY
Decision #AP-83 (B, H)
37 FR 28828 - 12/29/72
Mod. #1 - 38 FR 5089 - 2/23/73
Decision #AM-399 (R)
36 FR 15892 - 8-18-71
(D) - See Alcona County
(Hw) - See Allegan County
BRANCH COUNTY
Decision #AM-401 (R)
36 FR 15894 - 8-18-71
(Hw) - See Allegan County
CALHOUN COUNTY
Decision #AP-84 (B, H)
37 FR 28831 - 12/29/72
Mod. #1 - 38 FR 5090 - 2/23/73
Decision #AM-400 (R)
36 FR 15892 - 8/18/71
(Hw) - See Allegan County
CASS COUNTY
(Hw) - See Allegan County
(R)-See Branch County
CHARLEVOIX COUNTY
Decision #AP-85 (B, H)
37 FR 28834 - 12/29/72
Mod. #1 - 38 FR 5091 - 2/23/73
(Hw, D) - See Alcona County
CHEBOYGAN COUNTY
(Hw, D) - See Alcona County
CHIPPEWA COUNTY
Decison #AP-86 (B, H)
37 FR 28837 - 12/29/72
Mod. #1 - 38 FR 5091 - 2/23/73
(Hw, D) - See Alcona County
CLARE COUNTY
(Hw) - See Alcona County
CLINTON COUNTY
(Hw) - See Allegan County

MICHIGAN (cont'd)

CRAWFORD COUNTY
(Hw) - See Alcona County
DELTA COUNTY
(Hw, D) - See Alcona County
DICKINSON COUNTY
(Hw) - See Alcona County
EATON COUNTY
Decision #AM-8041 (R)
36 FR 24027 - 12/17/71
(Hw) - See Allegan County
EMMET COUNTY
Decision #AP-87 (B, H)
37 FR 28839 - 12/29/72
Mod. #1 - 38 FR 5091 - 2/23/73
(Hw, D) - See Alcona County
GENESSE COUNTY
Decision #AP-88 (B, H)
37 FR 28870 - 12/29/72
Mod. #1 - 38 FR 5092 - 2/23/73
Decision AP-76 (Highway, Bridge, Airport & Sewer Cons, excl. of Bldgs.)
37 FR 28372 - 12/22/72
Mod. #1 - 38 FR 4628 - 2/16/73
GLADWIN COUNTY
(Hw) - See Alcona County
GOGEBIC COUNTY
Decision #AP-89 (B, H)
37 FR 28844 - 12/29/72
Mod. #1 - 38 FR 5092 - 2/23/73
(Hw, D) - See Alcona County
GRAND TRAVERSE COUNTY
Decision #AP-90 (H,H)
37 FR 28873 - 12/29/72
Mod. #1 - 38 FR 5092 - 2/23/73
(Hw, D) - See Alcona County
GRATIOT COUNTY
(Hw) - See Allegan County
HILLSDALE COUNTY
(Hw) - See Allegan County
HOUGHTON COUNTY
(B, H) - See Baraga County
(Hw, D) - See Alcona County
HURON COUNTY
Decision #AP-91 (B, H)
37 FR 28879 - 12/29/72
Mod. #1 - 38 FR 5093 - 2/23/73
(D) - See Alcona County
(Hw) - See Allegan County
INGHAM COUNTY
Decision #AP-92 (B, H)
37 FR 28844 - 12/29/72
Mod. #1 - 38 FR 5093 - 2/23/73
(Hw) - See Allegan County
(R) - See Eaton County

MICHIGAN (cont'd)

IONIA COUNTY
(Hw) - See Allegan County
IOSCO COUNTY
(D & Hw) - See Alcona County
IRON COUNTY
(Hw) - See Alcona County
ISABELLA COUNTY
(Hw) - See Alcona County
JACKSON COUNTY
(Hw) - See Allegan County
KALAMAZOO COUNTY
Decision #AP-93 (B, H)
37 FR 28847 - 12/29/72
Mod. #1 - 38 FR 5093 - 2/23/73
(Hw) - See Allegan County
(R) - See Branch County
KALKASKA COUNTY
(Hw) - See Alcona County
KENT COUNTY
Decision #AP-23 (B)(H)(Hw)
37 FR 20443 - 9/29/72
Mod. # 1-37 FR 22704 - 10/20/72
Decision #AM-402 (R)
36 FR 15895 - 8/18/71
(Hw) - See Allegan County
KEWEENAW COUNTY
(B)(H)- See Baraga County
(Hw) - See Alcona County
LAKE COUNTY
(Hw) - See Alcona County
LAPEER COUNTY
(Hw) - See Allegan County
LEELANAU COUNTY
(B, H) - See Grand Traverse County
(Hw, D) - See Alcona County
LENAWEE COUNTY
(Hw) - See Allegan County
LIVINGSTON COUNTY
(Hw) - See Allegan County
LUCE COUNTY
(Hw, D) - See Alcona County
MACKINAC COUNTY
(B, H) - See Chippewa County
(Hw, D) - See Alcona County
MACOMB COUNTY
Decision #AP-600 (B, H)
37 FR 28866 - 12/29/72
Mod. #1 - 38 FR 5096 - 2/23/73
(D) - See Alcona County
(Hw) - See Genessee County
Decision #AP-601 (R)
37 FR 28797 - 12/29/72
Mod. #1 - 38 FR 5096 - 2/23/73

MICHIGAN (cont'd)

MANISTEE COUNTY
(Hw, D) - See Alcona County
MARQUETTE COUNTY
Decision #AP-94 (B, H)
37 FR 28852 - 12/29/72
Mod. #1 - 38 FR 5094 - 2/23/73
(Hw, D) - See Alcona County
MASON COUNTY
Decision #AP-95 (B, H)
37 FR 28854 - 12/29/72
Mod. #1 - 38 FR 5094 - 2/23/73
(Hw, D) - See Alcona County
MECOSTA COUNTY
(Hw) - See Alcona County
MENOMINEE COUNTY
(D) - See Alcona County
(Hw) - See Alcona County
MIDLAND COUNTY
(Hw) - See Allegan County
MISSAUKEE COUNTY
(Hw) - See Alcona County
MONROE COUNTY
(D) - See Alcona County
(Hw) - See Genessee County
MONTCALM COUNTY
(Hw) - See Allegan County
(R) - See Kent County
MONTMORENCY COUNTY
(Hw) - See Alcona County
MUSKEGON COUNTY
Decision #AP-97 (B, H)
37 FR 28857 - 12/29/72
Mod. #1 - 38 FR 5094 - 2/23/73
Decision #AM-403 (R)
36 FR 15896 - 8/18/71
(D) - See Alcona County
(Hw) - See Allegan County
NEWAYGO COUNTY
(Hw) - See Alcona County

MICHIGAN (Cont'd)

OAKLAND COUNTY
(B, H, R) - See Macomb County
(D) - See Alcona County
(Hw) - See Genessee County
OCEANA COUNTY
(B, H, R) - See Muskegon County
(HW, D) - See Alcona County
OGEMAW COUNTY
(Hw) - See Alcona County
ONTONAGON COUNTY
(B, H) - See Baraga County
(Hw, D) - See Alcona County
OSCEOLA COUNTY
(Hw) - See Alcona County
OSCODA COUNTY
(Hw) - See Alcona County
OTSEGO COUNTY
(Hw) - See Alcona County
OTTAWA COUNTY
(D) - See Alcona County
(Hw) - See Allegan County
(R) - See Allegan County
PRESQUE ISLE COUNTY
(D) - See Alcona County
(Hw) - See Alcona County
ROSCOMMON COUNTY
(Hw) - See Alcona County
SAGINAW COUNTY
Decision #AP-91 (B, H)
37 FR 28879 - 12/29/72
Mod. #1 - 38 FR 5095 - 2/23/73
(Hw) - See Allegan County
SAINT CLAIR COUNTY
Decision #AP-98 (B, H)
37 FR 28860 - 12/29/72
Mod. #1 - 38 FR 5095 - 2/23/73
(D) - See Alcona County
(Hw) - See Allegan County

MICHIGAN (cont'd)

SAINT JOSEPH COUNTY
(Hw) - See Allegan County
(R) - See Branch County
SANILAC COUNTY
(D) - See Alcona County
(Hw) - See Allegan County
SCHOOLCRAFT COUNTY
(D) - See Alcona County
(Hw) - See Alcona County
SHIAWASSEE COUNTY
(Hw) - See Allegan County
TUSCOLA COUNTY
(D) - See Alcona County
(Hw) - See Allegan County
VAN BUREN COUNTY
(D) - See Alcona County
(Hw) - See Allegan County
WASHTENAW COUNTY
Decision #AP-99 (B, H)
37 FR 28863 - 12/29/72
Mod. #1 - 38 FR 5095 - 2/23/73
(Hw) - See Genesee County
WAYNE COUNTY
(B, H, R) - See Macomb County
(D) - See Alcona County
(Hw) - See Genesee County
WEXFORD COUNTY
(Hw) - See Alcona County

MINNESOTA

AITKIN COUNTY
None
ANOKA COUNTY
Decision #AP 605 (B)
38 FR 2073 - 1/19/73
Decision #AP-609 (H, Hw)
38 FR 2085 - 1/19/73
Decision #AP-611 (R)
38 FR 2091 - 1/19/73
BECKER COUNTY
Decision #AP-49 (Hw)
37 FR 25097 - 11/25/72
BELTRAMI COUNTY
None
BENTON COUNTY
None

MINNESOTA (Cont'd)

BIG STONE COUNTY
Decision #AP-50 (Hw)
37 FR 25098 - 11/25/72
BLUE EARTH COUNTY
None
BROWN COUNTY
None
CARLTON COUNTY
None
CARVER COUNTY
Decision #AP-606 (B)
38 FR 2074 - 1/19/73
Decision #AP-612 (R)
38 FR 2095 - 1/19/73
(H, Hw) - See Anoka County
CASS COUNTY
(Hw) - See Becker County
CHIPPEWA COUNTY
(Hw) - See Big Stone County
CHISAGO COUNTY
None
CLAY COUNTY
(Hw) - See Becker County
CLEAR WATER COUNTY
None
COOK COUNTY
Decision #AP-610 (H, Hw)
38 FR 2088 - 1/19/73
Decision #AP-4 (D)
37 FR 14670 - 7/21/72
COTTONWOOD COUNTY
None
CROW WING COUNTY
None
DAKOTA COUNTY
Decision #AP-607 (B)
38 FR 2078 - 1/19/73
Decision #AP-613 (R)
38 FR 2099 - 1/19/73
(H, Hw) - See Anoka County

MINNESOTTA (Cont'd)

DODGE COUNTY
None
DOUGLAS COUNTY
(Hw) - See Big Stone County
FAIRBAULT COUNTY
None
FREEBORN COUNTY
None
GOODHUE COUNTY
None
GRANT COUNTY
(Hw) - See Big Stone County
HENNEPIN COUNTY
(B, R) - See Carver County
(H, Hw) - See Aqoka County
HOUSTON COUNTY
None
HUBBARD COUNTY
(Hw) - See Becker County
ISANTI COUNTY
None
ITASKA COUNTY
None
JACKSON COUNTY
None
KANABEC COUNTY
None
KANDIYOHI COUNTY
(Hw) - See Becker County
KITTSON COUNTY
None
KOOCHICHING COUNTY
None
LAC QUI PARLE COUNTY
(Hw) - See Big Stone County
LAKE COUNTY
(H) (Hw)-See Cook County
(D)-See Cook County
LAKE OF THE WOODS COUNTY
None
LE SUEUR COUNTY
None
LINCOLN COUNTY
None

MINNESOTA (cont'd)

LYON COUNTY
None
MCLEOD COUNTY
None
MAHNOMEN COUNTY
None
MARSHALL COUNTY
None
MARTIN COUNTY
None
MEEKER COUNTY
None
MILLE LACS COUNTY
Non
MORRISON COUNTY
None
MOWER COUNTY
None
MURRAY COUNTY
None
NICOLLET COUNTY
None
NUBLES COUNTY
None
NORMAN COUNTY
None
OLMSTEAD COUNTY
None
OTTER TAIL COUNTY
(Hw) - See Becker County
PENNINGTON COUNTY
None
PINE COUNTY
None
PIPESTONE COUNTY
None
POLK COUNTY
None
POPE COUNTY
(Hw) - See Big Stone County
RAMSEY COUNTY
(R, B) - See Dakota County
(H, Hw) - See Anoka County

MINNESOTA (Cont'd)

RED LAKE COUNTY
None
REDWOOD COUNTY
None
RENVILLE COUNTY
None
RICE COUNTY
None
ROCK COUNTY
None
ROSEAU COUNTY
None
SAINT LOUIS COUNTY
(D)-See Cook County
(H)(Hw)-See Cook County
CITY OF DULUTH
Decision #AP-608 (B)
38 FR 2082 - 1/19/73
Decision #AP-614 (R)
38 FR 2103 - 1/19/73
SCOTT COUNTY
(H)(Hw)-See Anoka County
(B) - See Carver County
SHERBURNE COUNTY
None
SIBLEY COUNTY
None
STEARNS COUNTY
None
STEELE COUNTY
None
STEVENS COUNTY
(Hw) - See Big Stone County
SWIFT COUNTY
(Hw) - See Big Stone County
TODD COUNTY
(Hw) - See Becker County
TRAVERSE COUNTY
(Hw) - See Big Stone County
WABASHA COUNTY
None
WADENA COUNTY
(Hw) - See Becker County
WASECA COUNTY
None
WASHINGTON COUNTY
(B) - See Dakota County
(H, Hw) - See Anoka County
WATONWAN COUNTY
None
WILKIN COUNTY
(Hw) - See Becker County

MINNESOTA (Cont'd)

WINONA COUNTY
None
WRIGHT COUNTY
None
YELLOW MEDICINE COUNTY
None

MISSISSIPPI

STATEWIDE
Decision #AM-8589 (D)
37 FR 5654 - 3/17/72
Mod. #1-37 FR 24506 - 11/17/72
Decision #AM-8588 (F)
37 FR 5654 - 3/17/72
Mod. #1-37 FR 8601 - 4/28/72
Mod. #2-37 FR 24506 - 11/17/72
ADAMS COUNTY
Decision #AM-495 (Hw)
36 FR 16470 - 8/20/71
Mod. #1-37 FR 643 - 1/14/72
(D) - See Statewide
(F) - See Statewide
ALCORN COUNTY
Decision #AM-491 (Hw)
36 FR 16466 - 8/20/71
Mod. #1-37 FR 641 - 1/14/72
(D) - See Statewide
(F) - See Statewide
AMITE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
ATTALA COUNTY
Decision #AM-494 (Hw)
36 FR 16469 - 8/20/71
Mod. #1-37 FR 643 - 1/14/72
(D) - See Statewide
(F) - See Statewide
BENTON COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County

MISSISSIPPI (Cont'd)

BOLIVAR COUNTY
Decision #AM-492 (Hw)
36 FR 16467 - 8/20/71
Mod. #1-37 FR 642 - 1/14/72
(D) - See Statewide
(F) - See Statewide
CALHOUN COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
CARROLL COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
CHICKASAW COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
CHOCTAW COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
CLAIBORNE COUNTY
Decision #AM-493 (Hw)
36 FR 16469 - 8/20/71
Mod. #1-37 FR 642 - 1/14/72
Mod. #2-37 FR 3687 - 2/18/72
(D) - See Statewide
(F) - See Statewide
CLARKE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
CLAY COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
COAHOMA COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
COPIAH COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Claiborne County
(R) - See Hinds County
COVINGTON COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County

MISSISSIPPI (Cont'd)

DE SOTO COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
FORREST COUNTY
Decision #AM-8264 (R)
37 FR 13017 - 6/30/72
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
FRANKLIN COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
GEORGE COUNTY
Decision #AM-496 (Hw)
36 FR 16471 - 8/20/71
Mod. #1-37 FR 644 - 1/14/72
(D) - See Statewide
(F) - See Statewide
(R) - See Harrison County
GREENE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
GRENADA COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
HANCOCK COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See George County
(R) - See Harrison County
HARRISON COUNTY
Decision #AP-159 (B, H)
38 FR 4628 - 2/16/73
Decision #AM-8597 (R)
37 FR 5666 - 3/17/72
(D, F) - See Statewide
(Hw) - See George County
HINDS COUNTY
Decision #AP-158 (B, H,)
38 FR 4636 - 2/16/73
Decision #AP-498 (R)
36 FR 16473 - 8/20/71
(D, F) - See Statewide
(Hw) - See Claiborne County

MISSISSIPPI (Cont'd)

HOLMES COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Claiborne County
HUMPHREYS COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Claiborne County
ISSAQUENA COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Claiborne County
ITAWAMBA COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
JACKSON COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See George County
(R) - See Harrison County
JASPER COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
JEFFERSON COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
JEFFERSON DAVIS COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
JONES COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
(R) - See Forest County

MISSISSIPPI (Cont'd)

KEMPER COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
LAFAYETTE COUNTY
(D) - See Statewide
(R) - See Statewide
(Hw) - See Alcorn County
LAMAR COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
LAUDERDALE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
LAWRENCE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
LEAKE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attalo County
LEE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
LEFLORE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
LINCOLN COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
LOWNDES COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
MADISON COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Claiborne County
(R) - See Hinds County

MISSISSIPPI (Cont'd)

MARION COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
MARSHALL COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
MONROE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
MONTGOMERY COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
NESHOBA COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
NEWTON COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
NOXUBEE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
OKTIBBEHA COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn County
PANOLA COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
PEARL RIVER COUNTY
(B, E) - See Harrison County
(D) - See Statewide
(F) - See Statewide
(Hw) - See Statewide
(R) - See Harrison County
PERRY COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County
PIKE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Adams County

MISSISSIPPI (Cont'd)

PONTOTOC COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Alcorn COunty
PRENTISS COUNTY
(D) - See Statewide
(F) - See Statewise
(Hw) - See Alcorn County
QUITMAN COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
RANKIN COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Claiborne County
(R) - See Hinds County
SCOTT COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
SHARKEY COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Claiborne County
SIMPSON COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Claiborne County
(R) - See Hinds County
SMITH COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Attala County
STONE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Georgia County
(R) - See Harrison County
SUNFLOWER COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County
TALLAHATCHIE COUNTY
(D) - See Statewide
(F) - See Statewide
(Hw) - See Bolivar County

MISSISSIPPI (Cont'd)

TATE COUNTY
(D,F)-See Statewide
(Hw)-See Bolivar County
TIPPAH COUNTY
(D,F)-See Statewide
(Hw)-See Alcorn County
TISHOMINGO COUNTY
(D,F)-See Statewide
(Hw)-See Alcorn County
TUNICA COUNTY
(D,F)-See Statewide
(Hw)-See Bolivar County
UNION COUNTY
(D,F,)-See Statewide
(Hw)-See Alcorn County
WALTHALL COUNTY
(D,F)-See Statewide
(Hw)-See Adams County
WARREN COUNTY
(D,F)-See Statewide
(Hw)-See Claiborne County
WASHINGTON COUNTY
(D,F)-See Statewide
(Hw)-See Bolivar County
WAYNE COUNTY
(D,F)-See Statewide
(Hw)-See Adams County
WEBSTER COUNTY
(D,F)-See Statewide
(Hw)-See Alcorn County
WILKINSON COUNTY
(D,F)-See Statewide
(Hw)-See Adams County
WINSTON COUNTY
(D,F)-See Statewide
(Hw)-See Attalo County
YALOBUSHA COUNTY
(D,F)-See Statewide
(Hw)-See Bolivar County
YAZOO COUNTY
(D,F)-See Statewide
(Hw)-See Claiborne County
(R)-See Hinds County

MISSOURI

ADAIR COUNTY
None
ANDREW COUNTY
None
ATCHISON COUNTY
None
AUDRAIN COUNTY
None
BARRY COUNTY
None
BARTON COUNTY
Decision #AP-509 (H-Hw)
37 FR 21783 - 10/13/72
BATES COUNTY
None
BENTON COUNTY
None
BOLLINGER COUNTY
None
BOONE COUNTY
None
BUCHANAN COUNTY
None
BUTLER COUNTY
None
CALDWELL COUNTY
None
CALLAWAY COUNTY
None
CAMDEN COUNTY
None
CAPE GIRARDEAU COUNTY
Decision #AP-602 (D)
38 FR 1433-1/12/73
CARROLL COUNTY
None
CARTER COUNTY
None

MISSOURI (Cont'd)

CASS COUNTY
Decision #AP-517 (B-H-Hw)
37 FR 26218 - 12/8/72
Mod. #1-37 FR 28353-12/22/72
Mod. #2-38 FR 1435-1/12/73
Mod. #3-38 FR 4078-2/9/73
Decision #AP-516 (H)
37 FR 26206 - 12/8/72
Mod. #1-38 FR 1435-1/12/73
Mod. #2-38 FR 4078-2/9/73
CEDAR COUNTY
None
CHARITON COUNTY
None
CHRISTIAN COUNTY
None
CLARK COUNTY
None
CLAY COUNTY
(B-H-Hw) - See Cass County
(H) - See Cass County
CLINTON COUNTY
None
COLE COUNTY
None
COOPER COUNTY
None
CRAWFORD COUNTY
None
DADE COUNTY
None
DALLAS COUNTY
None
DAVIESS COUNTY
None
DE KALB COUNTY
None
DENT COUNTY
None
DOUGLAS COUNTY
None
DUNKLIN COUNTY
None
FRANKLIN COUNTY
None
GASCONADE COUNTY
None
GENTRY COUNTY
None
GREENE COUNTY
None
GRUNDY COUNTY
None
HARRISON COUNTY
None
HENRY COUNTY
None

MISSOURI (Cont'd)

HICKORY COUNTY
None
HOLT COUNTY
Decision #AP-506 (H-Hw)
37 FR 21774 - 10/13/72
HOWARD COUNTY
None
HOWELL COUNTY
None
IRON COUNTY
None
JACKSON COUNTY
(B-H-Hw) - See Cass County
(H) - See Cass County
JASPER COUNTY
None
JEFFERSON COUNTY
(D)-See Cape Girardeau County
JOHNSON COUNTY
None
KNOX COUNTY
None
LACLEDE COUNTY
(H-Hw) - See Barton County
LAFAYETTE COUNTY
None
LAWRENCE COUNTY
(H-Hw) - See Barton County
LEWIS COUNTY
None
LINCOLN COUNTY
None
LINN COUNTY
Decision #AP-508 (H-Hw)
37 FR 21779 - 10/13/72
Mod. #1-37 FR 23057 - 10/27/72
LIVINGSTON COUNTY
None
MC DONALD COUNTY
None
MACON COUNTY
None
MADISON COUNTY
None
MARIES COUNTY
None
MARION COUNTY
None
MERCER COUNTY
None
MILLER COUNTY
None

MISSOURI (Cont'd)

MISSISSIPPI COUNTY
(D)-See Cape Girardeau County
MONITEAU COUNTY
None
MONROE COUNTY
None
MONTGOMERY COUNTY
None
MORGAN COUNTY
None
NEW MADRID COUNTY
None
NEWTON COUNTY
None
NODAWAY COUNTY
None
OREGON COUNTY
None
OSAGE COUNTY
None
OZARK COUNTY
None
PEMISCOT COUNTY
None
PERRY COUNTY
(D)-See Cape Girardeau County
PETTIS COUNTY
(H-Hw) - See Linn County
PHELPS COUNTY
None
PIKE COUNTY
None
PLATTE COUNTY
(B-H-Hw) - See Cass County
(R) - See Cass County
POLK COUNTY
None
PULASKI COUNTY
None
PUTNAM COUNTY
None
RALLS COUNTY
None
RANDOLPH COUNTY
None
RAY COUNTY
(B, H, Hw, R) - See Cass County
REYNOLDS COUNTY
None
RIPLEY COUNTY
None

MISSOURI (Cont'd)

ST. CHARLES COUNTY
Decision #AP-505 (B-H-Hw)
37 FR 17933 - 9/1/72
Mod. #1-37 FR 19884 - 9/22/72
Mod. #2 - 37 FR 25109 - 11/25/72
Mod. #3 - 38 FR 4078 - 2/9/73
Mod. #4 - 38 FR 5096 - 2/23/73
Decision #AP-504 (R)
37 FR 17881 - 9/1/72
Mod. #1-38 FR 4078-2/9/73
(D)-See Cape Girardeau County
ST. CLAIR COUNTY
None
ST. FRANCOIS COUNTY
None
ST. LOUIS COUNTY
(B-H-Hw-R) - See St. Charles County
(D)-See Cape Girardeau County
ST. LOUIS CITY
(B-H-Hw-R) - See St. Charles County
STE. GENEVIEVE COUNTY
(D)-See Cape Girardeau County
SALINE COUNTY
None
SCHUYLER COUNTY
None
SCOTLAND COUNTY
None
SCOTT COUNTY
Decision #AP-507 (H-Hw)
37 FR 21776 - 10/13/72
Mod. #1-37 FR 25109 - 11/25/72
(D)-See Cape Girardeau County
SHANNON COUNTY
None
SHELBY COUNTY
None
STODDARD COUNTY
None
STONE COUNTY
None
SULLIVAN COUNTY
None
TANEY COUNTY
None

MISSOURI (cont'd)

TEXAS COUNTY
None
VERNON COUNTY
None
WARREN COUNTY
None
WASHINGTON COUNTY
None
WAYNE COUNTY
None
WEBSTER COUNTY
None
WORTH COUNTY
None
WRIGHT COUNTY
None

MONTANA

BEAVERHEAD COUNTY
Decision #AP-230 (H-Hw)
37 FR 17945 - 9/1/72
Mod. #1 37 FR 21702 - 10/13/72
Mod. #2 37 FR 23502 - 11/3/72
Mod. #3 37 FR 25616 - 12/1/72
Mod. #4 37 FR 26779 12/15/72
BIG HORN COUNTY
(H-Hw)-See Beaverhead County
BLAINE COUNTY
Decision #AP-229 (H-Hw)
37 FR 17940 - 9/1/72
Mod. #1 - 37 FR 21702 - 10/13/72
Mod. #2 - 37 FR 23500 - 11/3/72
Mod. #3 - 37 FR 25616 - 12/1/72
Mod. #4 - 37 FR 26779 - 12/15/72
CARBON COUNTY
(H-Hw)-See Beaverhead County
CARTER COUNTY
(H-Hw)-See Blaine County
CASCADE COUNTY
(H-Hw)-See Beaverhead County
Decision #AP-237 (B)
37 FR 19900 - 9/22/72
Mod. #1 - 37 FR 25617 - 12/1/72
Mod. #2 - 37 FR 26780 - 12/15/72
CHATEAU COUNTY
(H-Hw)-See Beaverhead County
CUSTER COUNTY
(H-Hw)-See Blaine County
Decision #AP-241 (B)
37 FR 19916 - 9/22/72
Mod. #1 - 37 FR 25619 - 12/1/72
Mod. #2 - 37 FR 26780 - 12/15/72

MONTANA (Cont'd)

DANIELS COUNTY
(H-Hw) - See Blaine County
DAWSON COUNTY
(H-Hw) - See Blaine County
DEERLODGE COUNTY
(H-Hw) - See Beaverhead County
FALLON COUNTY
(H-Hw) - See Blaine County
FERGUS COUNTY
(H-Hw) - See Beaverhead County
FLATHEAD COUNTY
(H-Hw) - See Beaverhead County
Decision #AP-239 (B)
37 FR 19909 - 9/22/72
Mod. #1-37 FR 23506 - 11/3/72
Mod. #2-37 FR 26203 - 12/8/72
Mod. #3-37 FR 26780 - 12/15/72
GALLATIN COUNTY
(H-Hw) - See Beaverhead County
Decision #AP-240 (B)
37 FR 19912 - 9/22/72
Mod. #1-37 FR 23508 - 11/3/72
Mod. #2-37 FR 26203 - 12/8/72
GARFIELD COUNTY
(H-Hw) - See Blaine County
GLACIER COUNTY
(H-Hw) - See Beaverhead County
GOLDEN VALLEY COUNTY
(H-Hw) - See Beaverhead County
GRANITE COUNTY
(H-Hw) - See Beaverhead County
HILL COUNTY
(H-Hw) - See Beaverhead County
JEFFERSON COUNTY
(H-Hw) - See Beaverhead County
JUDITH BASIN COUNTY
(H-Hw) - See Beaverhead County
LAKE COUNTY
(H-Hw)- See Beaverhead County
LEWIS & CLARK COUNTY
(H-Hw) - See Beaverhead County
(B) - See Gallatin County
LIBERTY COUNTY
(H-Hw) - See Beaverhead County
LINCOLN COUNTY
(H-Hw) - See Beaverhead County
McCONE COUNTY
(H-Hw) - See Blaine County
MADISON COUNTY
(H-Hw) - See Beaverhead County
MEAGHER COUNTY
(H-Hw) - See Beaverhead County

MONTANA (Cont'd)

MINERAL COUNTY
(H-Hw) - See Beaverhead County
MISSOULA COUNTY
(H-Hw) - See Beaverhead County
(B) - See Flathead County
MUSSELSHELL COUNTY
(H-Hw) - See Beaverhead County
PARK COUNTY
(H-Hw) - See Beaverhead County
PETROLEUM COUNTY
(H-Hw) - See Blaine County
PHILLIPS COUNTY
(H-Hw) - See Blaine County
PONDERA COUNTY
(H-Hw) - See Beaverhead County
POWDER RIVER COUNTY
(H-Hw) - See Blaine County
POWELL COUNTY
(H-Hw) - See Beaverhead County
PRAIRIE COUNTY
(H-Hw) - See Blaine County
RAVALLI COUNTY
(H-Hw) - See Beaverhead County
RICHLAND COUNTY
(H-Hw) - See Blaine County
ROOSEVELT COUNTY
(H-Hw) - See Blaine County
ROSEBUD COUNTY
(H-Hw) - See Beaverhead County
SANDERS COUNTY
(H-Hw) - See Beaverhead County
SHERIDAN COUNTY
(H-Hw) - See Blaine County
SILVERBOW COUNTY
(H-Hw) - See Beaverhead County
Decision #AP-238 (B)
37 FR 19904 - 9/22/72
Mod. #1-37 FR 26201 - 12/8/72
STILLWATER COUNTY
(H-Hw) - See Beaverhead County
SWEETGRASS COUNTY
(H-Hw) - See Beaverhead County
TETON COUNTY
(H-Hw) - See Beaverhead County

MONTANA (Cont'd)

TOOLE COUNTY
(H-Hw) - See Beaverhead County
TREASURE COUNTY
(H-Hw) - See Beaverhead County
VALLEY COUNTY
(H-Hw) - See Blaine County
WHEATLAND COUNTY
(H-Hw) - See Beaverhead County
WIBAUX COUNTY
(H-Hw) - See Blaine County
YELLOW STONE COUNTY
(H-Hw) - See Beaverhead County
(B) - See Custer County

NEBRASKA

ADAMS COUNTY
Decision #AP-211 (Hw)
37 FR 15829 - 8/4/72
ANTELOPE COUNTY
(Hw) - See Adams County
ARTHUR COUNTY
(Hw) - See Adams County
BANNER COUNTY
(Hw) - See Adams County
BLAINE COUNTY
(Hw) - See Adams County
BOONE COUNTY
(Hw) - See Adams County
BOX BUTTE COUNTY
(Hw) - See Adams County
BOYD COUNTY
(Hw) - See Adams County
BROWN COUNTY
(Hw) - See Adams County
BUFFALO COUNTY
(Hw) - See Adams County
BURT COUNTY
(Hw) - See Adams County
BUTLER COUNTY
(Hw) - See Adams County
CASS COUNTY
(Hw) - See Adams County

NEBRASKA (Cont'd)

CEDAR COUNTY
(Hw) - See Adams County
CHASE COUNTY
(Hw) - See Adams County
CHERRY COUNTY
(Hw) - See Adams County
CHEYENNE COUNTY
(Hw) - See Adams County
CLAY COUNTY
(Hw) - See Adams County
COLFAX COUNTY
(Hw) - See Adams County
CUMING COUNTY
(Hw) - See Adams County
CUSTER COUNTY
(Hw) - See Adams County
DAKOTA COUNTY
(Hw) - See Adams County
DAWES COUNTY
(Hw) - See Adams County
DAWSON COUNTY
(Hw) - See Adams County
DEUEL COUNTY
(Hw) - See Adams County
DIXON COUNTY
(Hw) - See Adams County
DODGE COUNTY
(Hw) - See Adams County
DOUGLAS COUNTY
Decision #AP-210 (B-H-Hw)
37 FR 15826 - 8/4/72
DUNDY COUNTY
(Hw) - See Adams County
FILLMORE COUNTY
(Hw) - See Adams County
FRANKLIN COUNTY
(Hw) - See Adams County
FRONTIER COUNTY
(Hw) - See Adams County
FURNAS COUNTY
(Hw) - See Adams County
GAGE COUNTY
(Hw) - See Adams County
GARDEN COUNTY
(Hw) - See Adams County
GARFIELD COUNTY
(Hw) - See Adams County
GOSPER COUNTY
(Hw) - See Adams County
GRANT COUNTY
(Hw) - See Adams County

NEBRASKA (Cont'd)

GREELEY COUNTY
(Hw) - See Adams County
HALL COUNTY
(Hw) - See Adams County
HAMILTON COUNTY
(Hw) - See Adams County
HARLAN COUNTY
(Hw) - See Adams County
HAYES COUNTY
(Hw) - See Adams County
HITCHCOCK COUNTY
(Hw) - See Adams County
HOLT COUNTY
(Hw) - See Adams County
HOOKER COUNTY
(Hw) - See Adams County
HOWARD COUNTY
(Hw) - See Adams County
JEFFERSON COUNTY
(Hw) - See Adams County
JOHNSON COUNTY
(Hw) - See Adams County
KEARNEY COUNTY
(Hw) - See Adams County
KEITH COUNTY
(Hw) - See Adams County
KEYAPAHA COUNTY
(Hw) - See Adams County
KIMBALL COUNTY
(Hw) - See Adams County
KNOX COUNTY
(Hw) - See Adams County
LANCASTER COUNTY
(Hw) - See Adams County
Decision #AM-2,441 (B)
36 FR 16874 - 8/25/71
Mod. #1-37 FR 11117 - 6/2/72
Decision #AM-6,140 (R)
36 FR 21736 - 11/12/71
LINCOLN COUNTY
(Hw) - See Adams County
LOGAN COUNTY
(Hw) - See Adams County
LOUP COUNTY
(Hw) - See Adams County
MC PHERSON COUNTY
(Hw) - See Adams County
MADISON COUNTY
(Hw) - See Adams County

NEBRASKA (Cont'd)

MERRICK COUNTY
(Hw) - See Adams County
MORRILL COUNTY
(Hw) - See Adams County
NANCE COUNTY
(Hw) - See Adams County
NEMAHA COUNTY
(Hw) - See Adams County
NUCKOLLS COUNTY
(Hw) - See Adams County
OTOE COUNTY
(Hw) - See Adams County
PAWNEE COUNTY
(Hw) - See Adams County
PERKINS COUNTY
(Hw) - See Adams County
PHELPS COUNTY
(Hw) - See Adams County
PIERCE COUNTY
(Hw) - See Adams County
PLATTE COUNTY
(Hw) - See Adams County
POLK COUNTY
(Hw) - See Adams County
RED WILLOW COUNTY
(Hw) - See Adams County
RICHARDSON COUNTY
(Hw) - See Adams County
ROCK COUNTY
(Hw) - See Adams County
SALINE COUNTY
(Hw) - See Adams County
SARPY COUNTY
(B-H-Hw) - See Douglas County
SAUNDERS COUNTY
(Hw) - See Adams County
SCOTTS BLUFF COUNTY
(Hw) - See Adams County
SEWARD COUNTY
(Hw) - See Adams County
SHERIDAN COUNTY
(Hw) - See Adams County
SHERMAN COUNTY
(Hw) - See Adams County
SIOUX COUNTY
(Hw) - See Adams County

NEBRASKA (Cont'd)

STANTON COUNTY
(Hw) - See Adams County
THAYER COUNTY
(Hw) - See Adams County
THOMAS COUNTY
(Hw) - See Adams County
THURSTON COUNTY
(Hw) - See Adams County
VALLEY COUNTY
(Hw) - See Adams County
WASHINGTON COUNTY
(Hw) - See Adams County
WAYNE COUNTY
(Hw) - See Adams County
WEBSTER COUNTY
(Hw) - See Adams County
WHEELER COUNTY
(Hw) - See Adams County
YORK COUNTY
(Hw) - See Adams County

NEVADA

STATEWIDE (Excluding the Nevada Test Site & Tonopah Test Range)
Decision #AP-236 (H-Hw)
37 FR 19919 - 9/22/72
Mod. #1-37 FR 21219 - 10/6/72
Mod. #2-37 FR 23973-11/10/72
Mod. #3-37 FR 28353-12/22/72
CHURCHILL COUNTY
Decision #AP-242 (B)
37 FR 19934 - 9/22/72
(H-Hw) - See Statewide
CLARK COUNTY
Decision #AM-6197 (R)(Excluding N.T.S)
36 FR 22110 - 11/19/71
Decision #AP-243 (B) (Excluding N.T.S)
37 FR 19945 - 9/22/72
Mod. #1-37 FR 19945 - 9/22/72
Mod. #2-37 FR 23973-11/10/72
Mod. #3-37 FR 28353-12/22/72
(H-Hw) - See Statewide
Decision #AP-225 (B-H-Hw) (Nevada Test Site including the Tonopah Test Site
37 FR 17355 - 8/25/72
DOUGLAS COUNTY
(H-Hw) - See Statewide

NEVADA (Cont'd)

ELKA COUNTY
(H-Hw) - See Statewide
ESMERALDA COUNTY
(H-Hw) - See Statewide
EUREKA COUNTY
(H-Hw) - See Statewide
HUMBOLDT COUNTY
(H-Hw) - See Statewide
LANDER COUNTY
(H-Hw) - See Statewide
LINCOLN COUNTY
(B) - See Clark County (AP-243)
(H-Hw) - See Statewide
LYON COUNTY
(H-Hw) - See Statewide
MINERAL COUNTY
(H-Hw) - See Statewide
(B) - See Churchill County
NYE COUNTY
(B) - See Clark County(#AP-243)
(B-H-Hw) - See Clark County(#AP-225)
(H-Hw) - See Statewide
PERSHING COUNTY
(H-Hw) - See Statewide
STOREY COUNTY
(H-Hw) - See Statewide
WASHAE COUNTY
Decision #AM-6198 (R)
36 FR 22112 - 11/19/72
(H-Hw) - See Statewide
(B) - See Churchill County
WHITE PINE COUNTY
(H-Hw) - See Statewide
CARSON CITY (Ind.)
(H-Hw) - See Statewide

NEW HAMPSHIRE

BELKNAP COUNTY
None
CARROLL COUNTY
None
CHESHIRE COUNTY
None
COOS COUNTY
None

NEW HAMPSHIRE (Cont'd)

GRAFTON COUNTY
None
HILLSBORO COUNTY
None
MERRIMACK COUNTY
None
ROCKINGHAM COUNTY
DEcision #AM-9322 (D)
37 FR 10693 - 5/26/72
Mod. #1 - 37 FR 19871 - 9/22/72
STRAFFORD COUNTY
None
SULLIVAN COUNTY
None

NEW JERSEY

ATLANTIC COUNTY
Decision #AM-1,706 (B,H,Hw)
36 FR-14799 - 8/11/71
Mod. #1-36 FR 20078 - 10/15/71
Mod. #2-37 FR 966 - 1/21/72
Mod. #3-37 FR 5660 - 3/17/72
Mod. #4-37 FR 6132 - 3/24/72
Mod. #5-37 FR 17315 - 8/25/72
Decision #AM-9,322 (D)
37 FR 10693 - 5/26/72
Mod. #1-37 FR 19871 - 9/22/72
BERGEN COUNTY
Decision #AM-1,707 (B,H,Hw)
36 FR 14805 - 8/11/71
Mod. #1-36 FR 19649 - 10/8/71
Mod. #2-36 FR 20462 - 10/22/71
Mod. #3-37 FR 966 - 1/21/72
Mod. #4-37 FR 6132 - 3/24/72
Mod. #5-37 FR 17315 - 8/25/72
(D) - See Atlantic County
BURLINGTON COUNTY
Decision #AM-1,708 (B,H,Hw)
36 FR 14812 - 8/11/71
Mod. #1-36 FR 19285 - 10/1/71
Mod. #2-37 FR 967 - 1/21/72
Mod. #3-37 FR 5660 - 3/17/72
Mod. #4-37 FR 7029 - 4/1/72
Mod. #5-37 FR 7922 - 4/21/72
Mod. #6-37 FR 17315 - 8/25/72
(D) - See Atlantic County

NEW JERSEY (cont'd)

CAMDEN COUNTY
Decision #AM-1,709 (B,H,Hw)
36 FR 14820 - 8/11/71
Mod. #1-36 FR 18274 - 9/10/71
Mod. #2-37 FR 20078 - 10/15/72
Mod. #3-37 FR 967 - 1/21/72
Mod. #4-37 FR 5661 - 3/17/72
Mod. #5-37 FR 6133 - 3/24/72
(D) - See Atlantic County
CAPE MAY COUNTY
(B,H,Hw,D) - See Atlantic County
CUMBERLAND COUNTY
Decision #AM-1,710 (B,H,Hw)
36 FR 14827 - 8/11/71
Mod. #1-36 FR 20079 - 10/15/71
Mod. #2-37 FR 968 - 1/21/72
Mod. #3-37 FR 5661 - 3/17/72
Mod. #4-37 FR 6133 - 3/24/72
Mod. #5-37 FR 17315 - 8/25/72
(D) - See Atlantic County
ESSEX COUNTY
Decision #AM-1711 (B, H, Hw)
36 FR 14834 - 8/11/71
GLOUCESTER COUNTY
(B,H,Hw) - See Camden County
(D) - See Atlantic County
HUDSON COUNTY
Decision #AM-1,712 (B,H,Hw)
36 FR 14841 - 8/11/71
Mod. #1-36 FR 19650 - 10/8/71
Mod. #2-37 FR 968 - 1/21/72
Mod. #3-37 FR 6134 - 3/24/72
Mod. #4-37 FR 17903 - 9/1/72
Mod. #5-37 FR FR 25621 - 12/1/72
(D) - See Atlantic County
HUNTERDON COUNTY
None
MERCER COUNTY
Decision #AM-1,714 (B,H,Hw)
36 FR 14848 - 8/11/71
Mod. #1-36 FR 19650 - 10/8/71
Mod. #2-36 FR 20079 - 10/15/71
Mod. #3-37 FR 969 - 1/21/72
Mod. #4-37 FR 6135 - 3/24/72
Mod. #5-37 FR 17316 - 8/25/72
Mod. #6-37 FR 7922 - 4/21/72
Mod. #7-38 FR 3251 - 2/2/73
(D)-See Atlantic County

NEW JERSEY (Cont'd)

MIDDLESEX COUNTY
Decision #AM-1,714 (B,H,Hw)
36 FR 14848 - 8/11/71
Mod. #1-36 FR 19650 - 10/8/71
Mod. #2-36 FR 20079 - 10/15/71
Mod. #3-37 FR 969 - 1/21/72
Mod. #4-37 FR 6135 - 3/24/72
Mod. #5-37 FR 17316 - 8/25/72
(D) - See Atlantic County
MONMOUTH COUNTY
Decision #AM-1,715 (B,H,Hw)
36 FR 14863 - 8/11/71
Mod. #1-36 FR 19650 - 10/8/71
Mod. #2-36 FR 20079 - 10/15/71
Mod. #3-36 FR 20462 - 10/22/71
Mod. #4-37 FR 970 - 1/21/72
Mod. #5-37 FR 6135 - 3/24/72
Mod. #6-37 FR 17903 - 9/1/72
(D) - See Atlantic County
MORRIS COUNTY
Decision #AM-1,716 (B,H,Hw)
36 FR 14870 - 8/11/71
Mod. #1-36 FR 19285 - 10/1/71
Mod. #2-36 FR 19650 - 10/8/71
Mod. #3-36 FR 20079 - 10/15/71
Mod. #4-37 FR 970 - 1/21/72
Mod. #5-37 FR 6136 - 3/24/72
Mod. #6-37 FR 17904 - 9/1/72
(D) - See Atlantic County
OCEAN COUNTY
Decision #AM-1,717 (B,H,Hw)
36 FR 14878 - 8/11/71
Mod. #1-36 19650 - 10/8/71
Mod. #2-36 20079 - 10/15/71
Mod. #3-36 20462 - 10/22/71
Mod. #4-37 971 - 1/21/72
Mod. #5-37 6136 - 3/24/72
Mod. #6-37 17904 - 9/1/72
(D) - See Atlantic County
PASSAIC COUNTY
Decision #AM-1,718 (B,H,Hw)
36 FR 14885 - 8/11/71
Mod. #1-36 FR 20080 - 10/15/71
Mod. #2-37 FR 971 - 1/21/72
Mod. #3-37 FR 5662 - 3/17/72
Mod. #4-37 FR 6137 - 3/24/72
(D) - See Atlantic County

NEW JERSEY (Cont'd)

SALEM COUNTY
(D) - See Atlantic County
SOMERSET COUNTY
Decision #AM-1,719 (B,H,Hw)
36 FR 14892 - 8/11/71
Mod. #1-36 FR 19285 - 10/1/71
Mod. #2-36 FR 20080 - 10/15/71
Mod. #3-37 FR 972 - 1/21/72
Mod. #4-37 FR 6137 - 3/24/72
(D) - See Atlantic County
SUSSEX COUNTY
None
UNION COUNTY
Decision #AM-1,720 (B,H,Hw)
36 FR 14900 - 8/11/71
Mod. #1-36 FR 19650 - 10/8/71
Mod. #2-36 FR 20080 - 10/15/71
Mod. #3-37 FR 972 - 1/21/72
Mod. #4-37 FR 5662 - 3/17/72
Mod. #5-37 FR 6137 - 3/24/72
Mod. #6-37 FR 17316 - 8/25/72
(D) - See Atlantic County
WARREN COUNTY
None

NEW MEXICO

STATEWIDE
Decision #AM-11,406 (Streets, Highways, Utilities and Light Engineering Construction)
37 FR 6139 - 3/24/72
Mod. #1-37 FR 7429 - 4/14/72
Mod. #2-37 FR 9169 - 5/5/72
Mod. #3-37 FR 11621 - 6/9/72
Decision #AF-700 (Building & Heavy Engineering Construction)
38 FR 4162-2/9/73
Mod. #1 - 38 FR 5096 - 2/23/73
BERNALILLO COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
CATRON COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
CHAVES COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
COLFAX COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
CURRY COUNTY
(B,HE,S,Hw,U,LE)-See Statewide

NEW MEXICO (Cont'd)

DE BACA COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
DONA ANA COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
Decision #AF-340 (R)
37 FR 19869-9/22/72
EDDY COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
GRANT COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
GUADALUPE COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
HARDING COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
HIDALGO COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
LEA COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
LINCOLN COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
LOS ALAMOS COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
LUNA COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
McKINLEY COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
MORAW COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
OTERO COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
QUAY COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
RIO ARRIBA COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
ROOSEVELT COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
SANDOVAL COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
SAN JUAN COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
SAN MIGUEL COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
SANTA FE COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
SIERRA COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
SOCORRO COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
TAOS COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
TORRANCE COUNTY
(B,HE,S,Hw,U,LE)-See Statewide

NEW MEXICO (Cont'd)

UNION COUNTY
(B,HE,S,Hw,U,LE)-See Statewide
VALENCIA COUNTY
(B,HE,S,Hw,U,LE)-See Statewide

NEW YORK

ALBANY COUNTY
Decision #AP-452 (B,H,Hw)
37 FR 26782 - 12/15/72
ALLEGANY COUNTY
None
BRONX COUNTY
Decision #AM-1,721 (B,H,Hw)
36 FR 14908 - 8/11/71
Mod. #1-36 FR 18988 - 9/24/71
Mod. #2-37 FR 1434 - 1/28/72
Mod. #3-37 FR 5169-3/10/72
Mod. #4-37 FR 12019 - 6/16/72
Mod. #5-37 FR 23510 - 11/3/72
Decision #AP-400 (R)
37 FR 13913 - 7/14/72
Mod. #1-37 FR 23510-11/3/72
Decision #AM-9,322 (D)
37 FR 10693 - 5/26/72
Mod. #1-37 FR 19871 - 9/22/72
Mod. #2-38 FR 5097 - 2/23/73
BROOME COUNTY
Decision #AP-469 (B,H,Hw)
38 FR 4169-2/9/73
CATTARAUGUS COUNTY
None
CAYUGA COUNTY
Decision #AP-14 (D)
37 FR 14670 - 7/21/72
CHAUTAUQUA COUNTY
(D) - See Cayuga County
CHEMING COUNTY
None
CHENANGO COUNTY
None

NEW YORK (Cont'd)

CLINTON COUNTY
None
COLUMBIA COUNTY
None
CORTLAND COUNTY
None
DELAWARE COUNTY
None
DUTCHESS COUNTY
Decision #AM-1,724 (B,H,Hw)
36 FR 14921 - 8/11/71
Mod. #1-36 FR 19650 - 10/8/71
Mod. #2-37 FR 973 - 1/21/72
Mod. #3-37 FR 7029 - 4/7/72
(D) - See Bronx County
ERIE COUNTY
Decision #AM-1,725 (B,H,Hw)
36 FR 14928 - 8/11/71
Mod. #1-36 FR 19287 - 10/1/71
Mod. #2-36 FR 20462 - 10/22/71
Mod. #3-37 FR 973 - 1/21/72
Mod. #4-37 FR 6611 - 3/31/72
Mod. #5-37 FR 22705 - 10/20/72
(D) - See Cayuga County
ESSEX COUNTY
None
FRANKLIN COUNTY
(D) - See Cayuga County
FULTON COUNTY
None
GENESSE COUNTY
None
GREENE COUNTY
None
HAMILTON COUNTY
None
HERKIMER COUNTY
None
JEFFERSON COUNTY
Decision #AM-1,726 (B,H,Hw)
36 FR 14932 - 8/11/71
Mod. #1-36 FR 19650 - 10/8/71
Mod. #2-36 FR 20839 - 10/29/71
Mod. #3-37 FR 973 - 1/21/72
Mod. #4-37 FR 6611 - 3/31/72
Mod. #5-37 FR 19886 - 8/22/72
(D) - See Cayuga County

NEW YORK (Cont'd)

KINGS COUNTY
(B,H,Hw,R,D) - See Bronx County
LEWIS COUNTY
None
LIVINGSTON COUNTY
None
MADISON COUNTY
None
MONROE COUNTY
Decision #AP-453 (B,H,Hw)
37 FR 28380-12/22/72
(D) - See Cayuga County
MONTGOMERY COUNTY
None
NASSAU COUNTY
Decision #AM-1,728 (B,H,Hw)
Mod. #1-36 FR 18988 - 9/24/71
Mod. #2-37 FR 973 - 1/21/72
Mod. #3-37 FR 1434 - 1/28/72
Mod. #4-37 FR 4021 - 2/25/72
Mod. #5-37 FR 6612 - 3/31/72
Mod. #6-37 FR 13018 - 6/30/72
(D) - See Bronx County
NEW YORK COUNTY
(B,H,Hw,R,D) - See Bronx County
NIAGARA COUNTY
Decision #AM-1,729 (B,H,Hw)
36 FR 14950 - 8/11/71
Mod. #1-36 FR 19651 - 10/8/71
Mod. #2-36 FR 20462 - 10/22/71
Mod. #3-37 FR 973 - 1/21/72
Mod. #4-37 FR 6612 - 3/31/72
(D) - See Cayuga County
ONEIDA COUNTY
Decision #AM-1,730 (B,H,Hw)
36 FR 14955 - 8/11/71
Mod. #1-36 FR 19651 - 10/8/71
Mod. #2-36 FR 20839 - 10/29/71
Mod. #3-37 FR 973 - 1/21/72
Mod. #4-37 FR 1434 - 1/28/72
Mod. #5-37 FR 6612 - 3/31/72

NEW YORK (Cont'd)

ONEIDA COUNTY
Decision #AM-1,730 (B,H,Hw)(Cont'd)
Mod. #6-37 FR 9595 - 5/12/72
Mod. #7-37 FR 19887 - 9/22/72
ONONDAGA COUNTY
Decision #AM-1,731 (B,H,Hw)
36 FR 14960 - 8/11/71
Mod. #1-36 19287 - 10/1/71
Mod. #2-36 FR 20463 - 10/22/71
Mod. #3-36 FR 20839 - 10/29/71
Mod. #4-37 FR 974 - 1/21/72
Mod. #5-37 FR 6613 - 3/31/72
Mod. #6-27 FR 19888 - 9/22/72
ONTARIO COUNTY
None
ORANGE COUNTY
Decision #AM-1,732 (B,H,Hw)
36 FR 14965 - 8/11/71
Mod. #1-36 FR 20080 - 10/15/71
Mod. #2-37 FR 974 - 1/21/72
Mod. #3-37 FR 7030 - 4/7/72
Mod. #4-37 FR 22705 - 10/20/72
Mod. #5-38 FR 2010-1/19/73
(D) - See Bronx County
ORLEANS COUNTY
(D) - See Cayuga County
OSWEGO COUNTY
(D) - See Cayuga County
OTSEGA COUNTY
None
PUTNAM COUNTY
None
QUEENS COUNTY
(B,H,Hw,R,D) - See Bronx County
RENSSELAER COUNTY
Decision #AM-1,733 (B,H,Hw)
36 FR 14972 - 8/11/71
Mod. #1-36 FR 19288 - 8/11/71
Mod. #2-36 FR 20839 - 10/29/71
Mod. #3-37 FR 974 - 1/21/72
Mod. #4-37 FR 6613 - 3/31/72
Mod. #5-37 FR 22706 - 10/20/72
Mod. #6-37 FR 23058 - 10/27/72
RICHMOND COUNTY
(B,H,Hw,R,D) - See Bronx County
ROCKLAND COUNTY
(D) - See Albany County

NEW YORK (Cont'd)

ST LAWRENCE COUNTY
(D)-See Cayuga County
SARATOGA COUNTY
Decision #AP-451 (B,H,Hw)
37 FR 25099 - 11/25/72
SCHENECTADY COUNTY
Decision #AM-1734 (B,H,Hw)
36 FR 14976 - 8/11/71
Mod. #1 - 36 FR 19288 - 10/1/71
Mod. #2 - 36 FR 20839 - 10/29/71
Mod. #3-37 FR 974-1/21/72
Mod. #4-37 FR 6613-3/31/72
Mod. #5 - 37 FR 23062 - 10/27/72
SCHOHARIE COUNTY
None
SCHUYLER COUNTY
None
SENECA COUNTY
None
STEUBEN COUNTY
None
SUFFOLK COUNTY
Decision #AM-1735 (B,H,Hw)
36 FR 14890 - 8/11/71
Mod. #1 - 36 FR 18988 - 9/24/71
Mod. #2 - 37 FR 4021 - 2/2 /72
Mod. #3 - 37 FR 22706 - 10/20/72
Mod. #4 - 37 FR 23973 - 11/10/72
(D)-See Bronx County
SULLIVAN COUNTY
None
TIOGA COUNTY
None
TOMPKINS COUNTY
None
ULSTER COUNTY
None
WARREN COUNTY
None
WASHINGTON COUNTY
None
WAYNE COUNTY
(D) - See Cayuga County
WESTCHESTER COUNTY
Decision #AM-1,736 (B,H,Hw)
36 FR 14985 - 8/11/71
Mod. #1-36 FR 19652 - 8/11/71
Mod. #2-36 FR 20463 - 10/22/71
Mod. #3-37 FR 974 - 1/21/72
Mod. #4-37 FR 6613 - 3/31/72
(D) - See Bronx County

NEW YORK (Cont'd)

WYOMING COUNTY
None
YATES COUNTY
None

NORTH CAROLINA

STATEWIDE
Decision #AM-1847 (Hw)
36 FR 16474 - 8/20/71
Decision #AP-156 (Sewer & Water)
38 FR 4618 - 2/16/73
ALAMANCE COUNTY
(Hw) - See Statewide
ALEXANDER COUNTY
(Hw) - See Statewide
ALLEGHANY COUNTY
(Hw) - See Statewide
ANSON COUNTY
(Hw) - See Statewide
ASHE COUNTY
(Hw) - See Statewide
AVERY COUNTY
(Hw) - See Statewide
BEAUFORT COUNTY
Decision #AP-439 (D)
37 FR 22101 - 10/20/72
(Hw) - See Statewide
BERTIE COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
BLADEN COUNTY
(Hw) - See Statewide
BRUNSWICK COUNTY
(D) - See Beaufort County
BUNCOMBE COUNTY
(Hw) - See Statewide
BURKE COUNTY
(Hw) - See Statewide
CABARRUS COUNTY
(Hw) - See Statewide
CALDWELL COUNTY
(Hw) - See Statewide
CAMDEN COUNTY
(Hw) - See Statewide
CARTERET COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
CASWELL COUNTY
(Hw) - See Statewide
CATAWBA COUNTY
(Hw) - See Statewide
CHATHAM COUNTY
(Hw) - See Statewide

NORTH CAROLINA (Cont'd)

CHEROKEE COUNTY
(Hw) - See Statewide
CHOWAN COUNTY
(D) - See Beaufort County
(Hw)-See Statewide
CLAY COUNTY
(Hw) - See Beaufort County
CLEVELAND COUNTY
(Hw) - See Statewide
COLUMBUS COUNTY
(Hw) - See Statewide
CRAVEN COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
CUMBERLAND COUNTY
(Hw) - See Statewide
CURRITUCK COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
DARE COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
DAVIDSON COUNTY
(Hw) - See Statewide
DAVIE COUNTY
(Hw) - See Statewide
DUPLIN COUNTY
(Hw) - See Statewide
DURHAM COUNTY
(Hw) - See Statewide
EDGECOMBE COUNTY
(Hw) - See Statewide
FORSYTH COUNTY
(Hw) - See Statewide
FRANKLIN COUNTY
(Hw) - See Statewide
GASTON COUNTY
(Hw) - See Statewide
GATES COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
GRAHAM COUNTY
(Hw) - See Statewide
GRANVILLE COUNTY
(Hw) - See Statewide
GREENE COUNTY
(Hw) - See Statewide
GUILFORD COUNTY
(Hw) - See Statewide

NORTH CAROLINA (Cont'd)

HALIFAX COUNTY
(Hw) - See Statewide
HARNETT COUNTY
(Hw) - See Statewide
HAYWOOD COUNTY
(Hw) - See Statewide
HENDERSON COUNTY
(Hw) - See Statewide
HERTFORD COUNTY
(D) - See Beaufort County
(Hw) - See Statewide County
HOKE COUNTY
(Hw) - See Statewide
HYDE COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
IREDELL COUNTY
(Hw) - See Statewide
JACKSON COUNTY
(Hw) - See Statewide
JOHNSTON COUNTY
(Hw) - See Statewide
JONES COUNTY
(Hw) - See Statewide
LEE COUNTY
(Hw) - See Statewide
LENOIR COUNTY
(Hw) - See Statewide
LINCOLN COUNTY
(Hw) - See Statewide
McDOWELL COUNTY
(Hw) - See Statewide
MACON COUNTY
(Hw) - See Statewide
MADISON COUNTY
(Hw) - See Statewide
MARTIN COUNTY
(Hw) - See Statewide
MECKLENBURG COUNTY
Decision #AP-161(B)
38 FR 5753 - 3/2/73
(Hw) - See Statewide
MITCHELL COUNTY
(Hw) - See Statewide
MONTGOMERY COUNTY
(Hw) - See Statewide
MOORE COUNTY
(Hw) - See Statewide
NASH COUNTY
(Hw) - See Statewide

NORTH CAROLINA (Cont'd)

NEW HANOVER COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
NORTHAMPTON COUNTY
(Hw) - See Statewide
ONSLOW COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
ORANGE COUNTY
(Hw) - See Statewide
PAMLICO COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
PASQUOTANK COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
PENDER COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
PERQUIMANS COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
PERSON COUNTY
(Hw) - See Statewide
PITT COUNTY
(Hw) - See Statewide
POLK COUNTY
(Hw) - See Statewide
RANDOLPH COUNTY
(Hw) - See Statewide
RICHMOND COUNTY
(Hw) - See Statewide
ROBESON COUNTY
(Hw) - See Statewide
ROCKINGHAM COUNTY
(Hw) - See Statewide
ROWAN COUNTY
(Hw) - See Statewide
RUTHERFORD COUNTY
(Hw) - See Statewide
SAMPSON COUNTY
(Hw) - See Statewide
SCOTLAND COUNTY
(Hw) - See Statewide
STANLY COUNTY
(Hw) - See Statewide

NORTH CAROLINA (Cont'd)

STOKES COUNTY
(Hw) - See Statewide
SURRY COUNTY
(Hw) - See Statewide
SWAIN COUNTY
(Hw) - See Statewide
TRANSYLVANIA COUNTY
(Hw) - See Statewide
TYRRELL COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
UNION COUNTY
(Hw) - See Statewide
VANCE COUNTY
(Hw) - See Statewide
WAKE COUNTY
(Hw) - See Statewide
WARREN COUNTY
(Hw) - See Statewide
WASHINGTON COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
WATAUGA COUNTY
(Hw) - See Statewide
WAYNE COUNTY
(Hw) - See Statewide
WILKS COUNTY
(Hw) - See Statewide
WILSON COUNTY
(Hw) - See Statewide
YADKIN COUNTY
(Hw) - See Statewide
YANCEY COUNTY
(Hw) - See Statewide

NORTH DAKOTA

STATEWIDE
Decision #AM-2,509 (Hw)
36 FR 17133 - 8/27/71
Mod. #1-37 FR 974 - 1/21/72
Mod. #2-37 FR 3662 - 2/18/72
Mod. #3-37 FR 21703 - 10/13/72
ADAMS COUNTY
(Hw) - See Statewide

NORTH DAKOTA (Cont'd)

BARNES COUNTY
(Hw) - See Statewide
BENSON COUNTY
(Hw) - See Statewide
BILLINGS COUNTY
(Hw) - See Statewide
BOTTINEAU COUNTY
(Hw) - See Statewide
BOWMAN COUNTY
(Hw) - See Statewide
BURKE COUNTY
(Hw) - See Statewide
BURLEIGH COUNTY
(Hw) - See Statewide
Decision #AM-2,510 (B)
36 FR 17119 - 8/27/71
Mod. #1-37 FR 974 - 1/21/72
Mod. #2-37 FR 4022-2/25/72
Mod. #3-37 FR 12017 - 6/16/72
Mod. #4-37 FR 21704 - 10/13/72
CASS COUNTY
(Hw) - See Statewide
Decision #AM-2,511 (B)
36 FR 17122 - 8/27/71
Mod. #1-37 FR 974 - 1/21/72
Mod. #2-37 FR 4023 - 2/25/72
Mod. #3-37 FR 21706 - 10/13/72
CAVALIER COUNTY
(Hw) - See Statewide
DICKEY COUNTY
(Hw) - See Statewide
DIVIDE COUNTY
(Hw) - See Statewide
DUNN COUNTY
(Hw) - See Statewide
EDDY COUNTY
(Hw) - See Statewide
EMMONS COUNTY
(Hw) - See Statewide
FOSTER COUNTY
(Hw) - See Statewide
GOLDEN VALLEY COUNTY
(Hw) - See Statewide

NORTH DAKOTA (Cont'd)

GRAND FORKS COUNTY
(Hw) - See Statewide
Decision #AM-2,512 (B)
36 FR 17125 - 8/27/71
Mod. #1-37 FR 974 - 1/21/72
Mod. #2-37 FR 4024 - 2/25/72
Mod. #3-37 FR 21708 - 10/13/72
GRANT COUNTY
(Hw) - See Statewide
GRIGGS COUNTY
(Hw) - See Statewide
HETTINGER COUNTY
(Hw) - See Statewide
KIDDER COUNTY
(Hw) - See Statewide
LAMOURE COUNTY
(Hw) - See Statewide
LOGAN COUNTY
(Hw) - See Statewide
McHENRY COUNTY
(Hw) - See Statewide
McINTOSH COUNTY
(Hw) - See Statewide
McKENZIE COUNTY
(Hw) - See Statewide
McLEAN COUNTY
(Hw) - See Statewide
MERCER COUNTY
(Hw) - See Statewide
MORTON COUNTY
(Hw) - See Statewide
(B) - See Burleigh County
MOUNTRAIL COUNTY
(Hw) - See Statewide
NELSON COUNTY
(Hw) - See Statewide
OLIVER COUNTY
(Hw) - See Statewide
PEMBINA COUNTY
(Hw) - See Statewide
PIERCE COUNTY
(Hw) - See Statewide
RAMSEY COUNTY
(Hw) - See Statewide

NORTH DAKOTA (Cont'd)

RANSOM COUNTY
(Hw) - See Statewide
RENVILLE COUNTY
(Hw) - See Statewide
RICHLAND COUNTY
(Hw) - See Statewide
(B) - See Cass County
ROLETTE COUNTY
(Hw) - See Statewide
SARGENT COUNTY
(Hw) - See Statewide
SHERIDAN COUNTY
(Hw) - See Statewide
SIOUX COUNTY
(Hw) - See Statewide
SLOPE COUNTY
(Hw) - See Statewide
STARK COUNTY
(Hw) - See Statewide
STEELE COUNTY
(Hw) - See Statewide
(B) - See Grand Forks County
STUTSMAN COUNTY
(Hw) - See Statewide
TOWNER COUNTY
(Hw) - See Statewide
TRAILL COUNTY
(Hw) - See Statewide
WALSH COUNTY
(Hw) - See Statewide
(B) - See Grand Forks County
WARD COUNTY
(Hw) - See Statewide
Decision #AM-2,513 (B)
36 FR 17129 8/27/71
Mod. #1-37 FR 975 - 1/21/72
Mod. #2-37 FR 4025 - 2/25/72
Mod. #3-37 FR 8619 - 4/28/72
Mod. #4-27 FR 21710 - 10/13/72
WELLS COUNTY
(Hw) - See Statewide
WILLIAMS COUNTY
(Hw) - See Statewide

OHIO

ADAMS COUNTY
Decision #AP-602 (D)
38 FR 1433-1/12/73
ALLEN COUNTY
None
ASHLAND COUNTY
None

OHIO (Cont'd)

ASHTABULA COUNTY
Decision #AP-4 (D)
37 FR 14670 - 7/21/72
ATHENS COUNTY
(D)-See Adams County
AUGLAIZE COUNTY
None
BELMONT COUNTY
None
BROWN COUNTY
(D)-See Adams County
BUTLER COUNTY
Decision #AP-34 (B)(H)(Hw)
37 FR 24563 - 11/17/72
Mod. #1-37 FR 28354-12/22/72
Mod. #2-38 FR 936-1/5/73
Mod. #3-38 FR 5097 - 2/23/73
Decision #AM-418 (R)
36 FR 15961 - 8/18/71
CARROLL COUNTY
None
CHAMPAIGN COUNTY
None
CLARK COUNTY
Decision #AP-35 (B)(H)(Hw)
37 FR 24568 - 11/17/72
Mod. #1-37 FR 28354-12/22/72
Mod. #2-38 FR 936-1/5/73
Mod. #3-38 FR 5097 - 2/23/73
Decision #AM-419 (R)
36 FR 15962 - 8/18/71
CLERMONT COUNTY
Decision #AM-421 (R)
36 FR 15964 - 8/18/71
(D)-See Adams County
CLINTON COUNTY
None
COLUMBIANA COUNTY
None
COSHOCTON COUNTY
None
CRAWFORD COUNTY
None
CUYAHOGA COUNTY
Decision #AP-36 (B)(H)(Hw)
37 FR 24572 - 11/17/72
Mod. #1-37 FR 28354-12/22/72
Mod. #2-38 FR 936-1/5/73
Decision #AP-48 (R)
37 FR 24503 - 11/17/72
Mod. #1-38 FR 3252-2/2/73
(D) - See Ashtabula County

OHIO (Cont'd)

DARKE COUNTY
None
DEFIANCE COUNTY
None
DELAWARE COUNTY
Decision #AM-420 (R)
36 FR 15963 - 8/18/71
Mod. #1 - 38 FR 4630 - 2/16/73
ERIE COUNTY
(D) - See Ashtabula County
FAIRFIELD COUNTY
(R) - See Delaware County
FAYETTE COUNTY
None
FRANKLIN COUNTY
Decision #AP-37 (B)(H)(Hw)
37 FR 24576 - 11/17/72
Mod. #1-37 FR 25622 - 12/1/72
Mod. #2-37 FR 28354-12/22/72
Mod. #3-38 FR 937-1/5/73
Mod. #4-38 FR 3252-2/2/73
Mod. #5-38 FR 5097 - 2/23/73
(R) - See Delaware County
FULTON COUNTY
None
GALLIA COUNTY
(D)-See Adams County
GEAUGA COUNTY
None
GREENE COUNTY
Decision #AP-38 (B)(H)(Hw)
37 FR 24580 - 11/17/72
Mod. #1-37 FR 25622 - 12/1/72
Mod. #2-37 FR 28354-12/22/72
Mod. #3-38 FR 937-1/5/73
Mod. #4-38 FR 3252-2/2/73
Mod. #5-38 FR 5097 - 2/23/73
Decision #AM-422 (R)
36 FR 15965 - 8/18/71
Mod. #1-37 FR 8619 - 4/28/72
GUERNSEY COUNTY
None
HAMILTON COUNTY
Decision #AP-39 (B)(H)(Hw)
37 FR 24585 - 11/17/72
Mod. #1-38 FR 937-1/5/73
Mod. #2-38 FR 3252-2/2/73
Mod. #3-38 FR 5098-2/23/73
(D)-See Adams County
(R) - See Clermont County
HANCOCK COUNTY
None
HARDIN COUNTY
None
HARRISON COUNTY
None
HENRY COUNTY

OHIO (Cont'd)

HIGHLAND COUNTY
None
HOCKING COUNTY
None
HOLMES COUNTY
None
HURON COUNTY
None
JACKSON COUNTY
None
JEFFERSON COUNTY
None
KNOX COUNTY
None
LAKE COUNTY
(D) - See Ashtabula County
LAWRENCE COUNTY
(D)-See Adams County
LICKING COUNTY
Decision #AP-40 (B)(H)(Hw)
37 FR 24590 - 11/17/72
Mod. #1-37 FR 25622 - 12/1/72
Mod. #2-37 FR 28355-12/22/72
Mod. #3-38 FR 937-1/5/73
Mod. #4-38 FR 5098 - 2/23/73
(R) - See Delaware County
LOGAN COUNTY
None
LORAIN COUNTY
(D) - See Ashtabula County
LUCAS COUNTY
Decision #AP-41 (B)(H)(Hw)
37 FR 24594 - 11/17/72
Mod. #1-37 FR 25622 - 12/1/72
Mod. #2-37 FR 28355-12/22/72
Mod. #3-38 FR 937-1/5/73
Mod. #4-38 FR 5098 - 2/23/73
(D) - See Ashtabula County
MADISON COUNTY
(R) - See Delaware County
MAHONING COUNTY
Decision #AP-42 (B)(H)(Hw)
37 FR 24599 - 11/17/72
Mod. #1-37 FR 25622 - 12/1/72
Mod. #2-37 FR 28355-12/22/72
Mod. #3-38 FR 937-1/5/73
Mod. #4-38 FR 3252-2/2/73
Mod. #5-38 FR 5098 - 2/23/73
MARION COUNTY
None
MEDINA COUNTY
None
MEIGS COUNTY
(D)-See Adams County
MERCER COUNTY
None

OHIO (Cont'd)

MIAMI COUNTY
(R) - See Greene County
MONROE COUNTY
(D)-See Adams County
MONTGOMERY COUNTY
(B)(H)(Hw) - See Greene County
(R) - See Greene County
MORGAN COUNTY
None
MORROW COUNTY
None
MUSKINGUM COUNTY
Decision #AP-43 (B)(H)(Hw)
37 FR 24602 - 11/17/72
Mod. #1 - 37 FR 25622 - 12/1/72
Mod. #2-38 FR 938-1/5/73
Mod. #3 - 38 FR 5098 - 2/23/73
NOBLE COUNTY
None
OTTAWA COUNTY
(D) - See Ashtabula County
PAULDING COUNTY
None
PERRY COUNTY
None
PICKAWAY COUNTY
(B)(H)(Hw) - See Franklin County
(R) - See Delaware County
PIKE COUNTY
None
PORTAGE COUNTY
Decision #AP-44 (B)(H)(Hw)
37 FR 24608 - 11/17/72
Mod. #1-37 FR 28354-12/22/72
Mod. #2-38 FR 938-1/5/73
Mod. #3-38 FR 3252-2/2/73
PREBLE COUNTY
(R) - See Greene County
PUTNAM COUNTY
None
RICHLAND COUNTY
None
ROSS COUNTY
None
SANDUSKY COUNTY
(D) - See Ashtabula County
SCIOTO COUNTY
(D)-See Adams County
SENECA COUNTY
None

OHIO (Cont'd)

SHELBY COUNTY
None
STARKE COUNTY
Decision #AP-45 (B)(H)(Hw)
37 FR 24613 - 11/17/72
Mod. #1-37 FR 25622 - 12/1/72
Mod. #2-37 FR 28355-12/22/72
Mod. #3-38 FR 938-1/5/73
Mod. #4-38 FR 5098 - 2/23/73
SUMMITT COUNTY
Decision #AP-46 (B)(H)(Hw)
37 FR 24618 - 11/17/72
Mod. #1-37 FR 28355-12/22/72
Mod. #2-38 FR 938-1/5/73
TRUMBULL COUNTY
Decision #AP-47 (B)(H)(Hw)
37 FR 24623 - 11/17/72
Mod. #1-37 FR 25622 - 12/1/72
Mod. #2-38 FR 28355 - 12/22/72
Mod. #3-38 FR 3252-2/2/73
Mod. #4 - 38 FR 5099 - 2/23/73
TUSCARAWAS COUNTY
None
UNION COUNTY
None
VAN WERT COUNTY
None
VINTON COUNTY
None
WARREN COUNTY
(R) - See Butler County
WASHINGTON COUNTY
(D)-See Adams County
WAYNE COUNTY
None
WILLIAMS COUNTY
None
WOOD COUNTY
None
WYANDOT COUNTY
None

OKLAHOMA

ADAIR COUNTY
Decision #AM-3603 (Hw)
36 FR 16761 - 8/25/71
ALFALFA COUNTY
Decision #AM-3608 (Hw)
36 FR 16766 - 8/25/71
ATOKA COUNTY
Decision #AM-3605 (Hw)
36 FR 16763 - 8/25/71

OKLAHOMA (cont'd)

BEAVER COUNTY
(Hw)-See Alfalfa County
BECKHAM COUNTY
DECISION #AM-3606 (Hw)
36 FR 16764 - 8/25/71
BLAINE COUNTY
(Hw)-See Beckham County
BRYAN COUNTY
(Hw)-See Atoka County
Decision #AP-341 (R)
37 FR 19870 - 9/22/72
CADDO COUNTY
Decision #AM- 3609 (hw)
36 FR 16767 - 8/25/71
CANADIAN COUNTY
Decision #AM-3607 (Hw)
36 FR 16765 - 8/25/71
(R)-See Oklahoma County
CARTER COUNTY
(Hw)-See Caddo County
CHEROKEE COUNTY
(Hw)-See Adair County
CHOCTAW COUNTY
(hw)-See Atoka County
CIMARRON COUNTY
(Hw)-See Alfalfa County
CLEVELAND COUNTY
Decision #AM-3604 (hw)
36 FR 16762 - 8/25/71
(R)-See Oklahoma County
COAL COUNTY
(Hw)-See Cleveland County
COMANCHE COUNTY
(Hw)-See Caddo County
Decision #AP-309 (R)
37 FR 16715 - 8/18/72
COTTON COUNTY
(Hw)-See Caddo County
CRAIG COUNTY
Decision #AM-3610 (Hw)
36 FR 16768 - 8/25/72
CREEK COUNTY
(Hw)-See Canadian County
CUSTER COUNTY
(Hw)-See Beckham County
DELAWARE COUNTY
(Hw)-See Craig County

OKLAHOMA (cont'd)

DEWEY COUNTY
(Hw)-See Beckham County
ELLIS COUNTY
(Hw)-See Alfalfa County
GARFIELD COUNTY
(Hw)-See Canadian County
GARVIN COUNTY
(Hw)-See Cleveland County
GRADY COUNTY
(Hw)-See Caddo County
GRANT COUNTY
(Hw)-See Canadian County
GREER COUNTY
(Hw)-See Beckham County
HARMON COUNTY
(Hw)-See Beckham County
HARPER COUNTY
(Hw)-See Alfalfa County
HASKELL COUNTY
(Hw)-See Adair County
HUGHES COUNTY
(Hw)-See Cleveland County
JACKSON COUNTY
(Hw)-See Beckham County
JEFFERSON COUNTY
(Hw)-See Caddo County
JOHNSTON COUNTY
(Hw)-See Cleveland County
KAY COUNTY
(Hw)-See Canadian County
KINGFISHER COUNTY
(Hw)-See Canadian County
KIOWA COUNTY
(Hw)-See Beckham County
LATIMER COUNTY
(Hw)-See Atoka County
LEFLORE COUNTY
(Hw)-See Atoka County
LINCOLN COUNTY
(Hw)-See Canadian County)
(R)-See Oklahoma County
LOGAN COUNTY
(Hw)-See Canadian County
LOVE COUNTY
(hw)-See Caddo County
MCCLAIN COUNTY
(Hw)-See Cleveland County
MCCURTAIN COUNTY
(Hw)-See Atoka County

OKLAHOMA (cont'd)

MCINTOSH COUNTY
(Hw)-See Adair County
MAJOR COUNTY
(Hw)-See Alfalfa County
MARSHALL COUNTY
(Hw)-See Atoka County
MAYES COUNTY
(Hw)- See Craig County
MURRAY COUNTY
(Hw)-See Cleveland County
MUSKOGEE COUNTY
(hw)-See Adair County
NOBLE COUNTY
(hw)-See Canadian County
NOWATA COUNTY
(Hw)-See Craig County
OKFUSKEE COUNTY
(hw)-See Cleveland County
OKLAHOMA COUNTY
Decision #AP-702 (B)
38 FR 4173-2/9/73
Decision #AM-3612 (Hw)
36 FR 16770 - 8/25/71
Mod. #1 - 37 FR 1435 - 1/28/72
Mod. #2 - 38 FR 5099 - 2/23/73
Decision #AP-304 (R)
37 FR 15789 - 8/4/72
Mod. #1-37 FR 28799-12/29/72
Mod. #2-38 FR 4078-2/9/73
OKMULGEE COUNTY
(Hw)-See Adair County
OSAGE COUNTY
(Hw)-See Craif County
OTTAWA COUNTY
(Hw)- See Craig County
PAWNEE COUNTY
(Hw)-See Craig County
PAYNE COUNTY
(Hw)-See Canadian County
PITTSBURG COUNTY
(Hw)-See Adair County
PONTOTOC COUNTY
(Hw)-See Cleveland County
POTTAWATOMIE COUNTY
(Hw)- See Cleveland County
(R)-See Oklahoma County
PUSHMATAHA COUNTY
(Hw)-See Atoka County
ROGER MILLS COUNTY
(Hw)-See Beckham County
ROGERS COUNTY
(Hw)-See Craig County

OKLAHOMA (Cont'd)

SEMINOLE COUNTY
(Hw) - See Cleveland County
SEQUOYAH COUNTY
(Hw) - See Adair County
STEPHENS COUNTY
(Hw) - See Caddo County
TEXAS COUNTY
(Hw) - See Alfalfa County
TILLMAN COUNTY
(Hw) - See Beckham County
TULSA COUNTY
Decision #AP-364 (B)
37 FR 26249 - 12/8/72
Mod. #1-37 FR 28356-12/22/72
Mod. #2-38 FR 2010-1/19/73
Decision #AM-3611 (Hw)
36 FR 16769 - 8/25/71
Mod. #1-37 FR 1435 - 1/28/72
Decision #AP-320 (R)
37 FR 17899 - 9/1/72
Mod. #1 - 38 FR 5099 - 2/23/73
WAGONER COUNTY
(Hw) - See Adiar County
WASHINGTON COUNTY
(Hw) - See Craig County
WASHITA COUNTY
(Hw) - See Beckham County
WOODS COUNTY
(Hw) - See Alfalfa County
WOODWARD COUNTY
(Hw) - See Alfalfa County

OREGON

STATEWIDE
Decision #AP-249 (B,H,Hw,D)
37 FR 23998 - 11/10/72
Mod. #1-37 FR 25112 - 11/25/72
Mod. #2-38 FR 5759 - 3/2/73
BAKER COUNTY
(B,H,Hw,D) - See Statewide
BENTON COUNTY
(B,H,Hw,D) - See Statewide
CLACKAMAS COUNTY
(B,H,Hw,D) - See Statewide
COLUMBIA COUNTY
(B,H,Hw,D) - See Statewide
COOS COUNTY
(B,H,Hw,D) - See Statewide
CROOK COUNTY
(B,H,Hw,D) - See Statewide
CURRY COUNTY
(B,H,Hw,D) - See Statewide

OREGON (Cont'd)

DESCHUTES COUNTY
(B-H-Hw-D) - See Statewide
DOUGLAS COUNTY
(B-H-Hw-D) - See Statewide
GILLIAM COUNTY
(B-H-Hw-D) - See Statewide
GRANT COUNTY
(B-H-Hw-D) - See Statewide
HARNEY COUNTY
(B-H-Hw-D) - See Statewide
HOOD COUNTY
(B-H-Hw-D) - See Statewide
JACKSON COUNTY
(B-H-Hw-D) - See Statewide
JEFFERSON COUNTY
(B-H-Hw-D) - See Statewide
JOSEPHINE COUNTY
(B-H-Hw-D) - See Statewide
KLAMATH COUNTY
(B-H-Hw-D) - See Statewide
LAKE COUNTY
(B-H-Hw-D) - See Statewide
LANE COUNTY
(B-H-Hw-D) - See Statewide
LINCOLN COUNTY
(B-H-Hw-D) - See Statewide
LINN COUNTY
(B-H-Hw-D) - See Statewide
MALHEUR COUNTY
(B-H-Hw-D) - See Statewide
MARION COUNTY
(B-H-Hw-D) - See Statewide
MORROW COUNTY
(B-H-Hw-D) - See Statewide
MULTNOMAH COUNTY
(B-H-Hw-D) - See Statewide
POLK COUNTY
(B-H-Hw-D) - See Statewide
SHERMAN COUNTY
(B-H-Hw-D) - See Statewide
TILLAMOOK COUNTY
(B-H-Hw-D) - See Statewide
UMATILLA COUNTY
(B-H-Hw-D) - See Statewide
UNION COUNTY
(B-H-Hw-D) - See Statewide

OREGON (Cont'd)

WALLOWA COUNTY
(B-H-Hw-D) - See Statewide
WASCO COUNTY
(B-H-Hw-D) - See Statewide
WASHINGTON COUNTY
(B-H-Hw-D) - See Statewide
WHEELER COUNTY
(B-H-Hw-D) - See Statewide
YAMHILL COUNTY
(B-H-Hw-D) - See Statewide

PENNSYLVANIA

ADAMS COUNTY
Decision #AM-1,866 (Hw)
36 FR 16335 - 8/20/72
Mod. #1-37 FR 980 - 1/21/72
Mod. #2-37 FR 7450 - 4/14/72
Mod. #3-37 FR 7922 - 4/21/72
Mod. #4-37 FR 8621-4/28/72
Mod. #5-38 FR 1437-1/12/73
Mod. #6-38 FR 2010-1/19/73
ALLEGHENY COUNTY
Decision #AP-421 (B,H,Hw)
37 FR 20447 - 9/29/72
Mod. #1-37 FR 21712 - 10/13/72
Mod. #2-37 FR 23065 - 10/27/72
Mod. #3-37 FR 24511 - 11/17/72
Mod. #4-37 FR 25114 - 11/25/72
Mod. #5-38 FR 5099 - 2/23/73
Mod. #6-38 FR 5760 - 3/2/73
ARMSTRONG COUNTY
Decision #AP-454 (H,Hw)
38 FR 943-1/5/73
Mod. #1-38 FR 2570-1/26/73
BEAVER COUNTY
Decision #AP-467 (Hw)
38 FR 2618-1/26/73
BEDFORD COUNTY
Decision #AP-465 (H,Hw)
38 FR 2612-1/26/73
Mod. #1 - 38 FR 5760 - 3/2/73
BERKS COUNTY
Decision #AP-429 (B,H,Hw)
37 FR 21255-10/6/72
Mod. #1-38 FR 1436-1/12/73
Mod. #2-38 FR 2012-1/19/73
Mod. #3-38 FR 4079-2/9/73
Mod. #4-38 FR 5101 - 2/23/73

PENNSYLVANIA (Cont'd)

BLAIR COUNTY
(H,Hw)-See Armstrong County
BRADFORD COUNTY
(Hw)-See Adams County
BUCKS COUNTY
Decision #AP-404 (R)
37 FR 15229-7/28/72
Mod. #1 - 38 FR 2012 - 1/19/73
Mod. #2 - 38 FR 4630 - 2/16/73
BUTLER COUNTY
Decision #AP-464 (H,Hw)
38 FR 2609-1/26/73
Mod. #1 - 38 FR 5760 - 3/2/73
CAMBRIA COUNTY
(Hw)-See Butler County
CAMERON COUNTY
(Hw)-See Bedford County
CARBON COUNTY
(Hw)-See Adams County
CENTRE COUNTY
Decision #AP-466 (H,Hw)
38 FR 2615-1/26/73
CHESTER COUNTY
(Hw,R)-See Bucks County
CLARION COUNTY
(H,Hw)-See Bedford County
CLEARFIELD COUNTY
(H,Hw)-See Centre County
CLINTON COUNTY
(H,Hw)-See Bedford County
COLUMBIA COUNTY
(Hw)- See Adams County
CRAWFORD COUNTY
(H * Hw)-See Armstrong County
CUMBERLAND COUNTY
Decision #AP-424 (B, H, Hw)
37 FR 20460 - 9/29/72
Mod. #1 - 37 FR 25626 - 12/1/72
Mod. #2-38 FR 1438-1/12/73
Mod. #3-38 FR 2012-1/19/73
Mod. #4-38 FR 4079-2/9/73
(Hw)-See Adams County

PENNSYLVANIA (cont'd)

DAUPHIN COUNTY
Decision #AP-423 (B, H, Hw)
37 FR 20458 - 9/29/72
Mod. #1 - 37 FR 25626 - 12/1/72
Mod. #2-38 FR 1438-1/12/73
Mod. #3-38 FR 2012-1/19/73
Mod. #4-38 FR 4079-2/9/73
(Hw)-See Adams County
DELAWARE COUNTY
Decision #AP-408 (B, H, Hw)
37 FR 15275 - 7/28/72
Mod. #1 - 37 FR 17319 - 8/25/72
Mod. #2 - 37 FR 22707 - 10/20/72
Mod. #3-38 FR 2012-1/19/73
Mod. #4 - 38 FR 4630 - 2/16/73
(R)(Hw)-See Bucks County
ELK COUNTY
(H & Hw)-See Bedford County
ERIE COUNTY
Decision #AP-422 (B, H, Hw)
37 FR 20454 - 9/29/72
Mod. #1 - 38 FR 5101 - 2/23/73
FAYETTE COUNTY
(Hw)-See Butler County
FOREST COUNTY
(Hw)-See Bedford County
FRANKLIN COUNTY
Decision #AP-480 (B)
38 FR 5771 - 3/2/73
FULTON COUNTY
(Hw)-See Bedford County
GREENE COUNTY
(Hw)-See Centre County
HUNTINGDON COUNTY
(Hw)-See Bedford County
INDIANA COUNTY
(Hw)-See Armstrong County
JEFFERSON COUNTY
(Hw) - See Centre County
JUNIATA COUNTY
(Hw) - See Adams County
LACKAWANNA COUNTY
Decision #AP-462 (B)
38 FR 2605-1/26/73

PENNSYLVANIA (cont'd)

LANCASTER COUNTY
(Hw) - See Adams County
LAWRENCE COUNTY
Decision #AP-425 (B,H,Hw)
37 FR 20464 - 9/29/72
Mod. #1-37 FR 25114 - 11/25/72
Mod. #2-38 FR 5101 - 2/23/73
Mod. #3 - 38 FR 5760 - 3/2/73
LEBANON COUNTY
(Hw) - See Adams County
LEHIGH COUNTY
Decision #AP-430 (B,H,Hw)
37 FR 21259 - 10/6/72
Mod. #1-38 FR 1436-1/12/73
Mod. #2-38 FR 2012-1/19/73
Mod. #3-38 FR 4079-2/9/73
LUZERNE COUNTY
Decision #AM-1,858 (B,H,Hw)
36 FR 16294 - 8/30/71
Mod. #1-37 FR 3117 - 2/11/72
Mod. #2-37 FR 7449 - 4/14/72
Mod. #3-37 FR 8621 - 4/28/72
Mod. #4-37 FR 10279 - 5/19/72
Mod. #5-37 FR 16730 - 8/18/72
Mod. #6-37 FR 18834 - 9/14/72
Mod. #7-38 FR 1436-1/12/73
Mod. #8-38 FR 2011-1/19/73
LYCOMING COUNTY
(Hw) - See Adams County
McKEAN COUNTY
(Hw) - See Adams County
MERCER COUNTY
Decision #AP-479 (B)
38 FR 5765 - 3/2/73
MIFFLIN COUNTY
(Hw) - See Adams County
MONROE COUNTY
(Hw)-See Adams County

PENNSYLVANIA (Cont'd)

MONTGOMERY COUNTY
Decision #AM-9,681 (B,H,Hw)
37 FR 4030 - 2/25/72
Mod. #1-37 FR 10284 - 5/19/72
Mod. #2-37 FR 11623 - 6/9/72
Mod. #3-37 FR 12020 - 6/16/72
Mod. #4-37 FR 15238 - 7/28/72
Mod. #5-37 FR 17318 - 8/25/72
Mod. #6-37 FR 18273 - 9/8/72
Mod. #7-37 FR 22707 - 10/20/72
Mod. #8-38 FR 2012-1/19/73
Mod. #9-38 FR 4630 - 2/16/73
MONTOUR COUNTY
(Hw) - See Adams County
NORTHAMPTON COUNTY
Decision #AP-463 (B)
38 FR 2607-1/26/73
NORTHUMBERLAND COUNTY
(Hw) - See Adams County
PERRY COUNTY
(Hw) - See Adams County
PHILADELPHIA COUNTY
Decision #AM-9,323 (B,H,Hw)
37 FR 12023 - 6/16/72
Mod. #1-37 FR 15238 - 7/28/72
Mod. #2-37 FR 17318 - 8/25/72
Mod. #3-37 FR 22707 - 10/20/72
Mod. #4-38 FR 2011-1/19/73
Mod. #5-38 FR 4630 - 2/16/73
(D)-See Statewide
PIKE COUNTY
(Hw) - See Adams County

PENNSYLVANIA (Cont'd)

POTTER COUNTY
(H & Hw) - See Bedford County
SCHUYLKILL COUNTY
(Hw) - See Adams County
SNYDER COUNTY
(Hw) - See Adams County
SOMERSET COUNTY
(H & Hw) - See Butler County
SULLIVAN COUNTY
(Hw) - See Adams County
SUSQUEHANNA COUNTY
(Hw) - See Adams County
TIOGA COUNTY
(Hw) - See Adams County
UNION COUNTY
(Hw) - See Adams County
VENANGO COUNTY
(Hw) - See Armstrong County
WARREN COUNTY
(Hw) - See Armstrong County
WASHINGTON COUNTY
Decision #AM-1,863 (B,H,Hw)
36 FR 16319 - 8/20/71
Mod. #1-37 FR 1436 - 1/28/72
Mod. #2-37 FR 13933 - 7/14/72
Mod. #3-37 FR 16285 - 8/11/72
Mod. #4-37 FR 19892 - 9/22/72
Mod. #5-37 FR 23065 - 10/27/72
WAYNE COUNTY
(Hw)-See Adams County
WESTMORELAND COUNTY
Decision #AM-1864 (B, H, Hw)
36 FR 16326 - 8/20/71
Mod. #1-37 FR 1336 - 1/28/72
Mod. #2- 37 FR 13935 - 7/14/72
Mod. #3-37 FR 16286 - 8/11/72
Mod. #4-37 FR 18834 - 9/15/72
Mod. #5-37 FR 19893 - 9/22/72
Mod. #6-37 FR 23065 - 10/27/72
Mod. #7-37 FR 24511 - 11/17/72
Mod. #8-37 FR 25117 - 11/25/72
WYOMING COUNTY
(Hw)-See Adams County
YORK COUNTY
(Hw)-See Adams County

PUERTO RICO

PUERTO RICO
Decision #AP-412 (B, H, Hw)
37 FR 16778 - 8/18/72

RHODE ISLAND

STATEWIDE
Decision #AM-9322 (D)
37 FR 10693 - 5/26/72
Mod. #1 - 37 FR 19871 - 9/22/72
BRISTOL COUNTY
Decision #AP-426 (B, H, Hw, Marine)
37 FR 20471 - 9/29/72
Mod. #1 - 37 FR 21713 - 10/13/72
(D)-See Statewide
KENT COUNTY
(B, H, Hw, Marine)- See Bristol Cty.
(D)-See Statewide
NEWPORT COUNTY
Decision #AP-428 (B, H, Hw, Marine)
37 FR 20480 - 9/29/72
Mod. #1 - 37 FR 21713 - 10/13/72
(D)-See Statewide
PROVIDENCE COUNTY
(B, H, Hw, Marine)-See Bristol Cty.
(D)-See Statewide
WASHINGTON COUNTY
Decision #AP-427 (B, H, Hw, Marine)
37 FR 20476 - 9/27/72
Mod. #1 - 37 FR 21713 - 10/13/72
(D)-See Statewide

SOUTH CAROLINA

STATEWIDE
Decision #AM-1867 (Hw)
36 FR 16475 - 8/20/71
Decision #AP-157 (Sewer & Water)
38 FR 4619 - 2/16/73
ABBEVILLE COUNTY
(Hw)-See Statewide
AIKEN COUNTY
(Hw)-See Statewide
ALLENDALE COUNTY
(Hw)-See Statewide
ANDERSON COUNTY
(Hw)-See Statewide

SOUTH CAROLINA (Cont'd)

BAMBERG COUNTY
(Hw)-See Statewide
BARNWELL COUNTY
(Hw)-See Statewide
BEAUFORT COUNTY
Decision #AP-459 (D)
37 FR 22701 - 10/20/72
(Hw)-See Statewide
BERKELEY COUNTY
(D)-See Beaufort County
(Hw)-See Statewide
Decision #AP-114 (R)
37 FR 15794 - 8/4/72
CALHOUN COUNTY
(Hw)-See Statewide
CHARLESTON COUNTY
(D)-See Beaufort County
(Hw)-See Statewide
(R)-See Berkeley County
CHEROKEE COUNTY
(Hw)-See Statewide
CHESTER COUNTY
(Hw)-See Statewide
CHESTERFIELD COUNTY
(Hw)-See Statewide
CLARENDON COUNTY
(Hw)-See Statewide
COLLETON COUNTY
(D)-See Beaufort County
(Hw)-See Statewide
DARLINGTON COUNTY
(Hw)-See Statewide
DILLON COUNTY
(Hw)-See Statewide
DORCHESTER COUNTY
(Hw)-See Statewide
EDGEFIELD COUNTY
(Hw)-See Statewide
FAIRFIELD COUNTY
(Hw)-See Statewide
FLORENCE COUNTY
(Hw)-See Statewide
GEORGETOWN COUNTY
(D)-See Beaufort County
(Hw)-See Statewide
GREENVILLE COUNTY
(Hw)-See Statewide

SOUTH CAROLINA (Cont'd)

GREENWOOD COUNTY
(Hw)-See Statewide
HAMPTON COUNTY
(Hw)-See Statewide
HORRY COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
JASPER COUNTY
(D) - See Beaufort County
(Hw) - See Statewide
KERSHAW COUNTY
(Hw) - See Statewide
LANCASTER COUNTY
(Hw) - See Statewide
LAURENS COUNTY
(Hw) - See Statewide
LEE COUNTY
(Hw) - See Statewide
LEXINGTON COUNTY
(Hw) - See Statewide
McCORMICK COUNTY
(Hw) - See Statewide
MARION COUNTY
(Hw) - See Statewide
MARLBORO COUNTY
(Hw) - See Statewide
NEWBERRY COUNTY
(Hw) - See Statewide
OCONEE COUNTY
(Hw) - See Statewide
ORANGEBURG COUNTY
(Hw) - See Statewide
PICKENS COUNTY
(Hw) - See Statewide
RICHLAND COUNTY
(Hw) - See Statewide
SALUDA COUNTY
(Hw) - See Statewide
SPARTANBURG COUNTY
(Hw) - See Statewide
SUMTER COUNTY
(Hw) - See Statewide
UNION COUNTY
(Hw) - See Statewide
WILLIAMSBURG COUNTY
(Hw) - See Statewide
YORK COUNTY
(Hw) - See Statewide

SOUTH DAKOTA

STATEWIDE
Decision #AM-6,719 (Hw)
37 FR 7463 - 4/14/72
AURORA COUNTY
(Hw) - See Statewide
BEADLE COUNTY
(Hw) - See Statewide
BENNETT COUNTY
(Hw) - See Statewide
BON HOMME COUNTY
(Hw) - See Statewide
BROOKINGS COUNTY
(Hw) - See Statewide
BROWN COUNTY
(Hw) - See Statewide
BRULE COUNTY
(Hw) - See Statewide
BUFFALO COUNTY
(Hw) - See Statewide
BUTTE COUNTY
(Hw) - See Statewide
CAMPBELL COUNTY
(Hw) - See Statewide
CHARLES COUNTY
(Hw) - See Statewide
CLARK COUNTY
(Hw) - See Statewide
CODINGTON COUNTY
(Hw) - See Statewide
CORSON COUNTY
(Hw) - See Statewide
CUSTER COUNTY
(Hw) - See Statewide
DAVISON COUNTY
(Hw) - See Statewide
DAY COUNTY
(Hw) - See Statewide
DEUEL COUNTY
(Hw) - See Statewide
DEWEY COUNTY
(Hw) - See Statewide
DOUGLAS COUNTY
(Hw) - See Statewide

SOUTH DAKOTA (Cont'd)

EDMUNDS COUNTY
(Hw) - See Statewide
FALL RIVER COUNTY
(Hw) - See Statewide
FAULK COUNTY
(Hw) - See Statewide
GRANT COUNTY
(Hw) - See Statewide
GREGORY COUNTY
(Hw) - See Statewide
HAAKON COUNTY
(Hw) - See Statewide
HAMLIN COUNTY
(Hw) - See Statewide
HAND COUNTY
(Hw) - See Statewide
HANSON COUNTY
(Hw) - See Statewide
HARDING COUNTY
(Hw) - See Statewide
HUGHES COUNTY
(Hw) - See Statewide
HUTCHINSON COUNTY
(Hw) - See Statewide
HYDE COUNTY
(Hw) - See Statewide
JACKSON COUNTY
(Hw) - See Statewide
JERAULD COUNTY
(Hw) - See Statewide
JONES COUNTY
(Hw) - See Statewide
KINGSBURY COUNTY
(Hw) - See Statewide
LAKE COUNTY
(Hw) - See Statewide
LAWRENCE COUNTY
(Hw) - See Statewide
LINCOLN COUNTY
(Hw) - See Statewide
LYMAN COUNTY
(Hw) - See Statewide
MC COOK COUNTY
(Hw) - See Statewide

SOUTH DAKOTA (Cont'd)

MC PHERSON COUNTY
(Hw) - See Statewide
MARSHALL COUNTY
(Hw) - See Statewide
MEADE COUNTY
Decision #AP-262 (B)
38 FR 4641 - 2/16/73
MELLETTE COUNTY
(Hw) - See Statewide
MINER COUNTY
(Hw) - See Statewide
MINNEHAHA COUNTY
Decision #AM-6141 (R)
36 FR 21736 - 11/12/71
Decision #AP-253 (B)
37 FR 25147 - 11/25/72
(Hw) - See Statewide
MOODY COUNTY
(Hw) - See Statewide
PENNINGTON COUNTY
(B) - See Meade County
(Hw) - See Statewide
PERKINS COUNTY
(Hw) - See Statewide
POTTER COUNTY
(Hw) - See Statewide
ROBERTS COUNTY
(Hw) - See Statewide
SANBORN COUNTY
(Hw) - See Statewide
SHANNON COUNTY
(Hw) - See Statewide
SPINK COUNTY
(Hw) - See Statewide
STANLEY COUNTY
(Hw) - See Statewide
SULLY COUNTY
(Hw) - See Statewide
TODD COUNTY
(Hw) - See Statewide
TRIPP COUNTY
(Hw) - See Statewide

SOUTH DAKOTA (Cont'd)

TURNER COUNTY
(Hw) - See Statewide
UNION COUNTY
(Hw) - See Statewide
WALWORTH COUNTY
(Hw) - See Statewide
WASHABOUGH COUNTY
(Hw) - See Statewide
YANKTON COUNTY
(Hw) - See Statewide
ZIEBACH COUNTY
(Hw) - See Statewide

TENNESSEE

STATEWIDE
Decision #AM-8588 (F)
37 FR 5654 - 3/17/72
Mod. #1-37 FR 8601 - 4/28/72
Mod. #2-37 FR 24506 - 11/17/72
Decision #AM-504 (Hw)
36 FR 16493 - 8/20/71
Mod. #1-37 FR 246 - 1/7/72
Mod. #2-38 FR 939-1/5/73
ANDERSON COUNTY
Decision #AM-8610 (B)
37 FR 10322 - 5/19/72
Mod. #1-37 FR 11623 - 6/9/72
Mod. #2-37 FR 21714 - 10/13/72
Mod. #3-37 FR 25626-12/1/72
Mod. #4-38 FR 2013-1/19/73
(Hw) - See Statewide
(F)-See Statewide
BEDFORD COUNTY
(F) - See Statewide
(Hw) - See Statewide
BENTON COUNTY
(F) - See Statewide
(Hw) - See Statewide
BLEDSOE COUNTY
(F) - See Statewide
(Hw) - See Statewide
BLOUNT COUNTY
(F) - See Statewide
(Hw) - See Statewide

TENNESSEE (cont'd)

BRADLEY COUNTY
(F)-See Statewide
(Hw)-See Statewide
CAMPBELL COUNTY
(F)-See Statewide
(Hw)-See Statewide
CANNON COUNTY
(F)-See Statewide
(Hw)-See Statewide
CARROLL COUNTY
Decision #AM-8589 (D)
37 FR 5654 - 3/17/72
Mod. #1 - 37 FR 24506 - 11/17/72
(F)-See Statewide
(Hw)-See Statewide
CARTER COUNTY
Decision #AP-104 (B)
37 FR 13915 - 7/14/72
(F)-See Statewide
(Hw)-See Statewide
CHEATHAM COUNTY
(F)-See Statewide
(Hw)-See Statewide
CHESTER COUNTY
(F)-See Statewide
(Hw)-See Statewide
CLAIBORNE COUNTY
(F)-See Statewide
(Hw)-See Statewide
CLAY COUNTY
(F)-See Statewide
(Hw)-See Statewide
COCKE COUNTY
(F)-See Statewide
(Hw)-See Statewide
COFFEE COUNTY
(F)-See Statewide
(Hw)-See Statewide
CROCKETT COUNTY
(D)-See Carroll County
(F)-See Statewide
(Hw)-See Statewide
CUMBERLAND COUNTY
(F)-See Statewide
(Hw)-See Statewide

TENNESSEE (Cont'd)

DAVIDSON COUNTY
Decision #AM-8622 (B,H)
37 FR 11632 - 6/9/72
Mod. #1-37 FR 14668 - 7/21/72
Mod. #2-37 FR 20388 - 9/29/72
Mod. #3-37 FR 21715 - 10/13/72
Mod. #4-37 FR 25111 - 11/25/72
Mod. #5-37 FR 28799-12/29/72
Decision #AM-505 (R)
36 FR 16494 - 8/20/72
Mod. #1-37 FR 21714 - 10/13/72
(F) - See Statewide
(Hw) - See Statewide
DECATUR COUNTY
(F) - See Statewide
(Hw) - See Statewide
DEKALB COUNTY
(F) - See Statewide
(Hw) - See Statewide
DICKSON COUNTY
(F) - See Statewide
(Hw) - See Statewide
(R) - See Davidson County
DYER COUNTY
(D) - See Carroll County
(F) - See Statewide
(Hw) - See Statewide
FAYETTE COUNTY
(D) - See Carroll County
(F) - See Statewide
(Hw) - See Statewide
FENTRESS COUNTY
(F) - See Statewide
(Hw) - See Statewide
FRANKLIN COUNTY
(F) - See Statewide
(Hw) - See Statewide
GIBSON COUNTY
(D) - See Carroll County
(F) - See Statewide
(Hw) - See Statewide
GILES COUNTY
(F) - See Statewide
(Hw) - See Statewide
GRAINGER COUNTY
(F) - See Statewide
(Hw) - See Statewide

TENNESSEE (Cont'd)

GREENE COUNTY
(F) - See Statewide
(Hw) - See Statewide
GRUNDY COUNTY
(F) - See Statewide
(Hw) - See Statewide
HAMBLEN COUNTY
(F) - See Statewide
(Hw) - See Statewide
HAMILTON COUNTY
Decision #AP-139 (B,H)
37 FR 25640 - 12/1/72
Mod. #1-38 FR 3253-2/2/73
(F) - See Statewide
(Hw) - See Statewide
HANCOCK COUNTY
(F)-See Statewide
(Hw)-See Statewide
HARDEMAN COUNTY
(D)-See Carroll County
(Hw)-See Statewide
(F)-See Statewide
HARDIN COUNTY
(F)-See Statewide
(Hw)-See Statewide
HAWKINS COUNTY
(F)-See Statewide
(Hw)-See Statewide
HAYWOOD COUNTY
(D)-See Carroll County
(F)-See Statewide
(Hw)-See Statewide
HENDERSON COUNTY
(F)-See Statewide
(Hw)-See Statewide
HENRY COUNTY
(D)-See Carroll County
(F)-See Statewide
(Hw)-See Statewide
HICKMAN COUNTY
(F)-See Statewide
(Hw)-See Statewide
HOUSTON COUNTY
(F)-See Statewide
(Hw)-See Statewide
HUMPHREYS COUNTY
(F)-See Statewide
(Hw)-See Statewide
JACKSON COUNTY
(F)-See Statewide
(Hw)-See Statewide

TENNESSEE (cont'd)

JEFFERSON COUNTY
(F)-See Statewide
(Hw)-See Statewide
JOHNSON COUNTY
(F)-See Statewide
(Hw)-See Statewide
KNOX COUNTY
Decision #AP-154 (B)
38 FR 5776 - 3/2/73
(F)-See Statewide
(Hw)-See Statewide
LAKE COUNTY
(F)-See Statewide
(Hw)-See Statewide
LAUDERDALE COUNTY
(D)-See Carroll County
(F)-See Statewide
(Hw)-See Statewide
LAWRENCE COUNTY
(F)-See Statewide
(Hw)-See Statewide
(R)-See Davidson County
LEWIS COUNTY
(F)-See Statewide
(Hw)-See Statewide
LINCOLN COUNTY
(F)-See Statewide
(Hw)-See Statewide
LOUDON COUNTY
(F)-See Statewide
(Hw)-See Statewide
MC MINN COUNTY
(F)-See Statewide
(Hw)-See Statewide
MC NAIRY COUNTY
(F)-See Statewide
(Hw)-See Statewide
MACON COUNTY
(F)-See Statewide
(Hw)-See Statewide
MADISON COUNTY
(D)-See Carroll county
(F)-See Statewide
(Hw)-See Statewide
MARSHALL COUNTY
(F)-See Statewide
(Hw)-See Statewide
(R)-See Davidson County

TENNESSEE (cont'd)

MAURY COUNTY
(F)-See Statewide
(Hw)-See Statewide
(R)-See Davidson County
MEIGS COUNTY
(F)-See Statewide
(Hw)-See Statewide
MONROE COUNTY
(F)-See Statewide
(Hw)-See Statewide
MONTGOMERY COUNTY
(F)-See Statewide
(Hw)-See Statewide
MOORE COUNTY
(F)-See Statewide
(hw)-See Statewide
MORGAN COUNTY
(F)-See Statewide
(Hw)-See Statewide
OBION COUNTY
(D)-See Carroll County
(F)-See Statewide
(Hw)-See Statewide
OVERTON COUNTY
(F)-See Statewide
(Hw)-See Statewide
PERRY COUNTY
(F)-See Statewide
(Hw)-See Statewide
PICKETT COUNTY
(F)-See Statewide
(Hw)-See Statewide
POLK COUNTY
(F)-See Statewide
(Hw)-See Statewide
PUTNAM COUNTY
(F)-See Statewide
(Hw)-See Statewide
RHEA COUNTY
(F)-See Statewide
(Hw)-See Statewide
ROANE COUNTY
(B)-See Anderson County
(F)-See Statewide
(Hw)-See Statewide

TENNESSEE (cont'd)

ROBERTSON COUNTY
(F)-See Statewide
(Hw)-See Statewide
(R)-See Davidson County
RUTHERFORD COUNTY
(f)-See Statewide
(hw)-See Statewide
(R)-See Davidson County
SCOTT COUNTY
(F)-See Statewide
(Hw)-See Statewide
SEQUATCHIE COUNTY
(F)-See Statewide
(Hw)-See Statewide
SEVIER COUNTY
(F)-See Statewide
(Hw)-See Statewide
SHELBY COUNTY
Decision #AP-138 (B,H,Utility)
37 FR 25148-11/25/72
Mod. #1-38 FR 2013-1/19/73
Mod. #2-38 FR 4080-2/9/73
Mod. #3-38 FR 5762 - 3/2/73
Decision #AP-152 (R)
38 FR 4176 - 2/9/73
(D)- See Carroll County
(Hw) - See Statewide
SMITH COUNTY
(F)-See Statewide
(hw)-See Statewide
STEWART COUNTY
(F)-See Statewide
(Hw)-See Statewide
SULLIVAN COUNTY
Decision #AM-8623 (B)
37 FR 12013 - 6/16/72
Mod. #1 - 37 FR 23065 - 10/27/72
Decision #AP-137 (R)
37 FR 23051 - 10/27/72
(F)-See Statewide
(Hw)-See Statewide
SUMNER COUNTY
(F)-See Statewide
(Hw)-See Statewide
(R)-See Davidson County

TENNESSEE (cont'd)

TIPTON COUNTY
(D)-See Carroll County
(F)-See Statewide
(Hw)-See Statewide
TROUSDALE COUNTY
(F)-See Statewide
(Hw)-See Statewide
(R)-See Davidson County
UNICOI COUNTY
(F)-See Statewide
(Hw)-See Statewide
UNION COUNTY
(F)-See Statewide
(Hw)-See Statewide
VAN BUREN COUNTY
(F)-See Statewide
(Hw)-See Statewide
WARREN COUNTY
(F)-See Statewide
(Hw)-See Statewide
WASHINGTON COUNTY
Decision #AP-100 (B)
37 FR 13419 - 7/7/72
Mod. #1 - 37 FR 17316 - 8/25/72
Mod. #2 - 37 FR 22708 - 10/20/72
Decision #AP-136 (R)
37 FR 22702 - 10/20/72
(F)-See Statewide
(hw)-See Statewide
WAYNE COUNTY
(F)-See Statewide
(Hw)-See Statewide
WEAKLEY COUNTY
(D)-See Carroll County
(F)-See Statewide
WHITE COUNTY
(F)-See Statewide
(Hw)-See Statewide
WILLIAMSON COUNTY
(F)-See Statewide
(Hw)-See Statewide
(R)-See Davidson County
WILSON COUNTY
(F)-See Statewide
(Hw)-See Statewide
(R)-See Davidson County

TEXAS

ANDERSON COUNTY
Decision #AP-384 (Hw)
38 FR 2118-1/19/73
ANDREWS COUNTY
Decision#AP-374 (Hw)
38 FR 2108-1/19/73
ANGELINA COUNTY
(Hw)-See Anderson County
ARANSAS COUNTY
Decision #AP-378 (Hw)
38 FR 2112-1/19/73
Decision #AM-8589 (D)
37 FR 5654-3/17/72
Mod. #1-37 FR 24506-11/17/72
ARCHER COUNTY
Decision #AP-372 (Hw)
38 FR 2106-1/19/73
ARMSTRONG COUNTY
Decision #AP-388 (B)
38 FR 2621-1/26/73
Mod. #1-38 FR 4081-2/9/73
(Hw)-See Archer County
Decision #AP-346 (R)
37 FR 20497-9/29/72
Mod. #1-38 FR 4080-2/9/73
ATASCOSA COUNTY
Decision #AP-376 (Hw, Water & Sewer Utilities)
38 FR 2110-1/19/73
AUSTIN COUNTY
Decision #AP-379 (Hw, Water & Sewer Utilities
38 FR 2113-1/19/73
BAILEY COUNTY
Decision #AP-373 (Hw)
38 FR 2107-1/19/73
Decision #AP-352 (R)
37 FR 21786-10/13/72
BANDERA COUNTY
(Hw, Water & Sewer Utilities)-See Atascosa County
BASTROP COUNTY
(Hw, Water & Sewer Utilities)-See Austin County
Decision #AM-7705 (B)
36 FR 22117-11/19/71
BAYLOR COUNTY
(Hw)-See Archer County
BEE COUNTY
(Hw)-See Aransas County

TEXAS (Cont'd)

BELL COUNTY
Decision #AP-380 (Hw)
38 FR 2114-1/19/73
BEXAR COUNTY
Decision #AP-393 (B)
38 FR 2637-1/26/73
Mod. #1-38 FR 4082-2/9/73
(Hw, water & sewer utilities) - See Aascosa County
Decision #AM-3,554 (R)
36 FR 16771 - 8/25/71
Mod. #1-37 FR 3118 - 2/11/72
BLANCO COUNTY
(Hw, water & sewer utilities) - See Austin County
(R) - See Bastrop County
BORDEN COUNTY
(Hw) - See Bailey County
BOSQUE COUNTY
(Hw) - See Bell County
BOWIE COUNTY
Decision #AP-383 (Hw)
38 FR 2117-1/19/73
BRAZORIA COUNTY
Decision #AP-386 (H,Hw)
38 FR 2120-1/19/73
Decision #AM-7,488 (R)
36 FR 21737 - 11/12/71
Mod. #1-37 FR 10695 - 5/26/72
(D) - See Aransas County
BRAZOS COUNTY
Decision #AP-385 (Hw)
38 FR 2119-1/19/73
BREWSTER COUNTY
Decision #AP-375 (Hw)
38 FR 2109-1/19/73
BRISCOE COUNTY
(Hw) - See Archer County
BROOKS COUNTY
Decision #AP-377 (Hw)
38 FR 2111-1/19/73
BROWN COUNTY
(Hw) - See Andrews County
BURLESON COUNTY
(Hw) - See Brazos County
BURNETT COUNTY
(Hw, water & sewer utilities) - See Austin County

TEXAS (Cont'd)

CALDWELL COUNTY
(Hw, water & sewer utilities) - See Austin County
(R) - See Bastrop County
CALHOUN COUNTY
(Hw) - See Aransas County
(D) - See Aransas County
CALLAHAN COUNTY
(Hw) - See Andrews County
CAMERON COUNTY
Decision #AP-396 (B)
38 FR 2646-1/26/73
(Hw) - See Brooks County
Decision #AP-369 (R)
37 FR 26775 - 12/15/72
(D) - See Aransas County
CAMP COUNTY
(Hw) - See Bowie County
CARSON COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
CASS COUNTY
(Hw) - See Bowie County
CASTRO COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
CHAMBERS COUNTY
Decision #AP-387 (Hw)
38 FR 2121-1/19/73
(D) - See Ara--as County
CHEROKEE COUNTY
(Hw) - See Anderson County
CHILDRESS COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
CLAY COUNTY
(Hw) - See Archer County
COCHRAN COUNTY
(Hw) - See Bailey County
(R) - See Bailey County

TEXAS (Cont'd)

COKE COUNTY
(Hw) - See Andrews County
COLEMAN COUNTY
(Hw) - See Andrews County
COLLIN COUNTY
Decision #AP-399 (B-excluding Dallas-Fort Worth Regional Airport)
38 FR 3260 - 2/2/73
Mod. #1 - 4631 - 2/2/73
Decision #AP-382 (H, Hw-excluding Dallas-Fort Worth Regional Airport)
38 FR 2116-1/19/73
Decision #AM-7,487 (R)
36 FR 21736 - 11/12/71
COLLINGSWORTH COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
COLORADO COUNTY
(Hw, water & sewer utilities) - See Austin County
COMAL COUNTY
(Hw, water & sewer utilities) - See Atascosa County
COMANCHE COUNTY
(Hw) - See Andrews County
CONCHO COUNTY
(Hw) - See Andrews County
COOKE COUNTY
Decision #AP-381 (Hw-excluding Dallas-Fort Worth Regional Airport)
38 FR 2115-1/19/73
CORYELL COUNTY
(Hw) - See Bell County
COTTLE COUNTY
(Hw) - See Bailey County
CRANE COUNTY
(Hw) - See Andrews County
Decision #AP-347 (R)
37 FR 20499 - 9/29/72
CROCKETT COUNTY
(Hw) - See Andrews County

TEXAS (Cont'd)

CROSBY COUNTY
(Hw) - See Bailey County
(R) - See Bailey County
CULBERSON COUNTY
(Hw) - See Brewster County
DALLAM COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
DALLAS COUNTY
(B) - See Collin County
(H & Hw) - See Collin County
(R) - See Collin County
DAWSON COUNTY
(Hw) - See Bailey County
DEAF SMITH COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
DELTA COUNTY
(Hw) - See Bowie County
DENTON COUNTY
(B) - See Collin County
(Hw) - See Cooke County
(R) - See Collin County
DE WITT COUNTY
(Hw) - See Aransas County
DICKENS COUNTY
(Hw) - See Bailey County
DIMMIT COUNTY
(Hw, water & sewer utilities) - See Atascosa County
DONLEY COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
DUVAL COUNTY
(Hw) - See Brooks County
EASTLAND COUNTY
(Hw) - See Andrews County
ECTOR COUNTY
(Hw) - See Andrews County
(R) - See Crane County

TEXAS (cont'd)

EDWARDS COUNTY
(Hw, water & sewer utilities)-
See Atascosa County
ELLIS COUNTY
(B, H, Hw, R) - See Collin County
EL PASO COUNTY
Decision #AP-390 (B)
38 FR 2628 - 1/26/73
Mod. #1 - 38 FR 4631 - 2/16/73
Mod. #2 - 38 FR 5108 - 2/23/73
Mod. #3 - 38 FR 5762 - 3/2/73
(Hw) - See Brewster County
ERATH COUNTY
(Hw) - See Andrews County
FALLS COUNTY
(Hw) - See Bell County
FANNIN COUNTY
(Hw) - See Bowie County
FAYETTE COUNTY
(Hw, water & sewer utilities) -
See Austin County
(R) - See Bastrop County
FISHER COUNTY
(Hw) - See Bailey County
FLOYD COUNTY
(Hw) - See Bailey County
(R) - See Bailey County
FOARD COUNTY
(Hw) - See Bailey County
FORT BEND COUNTY
(H & Hw) - See Brazoria County
(R) - See Brazoria County
FRANKLIN COUNTY
(Hw) - See Bowie County
FREESTONE COUNTY
(Hw) - See Bell County
FRIO COUNTY
(Hw, water & sewer utilities) -
See Atascosa County
GAINES COUNTY
(Hw) - See Bailey County

TEXAS (cont'd)

GALVESTON COUNTY
Decision #AP-389 (B)
38 FR 2625 - 1/26/73
Mod. #1 - 38 FR 4081 - 2/9/73
Mod. #2 - 38 FR 5108 - 2/23/73
(H & Hw) - See Brazoria County
Decision #AP-348 (R)
37 FR 20501 - 9/29/72
(D) - See Aransas County
GARZA COUNTY
(Hw) - See Bailey County
(R) - See Bailey County
GILLESPIE COUNTY
(Hw, water & sewer utilities) -
See Austin County
GLASSCOCK COUNTY
(Hw) - See Andrews County
GOLIAD COUNTY
(Hw) - See Aransas County
GONZALES COUNTY
(Hw, water & sewer utilities) -
See Austin County
GRAY COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
GRAYSON COUNTY
(B) - See Collin County
(H & Hw) - See Collin County
GREGG COUNTY
(Hw) - See Bowie County
GRIMES COUNTY
(Hw) - See Brazos County
GUADALUPE COUNTY
(Hw, water & sewer utilities) -
See Atascosa County
HALE COUNTY
(Hw) - See Bailey County
(R) - See Bailey County
HALL COUNTY
(Hw) - See Archer County
HAMILTON COUNTY
(Hw) - See Bell County
HANSFORD COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County

TEXAS (Cont'd)

HARDEMAN COUNTY
(Hw) - See Archer County
HARDIN COUNTY
(Hw) - See Chambers County
HARRIS COUNTY
Decision #AP-355 (B)
38 FR 2643-1/26/73
Mod. #1-38 FR 4082-2/9/73
Mod. #2 - 38 FR 5109 - 2/23/73
(R) - See Brazoria County
(D) - See Aransas County
(H, Hw) - See Brazoria County
HARRISON COUNTY
(Hw) - See Bowie County
HARTLEY COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
HASKELL COUNTY
(Hw) - See Bailey County
HAYS COUNTY
(Hw, water & sewer utilities) -
See Austin County
(R) - See Bastrop County
HEMPHILL COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
HENDERSON COUNTY
(Hw) - See Anderson County
HIDALGO COUNTY
(B) - See Cameron County
(Hw) - See Brooks County
(R) - See Cameron County
HILL COUNTY
(Hw) - See Bell County
HOCKLEY COUNTY
(Hw) - See Bailey County
(R) - See Bailey County
HOOD COUNTY
(B) - See Collin County
(Hw) - See Cooke County
Decision #AP-301 (R)
37 FR 15232 - 7/28/72
Mod. #1-37 FR 20395 - 9/29/72

TEXAS (Cont'd)

HOPKINS COUNTY
(Hw) - See Bowie County
HOUSTON COUNTY
(Hw) - See Anderson County
HOWARD COUNTY
(Hw) - See Andrews County
HUDSPETH COUNTY
(Hw) - See Brewster County
HUNT COUNTY
(B) - See Collin County
(Hw) - See Bowie County
(R) - See Collin County
HUTCHINSON COUNTY
(B)-- See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
IRION COUNTY
(Hw) - See Andrews County
JACK COUNTY
(Hw) - See Cooke County
JACKSON COUNTY
(Hw) - See Aransas County
(D)-- See Aransas County
JASPER COUNTY
(Hw) - See Anderson County
JEFF DAVIS COUNTY
(Hw) - See Brewster County
JEFFERSON COUNTY
Decision #AP-354 (B)
37 FR 23521 - 11/3/72
Mod. #1 - 37 FR 25115 - 11/25/72
Mod. #2 - 37 FR 26781 - 12/15/72
Mod. #3-38 FR 2571-1/26/73
Mod. #4-38 FR 4081-2/9/73
Mod. #5 - 38 FR 5108 - 2/23/73
(Hw) - See Chambers County
Decision #AP-353 (R)
37 FR 23519 - 11/3/72
Mod. #1 - 37 FR 11/25/72
Mod. #2 - 37 FR 26781 - 12/15/72
Mod. #3 - 38 FR 2571 - 1/26/73
Mod. #4 - 38 FR 4080 - 2/9/73
Mod. #5 - 38 FR 5108 - 2/23/73
(D) - See Aransas County
JIM HOGG COUNTY
(Hw) - See Brooks County
JIM WELLS COUNTY
(Hw) - See Aransas County
JOHNSON COUNTY
(B) - See Collin County
(Hw) - See Cooke County
(R) - See Hood County

TEXAS (cont'd)

JONES COUNTY
(Hw) - See Bailey County
KARNES COUNTY
(Hw)- See Aransas County
KAUFMAN COUNTY
(B) - See Collin County
(Hw) - See Bowie County
(R)- See Collin County
KENDALL COUNTY
(Hw, water & sewer utilities) - See Atascosa County
KENEDY COUNTY
(Hw) - See Brooks County
(D) - See Aransas County
KENT COUNTY
(Hw) - See Bailey County
KERR COUNTY
(Hw, water & sewer utilities) - See Atascosa County
KIMBLE COUNTY
(Hw) - See Andrews County
KING COUNTY
(Hw) - See Bailey County
KINNEY COUNTY
(Hw, water & sewer utilities) - See Atascosa County
KLEBERG COUNTY
(Hw) - See Aransas County
(D) - See Aransas County
KNOX COUNTY
(Hw) - See Bailey County
LAMAR COUNTY
(Hw) - See Bowie County
LAMB COUNTY
(Hw) - See Bailey County
(R) - See Bailey County
LAMPASAS COUNTY
(Hw) - See Bell County
LA SALLE COUNTY
(Hw, water & sewer utilities) - See Atascosa County
LAVACA COUNTY
(Hw) - See Aransas County

TEXAS (Cont'd)

LEE COUNTY
(Hw, water & sewer utilities) - See Austin County
(R) - See Bastrop County
LEON COUNTY
(Hw) - See Brazos County
LIBERTY COUNTY
(Hw) - See Chambers County
LIMESTONE COUNTY
(Hw) - See Bell County
LIPSCOMB COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
LIVE OAK COUNTY
(Hw) - See Aransas County
LLANO COUNTY
(Hw, water & sewer utilities) - See Austin County
LOVING COUNTY
(Hw) - See Andrews County
(R) - See Crane County
LUBBOCK COUNTY
Decision #AP-394 (B)
38 FR 2640-1/26/73
Mod. #1 - 38 FR 4631 - 2/16/73
Mod. #2 - 38 FR 5109 - 2/23/73
Mod. #3 - 38 FR 5762 - 3/2/73
(Hw, R) - See Bailey County
LYNN COUNTY
(Hw, R) - See Bailey County
MCCULLOCH COUNTY
(Hw) - See Andrews County
MCLENNAN COUNTY
(Hw) - See Bell County
MCMULLEN COUNTY
(Hw), water & sewer utilities) - See Atascosa County
MADISON COUNTY
(Hw) - See Brazos County
MARION COUNTY
(Hw) - See Bowie County
MARTIN COUNTY
(Hw) - See Andrews County

TEXAS (Cont'd)

MASON COUNTY
(Hw, water & sewer utilities) - See Austin County
MATAGORDA COUNTY
(H & Hw) - See Brazoria County
(R) - See Brazoria County
(D) - See Aransas County
MAVERICK COUNTY
(Hw, water & sewer utilities) - See Atascosa County
MEDINA COUNTY
(Hw, water & sewer utilities) - See Atascosa County
MENARD COUNTY
(Hw) - See Andrews County
MIDLAND COUNTY
(Hw) - See Andrews County
(R) - See Crane County
MILAM COUNTY
(Hw) - See Brazos County
MILLS COUNTY
(Hw) - See Andrews County
MITCHELL COUNTY
(Hw) - See Andrews County
MONTAGUE COUNTY
(Hw) - See Archer County
MONTGOMERY COUNTY
(H & Hw) - See Brazoria County
(R)-See Brazoria County
MOORE COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
MORRIS COUNTY
(Hw) - See Bowie County
MOTLEY COUNTY
(Hw) - See Bailey County
NACOGDOCHES COUNTY
(Hw) - See Anderson County
NAVARRO COUNTY
(Hw) - See Bell County
NEWTON COUNTY
(Hw) - See Anderson County
NOLAN COUNTY
(Hw) - See Andrews County

TEXAS (cont'd)

NUECES COUNTY
Decision #AP-392 (B)
38 FR 2634-1/26/73
Mod. #1 - 38 FR 5762 - 3/2/73
(Hw, D)- See Aransas County
OCHILTREE COUNTY
(B) - See Armstrong County
(Hw)-See Archer County
(R)-See Armstrong County
OLDHAM COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
ORANGE COUNTY
(B) - See Jefferson County
(Hw) - See Chambers County
(R) - See Jefferson County
(D) - See Aransas County
PALO PINTO COUNTY
(B) - See Collin County
(Hw) - See Cooke County
(R) - See Hood County
PANOLA COUNTY
(Hw) - See Anderson County
PARKER COUNTY
(B) - See Collin County
(Hw) - See Cooke County
(R) - See Hood County
PARMER COUNTY
(Hw) - See Archer County
PECOS COUNTY
(Hw) - See Brewster County
(R) - See Crane County
POLK COUNTY
(Hw) - See Anderson County
POTTER COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County

TEXAS (cont'd)

PRESIDIO COUNTY
(Hw) - See Brewster County
RAINS COUNTY
(Hw) - See Bowie County
RANDALL COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
REAGAN COUNTY
(Hw) - See Andrews County
REAL COUNTY
(Hw, water & sewer utilities) - See Atascosa County
RED RIVER COUNTY
(Hw) - See Bowie County
REEVES COUNTY
(Hw) - See Brewster County
(R) - See Crane County
REFUGIO COUNTY
(Hw) - See Aransas County
(D) - See Aransas County
ROBERTS COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
ROBERTSON COUNTY
(Hw) - See Brazos County
ROCKWALL COUNTY
(B) - See Collin County
(H & Hw) - See Collin County
(R) - See Collin County
RUNNELS COUNTY
(Hw) - See Andrews County
RUSK COUNTY
(Hw) - See Bowie County
SABINE COUNTY
(Hw) - See Anderson County
SAN AUGUSTINE COUNTY
(Hw) - See Anderson County
SAN JACINTO COUNTY
(Hw) - See Anderson County
SAN PATRICIO COUNTY
(Hw) - See Aransas County
(D) - See Aransas County
SAN SABA COUNTY
(Hw) - See Andrews County
SCHLEICHER COUNTY
(Hw) - See Andrews County

TEXAS (cont'd)

SCURRY COUNTY
(Hw) - See Bailey County
SHACKELFORD COUNTY
(Hw) - See Bailey County
SHELBY COUNTY
(Hw) - See Anderson County
SHERMAN COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
SMITH COUNTY
(Hw) - See Bowie County
SOMERVELL COUNTY
(Hw) - See Cooke County
STARR COUNTY
(B) - See Cameron County
(Hw) - See Brooks County
(R) - See Cameron County
STEPHENS COUNTY
(Hw) - See Bailey County
STERLING COUNTY
(Hw) - See Andrews County
STONEWALL COUNTY
(Hw) - See Bailey County
SUTTON COUNTY
(Hw) - See Andrews County
SWISHER COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong COunty
TARRANT COUNTY
(B) - See Collin County
(Hw) - See Cooke County
Decision #AM-11423 (R)
37 FR 11617 - 6/9/72
Mod. #1 - 37 FR 20394 - 9/29/72
TAYLOR COUNTY
(Hw) - See Andrews County
TERRELL COUNTY
(Hw) - See Brewster County
TERRY COUNTY
(Hw) - See Bailey County
(R) - See Bailey County
THROCKMORTON COUNTY
(Hw) - See Bailey County
TITUS COUNTY
(Hw) - See Bowie County
TOM GREEN COUNTY
(Hw) - See Andrews County

TEXAS (Cont'd)

TRAVIS COUNTY
Decision #AP-391 (B)
38 FR 2631-1/26/73
Mod. #1-38 FR 4081-2/9/73
Mod. #2-38 FR 4631 - 2/16/73
(Hw, water & sewer utilities) - See Austin County
(R) - See Bastrop County
TRINITY COUNTY
(Hw) - See Anderson County
TYLER COUNTY
(Hw) - See Anderson County
UPSHUR COUNTY
(Hw) - See Bowie County
UPTON COUNTY
(Hw) - See Andrews County
(R) - See Crane County
UVALDE COUNTY
(Hw, water & sewer utilities) - See Atascosa County
VAL VERDE COUNTY
(Hw, water & sewer utilities) - See Atascosa County
VAN ZANDT COUNTY
(Hw) - See Bowie County
VICTORIA COUNTY
(Hw) - See Aransas County
(D) - See Aransas County
WALKER COUNTY
(Hw) - See Brazos County
(R) - See Brazoria County
WALLER COUNTY
(H & Hw) - See Brazoria County
WARD COUNTY
(Hw) - See Andrews County
(R) - See Andrews County
WASHINGTON COUNTY
(Hw) - See Brazos County
WEBB COUNTY
(Hw) - See Brooks County
WHARTON COUNTY
(H & Hw) - See Brazoria County

TEXAS (Cont'd)

WHEELER COUNTY
(B) - See Armstrong County
(Hw) - See Archer County
(R) - See Armstrong County
WICHITA COUNTY
(Hw) - See Archer County
WILBARGER COUNTY
(Hw) - See Archer County
WILLACY COUNTY
(B) - See Cameron County
(Hw) - See Brooks County
(R) - See Cameron County
(D) - See Aransas County
WILLIAMSON COUNTY
(Hw, water & sewer utilities) - See Austin County
(R) - See Bastrop County
WILSON COUNTY
(Hw, water & sewer utilities) - See Atascosa County
WINKLER COUNTY
(Hw) - See Andrews County
(R) - See Crane County
WISE COUNTY
(B) - See Collin County
(Hw) - See Cooke County
(R) - See Hood County
WOOD COUNTY
(Hw) - See Bowie County
YOAKUM COUNTY
(Hw) - See Bailey County
(R) - See Bailey County
YOUNG COUNTY
(Hw) - See Bailey County
ZAPATA COUNTY
(Hw) - See Brooks County
ZAVALA COUNTY
(Hw, water & sewer utilities) - See Atascosa County

UTAH

STATEWIDE
Decision #AP-254 (B-H-Hw)
37 FR 26255 - 12/8/72
Mod. #1-38 FR 939-1/5/73
BEAVER COUNTY
(B, H, Hw) - See Statewide
BOX ELDER COUNTY
(B, H, Hw) - See Statewide
CACHE COUNTY
(B, H, Hw) - See Statewide
CARBON COUNTY
(B, H, Hw) - See Statewide
DAGGETT COUNTY
(B, H, Hw) - See Statewide
DAVIS COUNTY
(B, H, Hw) - See Statewide
DUCHESNE COUNTY
(B, H, Hw) - See Statewide
EMERY COUNTY
(B, H, Hw) - See Statewide
GARFIELD COUNTY
(B, H, Hw) - See Statewide
GRAND COUNTY
(B, H, Hw) - See Statewide
IRON COUNTY
(B, H, Hw) - See Statewide
JUAB COUNTY
(B, H, Hw) - See Statewide
KANE COUNTY
(B, H, Hw) - See Statewide
MILLARD COUNTY
(B, H, Hw) - See Statewide
MORGAN COUNTY
(B, H, Hw) - See Statewide
PIUTE COUNTY
(B, H, Hw) - See Statewide
RICH COUNTY
(B, H, Hw) - See Statewide
SALT LAKE COUNTY
(B, H, Hw) - See Statewide
SAN JUAN COUNTY
(B, H, Hw) - See Statewide
SANPETE COUNTY
(B, H, Hw) - See Statewide
SEVIER COUNTY
(B, H, Hw) - See Statewide
SUMMIT COUNTY
(B, H, Hw) - See Statewide

UTAH (cont'd)

TOOELE COUNTY
(B, H, Hw) - See Statewide
UINTAH COUNTY
(B, H, Hw) - See Statewide
UTAH COUNTY
(B, H, Hw) - See Statewide
WASATCH COUNTY
(B, H, Hw) - See Statewide
WASHINGTON COUNTY
(B, H, Hw) - See Statewide
WAYNE COUNTY
(B, H, Hw) - See Statewide
WEBER COUNTY
(B, H, Hw) - See Statewide

VERMONT

STATEWIDE
Decision #AP-438 (Hw)
37 FR 21693 - 10/13/72
Mod. #1 - 37 FR 25116 - 11/25/72
Mod. #2-38 FR 2013-1/19/73
ADDISON COUNTY
(Hw) - See Statewide
BENNINGTON COUNTY
(Hw) - See Statewide
CALEDONIA COUNTY
(Hw) - See Statewide
CHITTENDEN COUNTY
(Hw) - See Statewide
ESSEX COUNTY
(Hw) - See Statewide
FRANKLIN COUNTY
(Hw) - See Statewide
GRAND ISLE COUNTY
(Hw) - See Statewide
LAMOILLE COUNTY
(Hw) - See Statewide
ORANGE COUNTY
(Hw) - See Statewide
ORLEANS COUNTY
(Hw) - See Statewide
RUTLAND COUNTY
(Hw) - See Statewide
WASHINGTON COUNTY
(Hw) - See Statewide
WINDHAM COUNTY
(Hw) - See Statewide
WINDSOR COUNTY
(Hw) - See Statewide

VIRGINIA

ACCOMACK COUNTY
Decision #AM-1872 (Hw)
36 FR 16340 - 8/20/71
Mod. #1 - 36 FR 23106 - 12/3/71
Mod. #2 - 37 FR 5663 - 3/17/72
Decision #AP-439 (D)
37 FR 22701 - 10/20/72
ALBEMARLE COUNTY
Decision #AM-1874 (Hw)
36 FR 16342 - 8/20/71
ALEXANDRIA CITY
Decision #AP-443 (B)
37 FR 24515 - 11/17/72
Mod. #1 - 37 FR 26515 - 12/1/72
Mod. #2 - 37 FR 26198 - 12/8/72
Mod. #3 - 38 FR 2015 - 1/19/73
Mod. #4 - 38 FR 5109 - 2/23/73
Mod. #5 - 38 FR 5764 - 3/2/73
Decision #AP-450 (R)
37 FR 25117 - 11/25/72
(D) - See Accomack County
ALLEGHENY COUNTY
Decision #AM-1875 (Hw)
36 FR 16343 - 8/20/71
Mod. #1 - 37 FR 5169 - 3/10/72
AMELIA COUNTY
Decision #AM-1871 (Hw)
36 FR 16339 - 8/20/71
AMHERST COUNTY
Decision #AM-1870 (Hw)
36 FR 16338 - 8/20/71
APPOMATTOX COUNTY
(Hw) - See Amherst County
ARLINGTON COUNTY
(B) - See Alexandria City
(R) - See Alexandria City
(D) - See Accomack County
AUGUSTA COUNTY
Decision #AM-9320 (R)
37 FR 10267 - 5/19/72
(Hw) - See Allegheny County
BATH COUNTY
(Hw) - See Allegheny County
BEDFORD COUNTY
Decision #AM-1869 (Hw)
36 FR 16337 8/20/71
Mod. #1 - 36 FR 18274 - 9/10/71
BLAND COUNTY
Decision #AM-1868 (Hw)
36 FR 16336 - 8/20/71

VIRGINIA (Cont'd)

BOTETOURT COUNTY
(Hw) - See Bedford County
BRISTOL COUNTY
(Hw) - See Bland County
BRUNSWICK COUNTY
(Hw) - See Amelia County
BUCHANAN COUNTY
(Hw) - See Bland County
BUCKINGHAM COUNTY
(Hw) - See Amherst County
BUENA VISTA CITY
(Hw) - See Allegheny County
CAMPBELL COUNTY
(Hw) - See Amherst County
CAROLINE COUNTY
Decision #AM-1873 (Hw)
36 FR 16341 - 8/20/71
Mod. #1 - 37 FR 15238 - 7/28/72
CARROLL COUNTY
(Hw) - See Bedford County
CHARLES CITY COUNTY
(Hw) - See Amelia County
CHARLOTTE COUNTY
(Hw) - See Amherst County
CHARLOTTESVILLE CITY
(Hw) - See Albermarle County
CHESAPEAKE CITY
Decision #AP-468 (B)
38 FR 4177-2/9/73
Mod. #1 - 5674 - 3/2/73
(Hw, D) - See Accomack County
CHESTERFIELD COUNTY
(Hw) - See Amelia County
CLARKE COUNTY
Decision #AP-406 (R)
37 FR 15234 - 7/28/72
(Hw) - See Allegheny County
CLIFTON FORGE CITY
(Hw) - See Allegheny County
COLONIAL HEIGHTS CITY
(Hw) - See Amelia County
COVINGTON CITY
(Hw) - See Allegheny County
CRAIG COUNTY
(Hw) - See Bedford County

VIRGINIA (cont'd)

CULPEPER COUNTY
(Hw) - See Albermarle County
CUMBERLAND COUNTY
(Hw) - See Amherst County
DANVILLE CITY
(Hw) - See Amherst County
DICKERSON COUNTY
(Hw) - See Bland County
DINWIDDIE COUNTY
(Hw) - See Amelia County
ESSEX COUNTY
(Hw) - See Caroline County
(D) - See Accomack County
FAIRFAX COUNTY
(B) - See Alexandria City
(R) - See Alexandria City
(D) - See Accomack County
FAIRFAX CITY
(B) - See Alexandria City
(R) - See Alexandria City
FALLS CHURCH CITY
(B) - See Alexandria City
(R) - See Alexandria City
FAUQUIER COUNTY
(Hw) - See Albermarle County
FLOYD COUNTY
(Hw) - See Bedford County
FLUVANNA COUNTY
(Hw) - See Albermarle County
FORT MONROE CITY
(Hw) - See Accomack County
FRANKLIN CITY
(Hw) - See Accomack County
FRANKLIN COUNTY
(Hw) - See Bedford County

VIRGINIA (cont'd)

FREDERICK COUNTY
(R) - See Clarke County
(Hw) - See Allegheny County
FREDERICKSBURG CITY
(Hw) - See Caroline County
GALAX CITY
(Hw) - See Bland County
GILES COUNTY
(Hw) - See Bedford County
GLOUCESTER COUNTY
(Hw) - See Caroline County
(D) - See Accomack County
GOOCHLAND COUNTY
(Hw) - See Amelia County
GREENE COUNTY
(Hw) - See Albemarle County
GREENSVILLE COUNTY
(Hw) - See Accomack County
HALIFAX COUNTY
(Hw) - See Amherst County
HAMPTON CITY
(Hw) - See Accomack County
(D) - See Accomack County
HANOVER COUNTY
(Hw) - See Amelia County
HARRISONBURG CITY
(Hw) - See Allegheny County
HENRICO COUNTY
Decision #AP-441 (B)
37 FR 23495 - 11/3/72
Mod. #1-37 FR 25627 - 12/1/72
Mod. #2-37 FR 28804-12/29/72
Mod. #3-38 FR 939-1/5/73
Mod. #4-38 FR 2014-1/19/73
Mod. #5-38 FR 3253-2/2/73
Mod. #6-38 FR 5763-3/2/73
(Hw) - See Amelia County

VIRGINIA (cont'd)

HENRY COUNTY
(Hw) - See Bedford County
HIGHLAND COUNTY
(Hw) - See Allegheny County
HOPEWELL CITY
(Hw) - See Amelia County
ISLE OF WIGHT COUNTY
(Hw) - See Accomack County
(D) - See Accomack County
JAMES CITY COUNTY
Decision #AP-407 (R)
37 FR 15235 - 7/28/72
(Hw) - See Accomack County
(D) - See Accomack County
KING AND QUEEN COUNTY
(Hw) - See Caroline County
KING GEORGE COUNTY
(Hw) - See Caroline County
(D) - See Accomack County
KING WILLIAM COUNTY
(Hw) - See Caroline County
LANCASTER COUNTY
(Hw) - See Caroline County
(D) - See Accomack County
LEE COUNTY
(Hw) - See Bland County
LOUDOUN COUNTY
(Hw) - See Albemarle County
LOUISA COUNTY
(Hw) - See Albemarle County
LUNENBURG COUNTY
(Hw) - See Amelia County
LYNCHBURG CITY
(Hw) - See Amherst County

VIRGINIA (cont'd)

MADISON COUNTY
(Hw) - See Albemarle County
MARTINSVILLE CITY
(Hw) - See Bedford County
MATHEWS COUNTY
(Hw) - See Caroline County
(D) - See Accomack County
MECKLENBURG COUNTY
(Hw) - See Amelia County
MIDDLESEX COUNTY
(Hw) - See Caroline County
(D) - See Accomack County
MONTGOMERY COUNTY
(Hw) - See Bedford County
NANSEMOND COUNTY
(Hw) - See Accomack County
(D) - See Accomack County
NELSON COUNTY
(Hw) - See Amherst County
NEW KENT COUNTY
(Hw) - See Amelia County
NEWPORT NEWS CITY
(Hw) - See Accomack County
(D) - See Accomack County
NORFOLK CITY
(B)-See Chesapeake City
(Hw) - See Accomack County
(D) - See Accomack County
NORTHAMPTON COUNTY
(Hw) - See Accomack County
(D) - See Accomack County
NORTON CITY
(Hw) - See Bland County

VIRGINIA (Cont'd)

NORTHUMBERLAND COUNTY
(Hw) - See Caroline County
(D) - See Accomack County
NOTTOWAY COUNTY
(Hw) - See Amelia County
ORANGE COUNTY
(Hw) - See Albermarle County
PAGE COUNTY
(Hw) - See Allegheny County
PATRICK COUNTY
(Hw) - See Bedford County
PETERSBURG COUNTY
(Hw) - See Amelia County
PITTSYLVANIA COUNTY
(Hw) - See Amherst County
PORTSMOUTH CITY
(B) - See Chesapeake City
(Hw) - See Accomack County
(D) - See Accomack County
POWHATAN COUNTY
(Hw) - See Amelia County
PRINCE EDWARD COUNTY
(Hw) - See Amherst County
PRINCE GEORGE COUNTY
(Hw) - See Amelia County
PRINCE WILLIAM COUNTY
(Hw) - See Albermarle County
(D) - See Accomack County
PULASKI COUNTY
(Hw) - See Bedford County
RADFORD CITY
(Hw) - See Bedford County
RAPAHANNOCK COUNTY
(Hw) - See Albermarle County
RICHMOND CITY
(B) - See Henrico County
(Hw) - See Amelia County
RICHMOND COUNTY
(Hw) - See Caroline County
ROANOKE CITY
(Hw) - See Bedford County
ROANOKE COUNTY
(Hw) - See Bedford County
ROCKBRIDGE COUNTY
(Hw) - See Allegheny County

VIRGINIA (Cont'd)

ROCKINGHAM COUNTY
(R) - See Clarke County
(Hw) - See Alleghany County
RUSSELL COUNTY
(Hw) - See Bland County
SCOTT COUNTY
(Hw) - See Bland County
SHENANDOAH COUNTY
(Hw) - See Alleghany County
(R) - See Clarke County
SMYTH COUNTY
(Hw) - See Bland County
SOUTHAMPTON COUNTY
(Hw) - See Accomack County
SOUTH BOSTON CITY
(Hw) - See Amherst County
SPOTSYLVANIA COUNTY
(Hw) - See Caroline County
STAUNTON CITY
(Hw) - See Alleghany County
STAFFORD COUNTY
(Hw) - See Caroline County
(D) - See Accomack County
SUFFOLK CITY
(Hw) - See Accomack County
SURRY COUNTY
(Hw) - See Accomack County
(D) - See Accomack County
SUSSEX COUNTY
(Hw) - See Accomack County
TAZEWELL COUNTY
(Hw) - See Bland County
VIRGINIA BEACH CITY
Decision #AM-9321 (R)
37 FR 10266 - 5/19/72
(Hw) - See Accomack County
(D) - See Accomack County
WARREN COUNTY
(R) - See Clarke County
(Hw) - See Alleghany County
WASHINGTON COUNTY
(Hw) - See Bland County
WAYNESBORO CITY
(Hw) - See Alleghany County
WESTMORELAND COUNTY
(Hw) - See Caroline County
(D) - See Accomack County

VIRGINIA (Cont'd)

WILLIAMSBURG CITY
(Hw) - See Accomack County
WINCHESTER CITY
(Hw) - See Alleghany County
WISE COUNTY
(Hw) - See Bland County
WYTHE COUNTY
(Hw) - See Bland County
YORK COUNTY
(R) - See James City County
(Hw) - See Accomack County
(D) - See Accomack County

WASHINGTON

STATEWIDE
Decision #AP-261 (B,H,Hw,D)
38 FR 3265-2/2/73
ADAMS COUNTY
(B,H,Hw,D)-See Statewide
ASOTIN COUNTY
(B,H,Hw,D)-See Statewide
BENTON COUNTY
(B,H,Hw,D)-See Statewide
CHELAN COUNTY
(B,H,Hw,D)-See Statewide
CLALLAM COUNTY
(B,H,Hw,D)-See Statewide
CLARK COUNTY
(B,H,Hw,D)-See Statewide
COLUMBIA COUNTY
(B,H,Hw,D)-See Statewide
COWLITZ COUNTY
(B,H,Hw,D)-See Statewide
DOUGLAS COUNTY
(B,H,Hw,D)-See Statewide
FERRY COUNTY
(B,H,Hw,D)-See Statewide
FRANKLIN COUNTY
(B,H,Hw,D)-See Statewide
GARFIELD COUNTY
(B,H,Hw,D)-See Statewide
GRANT COUNTY
(B,H,Hw,D)-See Statewide
GRAYS HARBOR COUNTY
(B,H,Hw,D)-See Statewide
ISLAND COUNTY
(B,H,Hw,D)-See Statewide
JEFFERSON COUNTY
(B,H,Hw,D)-See Statewide

WASHINGTON (Cont'd)

KING COUNTY
(B,H,Hw,D)-See Statewide
KITSAP COUNTY
(B,H,Hw,D)-See Statewide
KITTITAS COUNTY
(B,H,Hw,D)-See Statewide
KLICKITAT COUNTY
(B,H,Hw,D)-See Statewide
LEWIS COUNTY
(B,H,Hw,D)-See Statewide
LINCOLN COUNTY
(B,H,Hw,D)-See Statewide
MASON COUNTY
(B,H,Hw,D)-See Statewide
OKANOGAN COUNTY
(B,H,Hw,D)-See Statewide
PACIFIC COUNTY
(B,H,Hw,D)-See Statewide
PEND OREILLE COUNTY
(B,H,Hw,D)-See Statewide
PIERCE COUNTY
(B,H,Hw,D)-See Statewide
SAN JUAN COUNTY
(B,H,Hw,D)-See Statewide
SKAGIT COUTNY
(B,H,Hw,D)-See Statewide
SKAMANIA COUNTY
(B,H,Hw,D)-See Statewide
SNOHOMISH COUNTY
(B,H,Hw,D)-See Statewide
SPOKANE COUNTY
(B,H,Hw,D)-See Statewide
STEVENS COUNTY
(B,H,Hw,D)-See Statewide
THURSTON COUNTY
(B,H,Hw,D)-See Statewide
WAHKIAKUM COUNTY
(B,H,Hw,D)-See Statewide
WALLA WALLA COUNTY
(B,H,Hw,D)-See Statewide
WHATCOM COUNTY
(B,H,Hw,D)-See Statewide
WHITMAN COUNTY
(B,H,Hw,D)-See Statewide
YAKIMA COUNTY
(B,H,Hw,D)-See Statewide

WASHINGTON, D. C.

WASHINGTON, D.C.
Decision #AP-442 (B, Hw, Sewer & water)
37 FR 24512 - 11/17/72
Mod. #1 - 37 FR 25627 - 12/1/72
Mod. #2 - 37 FR 26198 - 12/8/72
Mod. #3 - 38 FR 2014 - 1/19/73
Mod. #4 - 38 FR 5109 - 2/23/73
Mod. #5 - 38 FR 5764 - 3/2/73
Decision #AP-450 (R)
37 FR 25117 - 11/25/72

WEST VIRGINIA

BARBOUR COUNTY
(H & Hw) - See Kanawha County
BERKELEY COUNTY
(H & Hw) - See Kanawha County
BOONE COUNTY
(H & Hw) - See Kanawha County
BRAXTON COUNTY
(H & Hw) - See Kanawha County
BROOKE COUNTY
(H & Hw) - See Kanawha County
CABELL COUNTY
Decision #AP-403 (B)
37 FR 14661 - 7/21/72
Mod. #1-37 FR 16722 - 8/18/72
Mod. #2-37 FR 21720 - 10/13/72
Decision #AP-602 (D)
38 FR 1433-1/12/73
(H & Hw) - See Kanawha County
CALHOUN COUNTY
(H & Hw) - See Kanawha County
CLAY COUNTY
(H & Hw) - See Kanawha County

WEST VIRGINIA (Cont'd)

DODDRIDGE COUNTY
(H & Hw) - See Kanawha County
FAYETTE COUNTY
(H & Hw) - See Kanawha County
GILMER COUNTY
(H & Hw) - See Kanawha County
GRANT COUNTY
(H & Hw) - See Kanawha County
GREENBRIER COUNTY
(H & Hw) - See Kanawha County
HAMPSHIRE COUNTY
(H & Hw) - See Kanawha County
HANCOCK COUNTY
(H & Hw) - See Kanawha County
HARDY COUNTY
(H, & Hw) - See Kanawha County
HARRISON COUNTY
(H & Hw) - See Kanawha County
JACKSON COUNTY
(D)-See Cabell County
(H & Hw) - See Kanawha County
JEFFERSON COUNTY
(H & Hw) - See Kanawha County
KANAWHA COUNTY
Decision #AP-402 (B)
37 FR 14659 - 7/21/72
Mod. #1-37 FR 20401 - 9/29/72
Mod. #2-37 FR 21720 - 10/13/72
Mod. #3-38 FR 4082-2/9/73
Decision #AP-405 (R)
37 FR 15236 - 7/28/72
Mod. #1-37 FR 20401 - 9/29/72
Mod. #2-37 FR 21720 - 10/13/72
Mod. #3-38 FR 4082-2/9/73

WEST VIRGINIA (Cont'd)

KANAWHA COUNTY (Cont'd)
Decision #AM-9,690 (H & Hw)
37 FR 6140 - 3/24/72
Mod. #1-37 FR 7030 - 4/7/72
Mod. #2-37 FR 7923 - 4/21/72
Mod. #3-37 FR 9170 - 5/5/72
Mod. #4-37 FR 26781 - 12/15/72
LEWIS COUNTY
(H & Hw) - See Kanawha County
LINCOLN COUNTY
(H & Hw) - See Kanawha County
LOGAN COUNTY
(H & Hw) - See Kanawha County
McDOWELL COUNTY
(H & Hw) - See Kanawha County
MARION COUNTY
(H & Hw) - See Kanawha County
MARSHALL COUNTY
(H & Hw) - See Kanawha County
MASON COUNTY
(D)-See Cabell County
(H & Hw) - See Kanawha County
MERCER COUNTY
(H & Hw) - See Kanawha County
MINERAL COUNTY
(H & Hw) - See Kanawha County,
MINGO COUNTY
(H & Hw) - See Kanawha County
MONONGALIA COUNTY
(H & Hw) - See Kanawha County
MONROE COUNTY
(H & Hw) - See Kanawha County
MORGAN COUNTY
(H & Hw) - See Kanawha County
NICHOLAS COUNTY
(H & Hw) - See Kanawha County
OHIO COUNTY
(H & Hw) - See Kanawha County
PENDLETON COUNTY
(H & Hw) - See Kanawha County
PLEASANT COUNTY
(D)-See Cabell County
(H & Hw) - See Kanawha County
PRESTON COUNTY
(H & Hw) - See Kanawha County

WEST VIRGINIA (cont'd)

PUTNAM COUNTY
(H & Hw) - See Kanawha County
RALEIGH COUNTY
(H & Hw) - See Kanawha County
RANDOLPH COUNTY
(H & Hw) - See Kanawha County
RITCHIE COUNTY
(H & Hw) - See Kanawha County
ROANE COUNTY
(H & Hw) - See Kanawha County
SUMMERS COUNTY
(H & Hw) - See Kanawha County
TAYLOR COUNTY
(H & Hw) - See Kanawha County
TUCKER COUNTY
(H & Hw) - See Kanawha County
TYLER COUNTY
(H & Hw) - See Kanawha County
UPSHUR COUNTY
(H & Hw) - See Kanawha County
WAYNE COUNTY
(H & Hw) - See Kanawha County
WEBSTER COUNTY
(H & Hw) - See Kanawha County
WETZEL COUNTY
(D)-See Cabell County
(H & Hw) - See Kanawha County
WIRT COUNTY
(H & Hw) - See Kanawha County
WOOD COUNTY
(D)-See Cabell County
(H & Hw) - See Kanawha County
WYOMING COUNTY
(H & Hw) - See Kanawha County

WISCONSIN

ADAMS COUNTY
Decision #AP-72 (Hw)
37 FR 26273 - 12/8/72
Mod. #1-38 FR 2019-1/19/73
ASHLAND COUNTY
Decision #AP-4 (D)
37 FR 14670 - 7/21/72
Decision #AP-70 (Hw)
37 FR 26269 - 12/8/72
Mod. #1-38 FR 2018-1/19/73

WISCONSIN (cont'd)

BARRON COUNTY
Decision #AP-71 (Hw)
37 FR 26271 - 12/8/72
Mod. #1-38 FR 2018-1/19/73
BAYFIELD COUNTY
(D) - See Ashland County
(Hw) - See Ashland County
BROWN COUNTY
Decision #AP-53 (B)(H)(Hw)
37 FR 25643 - 12/1/72
Mod. #1-37 FR 28357-12/22/72
Mod. #2-38 FR 2015-1/19/73
Mod. #3-38 FR 5111-2/23/72
(D) - See Ashland County
BUFFALO COUNTY
(Hw) - See Barron County
BURNETT COUNTY
(Hw) - See Ashland County
CALUMET COUNTY
Decision #AP-74 (Hw)
37 FR 26277 - 12/8/72
Mod. #1-38 FR 2019-1/19/73
CHIPPEWA COUNTY
(Hw) - See Barron County
CLARK COUNTY
(Hw) - See Barron County
COLUMBIA COUNTY
Decision #AP-73 (Hw)
37 FR 26275 - 12/8/72
Mod. #1-38 FR 2019-1/19/73
CRAWFORD COUNTY
(Hw) - See Columbia County
DANE COUNTY
Decision #AP-54 (B)(H)(Hw)
37 FR 25647 - 12/1/72
Mod. #1-37 FR 28357-12/22/72
Mod. #2-38 FR 2015-1/19/73
Mod. #3-38 FR 5111-2/23/73
Decision #AP-65 (R)
37 FR 25606 - 12/1/72
Mod. #1 - 38 FR 28358 - 12/22/72
Mod. #2 - 38 FR 2018 - 1/19/73
Mod. #3 - 38 FR 5112 - 2/23/73
DODGE COUNTY
(Hw) - See Columbia County
DOOR COUNTY
(D) - See Ashland County
(Hw) - See Calumet County
DOUGLAS COUNTY
(D) - See Ashland County

WISCONSIN (cont'd)

(Hw) - See Ashland County
DUNN COUNTY
(Hw) - See Barron County
EAU CLAIRE COUNTY
Decision #AP-55 (B)(H)(Hw)
37 FR 25650 - 12/1/72
Mod. #1-38 FR 2016-1/19/73
Mod. #2-38 FR 5111-2/23/73
FLORENCE COUNTY
(Hw) - See Calumet County
FOND DU LAC COUNTY
Decision #AP-75 (Hw)
37 FR 26279 - 12/8/72
Mod. #1-38 FR 2019-1/19/73
FOREST COUNTY
(Hw) - See Ashland County
GRANT COUNTY
(Hw) - See Columbia County
GREEN COUNTY
(Hw) - See Columbia County
GREEN LAKE COUNTY
(Hw) - See Adams County
IOWA COUNTY
(Hw) - See Columbia County
IRON COUNTY
(D) - See Ashland County
(Hw) - See Ashland County
JACKSON COUNTY
(Hw) - See Columbia County
JEFFERSON COUNTY
(Hw) - See Columbia County
JUNEAU COUNTY
Decision #AP-56 (B)(H)(Hw)
37 FR 25654 - 12/1/72
Mod. #1-37 FR 28357-12/22/72
Mod. #2-38 FR 2016-1/19/73
Mod. #3-38 FR 5111-2/23/73
KENOSHA COUNTY
Decision #AP-57 (B)(H)(Hw)
37 FR 25658 - 12/1/72
Mod. #1-37 FR 28357-12/22/72
Mod. #2-38 FR 2016-1/19/73
KEWAUNEE COUNTY
(D) - See Ashland County
(Hw) - See Calumet County
LA CROSSE COUNTY
Decision #AP-58 (B)(H)(Hw)
37 FR 25662 - 12/1/72
Mod. #1-37 FR 28357-12/22/72
Mod. #2-38 FR 2016-1/19/73
Mod. #3-38 FR 5112-2/23/73

WISCONSIN (cont'd)

LA CROSSE COUNTY (cont'd)
Decision #AP-66 (R)
37 FR 25609 - 12/1/72
Mod. #1 - 37 FR 28358 - 12/22/72
Mod. #2 - 38 FR 2018 - 1/19/73
Mod. #3 - 38 FR 5112 - 2/23/73
LAFAYETTE COUNTY
(Hw) - See Columbia County
LANGLADE COUNTY
(Hw) - See Adams County
LINCOLN COUNTY
(Hw) - See Ashland County
MANITOWOC COUNTY
(D) - See Ashland County
(Hw) - See Calumet County
MARATHON COUNTY
Decision #AP-59 (B)(H)(Hw)
37 FR 25666 - 12/1/72
Mod. #1-38 FR 2017-1/19/73
Mod. #2-38 FR 5111-2/23/73
MARINETTE COUNTY
(D) - See Ashland County
(Hw) - See Calumet County
MARQUETTE COUNTY
(Hw) - See Adams County
MENOMINEE COUNTY
(Hw) - See Adams County
MILWAUKEE COUNTY
Decision #AP-60 (B)(H)(Hw)
37 FR 25669 - 12/1/72
Mod. #1-37 FR 28357-12/22/72
Mod. #2-38 FR 2017-1/19/73
Mod. #3-38 FR 5111-2/23/73
(D) - See Ashland County
Decision #AP-67 (R)
37 FR 25612 - 12/1/72
Mod. #1 - 37 FR 28358 - 12/22/72
Mod. #2 - 38 FR 5112 - 2/23/73
MONROE COUNTY
(Hw) - See Columbia County
OCONTO COUNTY
(D) - See Ashland County
(Hw) - See Calumet County

WISCONSIN (cont'd)

ONEIDA COUNTY
(Hw) - See Ashland County
OUTAGAMIE COUNTY
(Hw) - See Calumet County
OZAUKEE COUNTY
(B)(H)(Hw) - See Milwaukee County
(D) - See Ashland County
(Hw) - See Fond du Lac County
(R) - See Milwaukee County
PEPIN COUNTY
(Hw) - See Barron County
PIERCE COUNTY
(Hw) - See Barron County
POLK COUNTY
Decision #AP-61 (B)(H)(Hw)
37 FR 25674 - 12/1/72
Mod. #1-38 FR 2017-1/19/73
PORTAGE COUNTY
(Hw) - See Adams County
PRICE COUNTY
(Hw) - See Ashland County
RACINE COUNTY
Decision AP-62 (B)(H)(Hw)
37 FR 25678 - 12/1/72
Mod. #1-37 FR 28357 - 12/22/72
Mod. #2-38 FR 2017-1/19/73
(D) - See Ashland County
RICHLAND COUNTY
(Hw) - See Columbia County
ROCK COUNTY
Decision #AP-63 (B)(H)(Hw)
37 FR 25682 - 12/1/72
Mod. #1-37 FR 28358-12/22/72
Mod. #2-38 FR 2018-1/19/73
Mod. #3-38 FR 5111-2/23/73
RUSK COUNTY
(Hw) - See Ashland County
SAINT CROIX COUNTY
(Hw) - See Barron County
SAUK COUNTY
(Hw) - See Columbia County
SAWYER COUNTY
(Hw) - See Ashland County

WISCONSIN (Cont'd)

SHAWANO COUNTY
(Hw) - See Adams County
SHEBOYGAN COUNTY
(D) - See Ashland County
(Hw) - See Fond du Lac County
TAYLOR COUNTY
(Hw) - See Ashland County
TREMPEALEAU COUNTY
(Hw) - See Barron County
VERNON COUNTY
(Hw) - See Columbia County
VILAS COUNTY
(Hw) - See Ashland County
WALWORTH COUNTY
(Hw) - See Fond du Lac County
WASHBURN COUNTY
(Hw) - See Ashland County
WASHINGTON COUNTY
(B)(H)(Hw) - See Milwaukee County
(Hw) - See Fond du Lac County
(R) - See Milwaukee County
WAUKESHA COUNTY
(B)(H)(Hw) - See Milwaukee County
(R) - See Milwaukee County
WAUPACA COUNTY
(Hw) - See Adams County
WAUSHARA COUNTY
(Hw) - See Adams County
WINNEBAGO COUNTY
Decision #AP-64 (B)(H)(Hw)
37 FR 25686 - 12/1/72
Mod. #1 - 37 FR 28358 - 12/22/72
Mod. #2 - 38 FR 2018 - 1/19/73
Mod. #3 - 38 FR 5112 - 2/23/73
WOOD COUNTY
(Hw) - See Adams County

WYOMING

STATEWIDE
Decision #AM-2,476 (Hw)
36 FR 17159 - 8/27/71
Mod. #1-37 FR 4470 - 3/3/72
Mod. #2-37 FR 28805-12/29/72
Mod. #3-38 FR 2020-1/19/73
ALBANY COUNTY
(Hw) - See Statewide

WYOMING (Cont'd)

BIG HORN COUNTY
(Hw) - See Statewide
CAMPBELL COUNTY
(Hw) - See Statewide
CARBON COUNTY
(Hw) - See Statewide
CONVERSE COUNTY
(Hw) - See Statewide
CROOK COUNTY
(Hw) - See Statewide
FREMONT COUNTY
(Hw) - See Statewide
GOSHEN COUNTY
(Hw) - See Statewide
HOT SPRINGS COUNTY
(Hw) - See Statewide
JOHNSON COUNTY
(Hw) - See Statewide
LARAMIE COUNTY
Decision #AP-250 (B,H,Hw)
37 FR 24011 - 11/10/72
Mod. #1 - 38 FR 940 - 1/5/73
Mod. #2 - 38 FR 2021 - 1/19/73
LINCOLN COUNTY
(Hw) - See Statewide
NATRONA COUNTY
(Hw) - See Statewide
NIOBRARA COUNTY
(Hw) - See Statewide
PARK COUNTY
(Hw) - See Statewide
PLATTE COUNTY
(Hw) - See Statewide
SHERIDAN COUNTY
(Hw) - See Statewide
SUBLETTE COUNTY
(Hw) - See Statewide
SWEETWATER COUNTY
(Hw) - See Statewide
TETON COUNTY
(Hw) - See Statewide
UINTA COUNTY
(Hw) - See Statewide
WASHAKIE COUNTY
(Hw) - See Statewide
WESTON COUNTY
(Hw) - See Statewide
YELLOWSTONE NATIONAL PARK COUNTY
(Hw) - See Statewide

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