

H.R. 3067: Mr. FLAKE, Mr. DELLUMS, and Mr. TORRES.

H.R. 3083: Mr. DREIER.

H.R. 3090: Mr. PALLONE, Mr. KLUG, Mr. BEILSEN, Ms. RIVERS, Mr. LIPINSKI, and Ms. PELOSI.

H.R. 3161: Mr. CUNNINGHAM.

H.R. 3180: Mr. HALL of Texas, Mr. STENHOLM, Mr. DE LA GARZA, Ms. EDDIE BERNICE JOHNSON of Texas, and Mrs. THURMAN.

H.R. 3181: Mr. HORN, Mr. FRAZER, Ms. LOFGREN, Mr. FALEOMAVAEGA, Mr. VENTO, Ms. MCKINNEY, Mr. KENNEDY of Massachusetts, Ms. PELOSI, Mr. LIPINSKI, Mr. CANADY, and Mr. BARRETT of Wisconsin.

H.R. 3199: Mr. CONDIT, Mr. SPENCE, Mr. ARCHER, and Mr. PORTER.

H.R. 3211: Mr. BALLENGER, Mr. BARRETT of Nebraska, Mr. HUTCHINSON, Mr. BOEHNER, Mr. INGLIS of South Carolina, Mr. CHRISTENSEN, Ms. PRYCE, Mr. BUNNING of Kentucky, Mr. EHRLICH, Mr. RAMSTAD, and Mr. HEFLEY.

H.R. 3217: Mr. BONIOR and Mr. DELLUMS.

H.R. 3222: Ms. LOFGREN.

H.R. 3224: Mr. CANADY and Mr. CALVERT.

H.R. 3226: Mr. FOLEY, Mr. FARR, and Mr. FALEOMAVAEGA.

H.R. 3234: Mr. MCINTOSH, Mr. BLILEY, Mr. BATEMAN, Mr. KIM, Mr. LINDER, Mr. MCKEON, Mr. FUNDERBURK, Mr. BRYANT of Tennessee, Mr. TALENT, Mr. NUSSLE, Mr. PARKER, Mr. TAUZIN, Mr. BURR, Mrs. FOWLER, Mr. INGLIS of South Carolina, Mr. RAMSTAD, Mr. CANADY, Mr. CAMPBELL, Ms. PRYCE, and Mr. COOLEY.

H.R. 3247: Mr. FOGLIETTA, Mr. DE LA GARZA, Mr. ACKERMAN, Mr. CLAY, Mr. FATTAH, Mr. TRAFICANT, Mr. STOKES, Mr. CONYERS, Mr. FORD, Mr. TOWNS, and Mr. PASTOR.

H.R. 3267: Mrs. SEASTRAND and Mr. UNDERWOOD.

H.R. 3300: Mr. SOLOMON and Mr. STEARNS.

H.R. 3303: Mr. GILMAN, Mr. ROHRBACHER, Mrs. SEASTRAND, Mr. PETE GEREN of Texas, Mr. GREEN of Texas, and Mr. JEFFERSON.

H.R. 3372: Mr. PETRI, Mr. BORSKI, Ms. BROWN of Florida, and Ms. DANNER.

H.R. 3383: Mrs. JOHNSON of Connecticut.

H.R. 3384: Mr. CALVERT.

H.R. 3391: Mr. WICKER, Mr. KLUG, and Mr. LONGLEY.

H.R. 3393: Mr. FLANAGAN, Mr. CLYBURN, and Mr. SHAYS.

H.R. 3401: Mr. MATSUI, Mr. BRYANT of Texas, Mr. DOOLITTLE, Mr. ENGEL, Mr. FROST, Mr. GUTIERREZ, Ms. LOFGREN, Mr. CAMP, Mr. NEAL of Massachusetts, Ms. ESHOO, Mr. GREEN of Texas, and Mr. MARKEY.  
H. Con. Res. 160: Mr. BURTON of Indiana, Mr. KING, Mr. LEVIN, and Mr. FLAKE.

H. Con. Res. 165: Mr. MENENDEZ.

H. Res. 423: Mr. DAVIS, Mr. BROWNBACK, Mr. SHAYS, Mr. NEUMANN, Mr. BASS, and Mr. RADANOVICH.

## AMENDMENTS

Under clause 6 of rule XXIII, proposed amendments were submitted as follows:

H.R. 2406

OFFERED BY: MR. DURBIN

AMENDMENT NO. 45: At the end of title V of the bill, insert the following new section:

### SEC. 515. PROHIBITION AGAINST ILLEGAL POSSESSION OR DISCHARGE OF FIREARMS IN PUBLIC HOUSING ZONES.

(a) CONGRESSIONAL FINDINGS.—The Congress finds and declares that—

(A) crime, particularly crime involving firearms, is a pervasive, nationwide problem;

(B) crime at the local level is exacerbated by the interstate movement of firearms;

(C) firearms and ammunition move easily in interstate commerce and illegal firearms

have been found in increasing numbers in and around public housing zones;

(D) in fact, even before the sale of a firearm, the gun, its component parts, ammunition, and the raw materials from which they are made have considerably moved in interstate commerce;

(E) while criminals freely move from State to State, ordinary citizens and foreign visitors may fear to travel to or through certain parts of the country due to concern about violent crime and gun violence;

(F) the occurrence of violent crime in public housing zones has resulted in a decline in the quality of public housing in our country;

(G) this decline in the quality of public housing has an adverse impact on interstate commerce and the foreign commerce of the United States;

(H) States, localities, and local housing and management authorities find it almost impossible to handle gun-related crime by themselves; even States, localities, and local housing and management authorities that have made strong efforts to prevent, detect, and punish gun-related crime find their efforts unavailing due in part to the failure or inability of other States or localities to take strong measures; and

(I) the Congress has power, under the interstate commerce clause and other provisions of the Constitution, to enact measures to ensure the integrity and safety of the Nation's public housing by enactment of this section.

(b) PROHIBITIONS.—

(1) POSSESSION.—It shall be unlawful for any person, in or affecting interstate or foreign commerce, to possess a firearm in violation of any other Federal law or of any State or local law, at a place that the person knows or has reasonable cause to believe is in a public housing zone.

(2) DISCHARGE.—

(A) IN GENERAL.—It shall be unlawful for any person, in or affecting interstate or foreign commerce, to discharge or attempt to discharge a firearm, knowingly or with reckless disregard for the safety of another, at a place that the person knows is in a public housing zone.

(B) EXCEPTIONS.—Subparagraph (A) shall not apply to the discharge of a firearm—

(i) by a person employed by a local housing and management authority to provide security for a public housing development in the public housing zone, acting within the scope of such employment; or

(ii) by a law enforcement officer acting in his or her official capacity.

(c) PENALTIES.—Whoever violates subsection (b) shall be fined under title 18, United States Code, imprisoned for not more than 5 years, or both. Notwithstanding any other provision of law, a term of imprisonment imposed under this subsection shall not run concurrently with any other term of imprisonment imposed under any other provision of law. Except for the authorization of a term of imprisonment of not more than 5 years made in this subsection, for the purpose of any other law a violation of subsection (b) shall be deemed to be a misdemeanor.

(d) DEFINITIONS.—For purposes of this section, the following definitions shall apply:

(1) The terms "firearm", "interstate or foreign commerce", "person", and "whoever", have the meanings given such terms in section 921(a) of title 18, United States Code.

(2) The term "public housing zone" means in or upon—

(A) the real property comprising the public housing developments of any local housing and management authority; or

(B) any public property which is at a distance of not more than 1,000 feet from property referred to in subparagraph (A).

(e) EFFECTIVE DATE.—This section shall apply to conduct engaged in after the end of

the 60-day period that begins with the date of the enactment of this Act.

(f) GUN-FREE ZONE SIGNS.—Federal, State, and local authorities (including local housing and management authorities) are encouraged to cause signs to be posted around public housing zones giving warning of the prohibition against the illegal possession of a firearm in such zones.

H.R. 2406

OFFERED BY: MR. FIELDS OF LOUISIANA

AMENDMENT NO. 46: In section 103(b) of the bill (as amended by the manager's amendment), strike paragraph (2) (relating to resident membership) and insert the following new paragraph:

(2) RESIDENT MEMBERSHIP.—

(A) IN GENERAL.—In localities in which a local housing and management authority is governed by a board of directors or other similar body, not less than 25 percent of the members of the board or body shall be individuals who are—

(i) residents of public housing dwelling units owned or operated by the authority; or

(ii) members of assisted families under title III.

(B) ELECTION AND TRAINING.—Members of the board of directors or other similar body by reason of subparagraph (A) shall be selected for such membership in an election in which only residents of public housing dwelling units owned or operated by the authority and members of assisted families under title III who are assisted by the authority are eligible to vote. The authority shall provide such members with training appropriate to assist them to carry out their responsibilities as members of the board or other similar body.

Section 103(b)(5) of the bill (as amended by the manager's amendment), strike subparagraph (A) (relating to the definition of "elected public housing resident member").

H.R. 2406

OFFERED BY: MR. SANDERS OF VERMONT

AMENDMENT NO. 47: Page 145, line 23, strike "6.5 percent" and insert "7.65 percent".

Page 146, lines 4 and 5, strike "6.5 percent" and insert "7.65 percent".

Page 146, line 7, strike "6.0 percent" and insert "7.0 percent".

H.R. 3230

OFFERED BY: MR. SAXTON

AMENDMENT NO. 1: In section 247, strike all that follows subsection (a) (page , line through page , line ) and insert the following:

(b) ESTABLISHMENT AND PURPOSES OF PROGRAM.—The Secretary of Commerce shall establish a program to be known as the "National Oceanographic Partnership Program". The purposes of the program are as follows:

(1) To promote the national goals of assuring national security, advancing economic development, protecting quality of life, and strengthening science education and communication through improved knowledge of the ocean.

(2) To coordinate and strengthen oceanographic efforts in support of those goals by—

(A) identifying and carrying out partnerships among Federal agencies, academia, industry, and other members of the oceanographic scientific community in the areas of data, resources, education, and communication; and

(B) reporting annually to Congress on the program.

(c) ESTABLISHMENT OF NATIONAL OCEAN RESEARCH LEADERSHIP COUNCIL.—

(1) IN GENERAL.—There is a National Ocean Research Leadership Council (hereinafter in this section referred to as the "Council").

(2) MEMBERSHIP.—The Council is composed of the following members:

(A) The Administrator of the National Oceanic and Atmospheric Administration, who shall be the Chairman of the Council.

(B) The Secretary of the Navy.

(C) The Director of the National Science Foundation.

(D) The Administrator of the National Aeronautics and Space Administration.

(E) The Deputy Secretary of Energy.

(F) The Administrator of the Environmental Protection Agency.

(G) The Commandant of the Coast Guard.

(H) The Director of the Geological Survey of the Department of the Interior.

(I) The Director of the Defense Advanced Research Projects Agency.

(J) The Director of the Minerals Management Service of the Department of the Interior.

(K) The President of the National Academy of Sciences, the President of the National Academy of Engineering, and the President of the Institute of Medicine.

(L) The Director of the Office of Science and Technology.

(M) The Director of the Office of Management and Budget.

(N) One member appointed by the Chairman from among individuals who will represent the views of ocean industries.

(O) One member appointed by the Chairman from among individuals who will represent the views of State governments.

(P) One member appointed by the Chairman from among individuals who will represent the views of academia.

(Q) One member appointed by the Chairman from among individuals who will represent such other views as the Chairman considers appropriate.

(3) **TERM OF OFFICE.**—The term of office of a member of the Council appointed under subparagraph (N), (O), (P), or (Q) of paragraph (2) shall be two years, except that any person appointed to fill a vacancy occurring before the expiration of the term for which his or her predecessor was appointed shall be appointed for the remainder of such term.

(4) **INITIAL APPOINTMENTS OF COUNCIL MEMBERS.**—The Administrator of the National Oceanic and Atmospheric Administration shall make the appointments required by paragraph (2) by not later than December 1, 1996.

(d) **RESPONSIBILITIES OF COUNCIL.**—The Council shall have the following responsibilities:

(1) To establish the Ocean Research Partnership Coordinating Group as provided in section 7903.

(2) To establish the Ocean Research Advisory Panel as provided in subsection (f).

(3) To submit to Congress an annual report pursuant to subsection (e).

(e) **ANNUAL REPORT.**—Not later than March 1 of each year, the Council shall submit to Congress a report on the National Oceanographic Partnership Program. The report shall contain the following:

(1) A description of activities of the program carried out during the fiscal year before the fiscal year in which the report is prepared. The description also shall include a list of the members of the Ocean Research Partnership Coordinating Group, the Ocean Research Advisory Panel, and any working groups in existence during the fiscal year covered.

(2) A general outline of the activities planned for the program during the fiscal year in which the report is prepared.

(3) A summary of projects continued from the fiscal year before the fiscal year in which the report is prepared and projects expected to be started during the fiscal year in which the report is prepared and during the following fiscal year.

(4) A description of the involvement of the program with Federal interagency coordinating entities.

(5) The amounts requested, in the budget submitted to Congress pursuant to section 1105(a) of title 31 for the fiscal year following the fiscal year in which the report is prepared, for the programs, projects, and activities of the program and the estimated expenditures under such programs, projects, and activities during such following fiscal year.

The first annual report required by this subsection shall be submitted to Congress not later than March 1, 1997. The first report shall include, in addition to the information otherwise required by this subsection, information about the terms of office, procedures, and responsibilities of the Ocean Research Advisory Panel established by the Council.

(f) **OCEAN RESEARCH PARTNERSHIP COORDINATING GROUP.**—

(1) **ESTABLISHMENT.**—The Council shall establish an entity to be known as the "Ocean Research Partnership Coordinating Group" (hereinafter in this section referred to as the "Coordinating Group").

(2) **MEMBERSHIP.**—The Coordinating Group shall consist of members appointed by the Council, with one member appointed from each Federal department or agency having an oceanographic research or development program.

(3) **CHAIRMAN.**—The Council shall appoint the Chairman of the Coordinating Group.

(4) **RESPONSIBILITIES.**—Subject to the authority, direction, and control of the Council, the Coordinating Group shall have the following responsibilities:

(A) To prescribe policies and procedures to implement the National Oceanographic Partnership Program.

(B) To review, select, and identify and allocate funds for partnership projects for implementation under the program, based on the following criteria:

(i) Whether the project addresses critical research objectives or operational goals, such as data accessibility and quality assurance, sharing of resources, education, or communication.

(ii) Whether the project has broad participation within the oceanographic community.

(iii) Whether the partners have a long-term commitment to the objectives of the project.

(iv) Whether the resources supporting the project are shared among the partners.

(v) Whether the project has been subjected to adequate peer review.

(C) To promote participation in partnership projects to each Federal department and agency involved with oceanographic research and development by publicizing the program and by prescribing guidelines for participation in the program.

(D) To submit to the Council an annual report pursuant to paragraph (8).

(5) **PARTNERSHIP PROGRAM OFFICE.**—The Coordinating Group shall establish in the National Ocean Service and oversee a partnership program office to carry out such duties as the Chairman of the Coordinating Group considers appropriate to implement the National Oceanographic Partnership Program, including the following:

(A) To establish and oversee working groups to propose partnership projects to the Coordinating Group and advise the Group on such projects.

(B) To manage poor review of partnership projects proposed to the Coordinating Group and competitions for projects selected by the Group.

(C) To submit to the Coordinating Group an annual report on the status of all partnership projects and activities of the office.

(6) **CONTRACT AND GRANT AUTHORITY.**—The Coordinating Group may authorize the National Ocean Service to enter into contracts and make grants, using funds appropriated

pursuant to an authorization for the National Oceanographic Partnership Program, for the purpose of implementing the program and carrying out the Coordinating Group's responsibilities.

(7) **FORMS OF PARTNERSHIP PROJECTS.**—Partnership projects selected by the Coordinating Group may be in any form that the Coordinating Group considers appropriate, including memoranda of understanding demonstration projects, cooperative research and development agreements, and similar instruments.

(8) **ANNUAL REPORT.**—Not later than February 1 of each year, the Coordinating Group shall submit to the Council a report on the National Oceanographic Partnership Program. The report shall contain, at a minimum, copies of any recommendations or reports to the Coordinating Group by the Ocean Research Advisory Panel.

(g) **OCEAN RESEARCH ADVISORY PANEL.**—

(1) **ESTABLISHMENT.**—The Council shall appoint an Ocean Research Advisory Panel (hereinafter in this section referred to as the "Advisory Panel") consisting of not less than 10 and not more than 18 members.

(2) **MEMBERSHIP.**—Members of the Advisory Panel shall be appointed from among persons who are eminent in the fields of marine science or marine policy, or related fields, and who are representative, at a minimum, of the interests of government, academia, and industry.

(3) **RESPONSIBILITIES.**—

(A) **REVIEW OF PARTNERSHIP PROJECTS.**—The Coordinating Group shall refer to the Advisory Panel, and the Advisory Panel shall review, each proposed partnership project estimated to cost more than \$500,000. The Advisory Panel shall make any recommendations to the Coordinating Group that the Advisory Panel considers appropriate regarding such projects.

(B) **OTHER RECOMMENDATIONS.**—The Advisory Panel shall make any recommendations to the Coordinating Group regarding activities that should be addressed by the National Oceanographic Partnership Program that the Advisory Panel considers appropriate.

(4) **INITIAL APPOINTMENTS OF ADVISORY PANEL MEMBERS.**—The Council shall make the appointments to the Advisory Panel by not later than January 1, 1997.

(h) **AUTHORIZATION FOR PROGRAM.**—Of the amount authorized to be appropriated to the Department of Defense in section 201, \$30,000,000 is authorized for the National Oceanographic Partnership Program.

(i) **REQUIRED FUNDING FOR PROGRAM OFFICE.**—Of the amount appropriated for the National Oceanographic Partnership Program for fiscal year 1997, at least \$500,000, or 3 percent of the amount appropriated, whichever is greater, shall be available for operations of the partnership program office established under subsection (f)(5) for such fiscal year.

H.R. 3322

OFFERED BY: MR. BROWN OF CALIFORNIA  
(Amendment in the Nature of a Substitute)

AMENDMENT No. 8: Strike all after the enacting clause and insert in lieu thereof the following:

#### SECTION 1. SHORT TITLE.

This Act may be cited as the "Science and Technology Investment Act of 1996".

#### TITLE I—NATIONAL SCIENCE FOUNDATION

##### SEC. 101. AUTHORIZATION OF APPROPRIATIONS.

There are authorized to be appropriated to the National Science Foundation \$3,325,000,000 for fiscal year 1997, which shall be available for the following categories:

(1) Research and Related Activities, \$2,472,000,000, which shall be available for the following subcategories:

(A) Mathematical and Physical Sciences, \$708,000,000.

(B) Engineering, \$354,300,000.

(C) Biological Sciences, \$326,000,000.

(D) Geosciences, \$454,000,000.

(E) Computer and Information Science and Engineering, \$277,000,000.

(F) Social, Behavioral, and Economic Sciences, \$124,000,000.

(G) United States Polar Research Programs, \$163,400,000.

(H) United States Antarctic Logistical Support Activities, \$62,600,000.

(I) Critical Technologies Institute, \$2,700,000.

(2) Education and Human Resources Activities, \$619,000,000.

(3) Major Research Equipment, \$95,000,000.

(4) Salaries and Expenses, \$129,100,000.

(5) Office of Inspector General, \$4,700,000.

(6) Headquarters Relocation, \$5,200,000.

## **TITLE II—NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

### **SEC. 201. FISCAL YEAR 1997 AUTHORIZATION OF APPROPRIATIONS.**

There are authorized to be appropriated to the National Aeronautics and Space Administration for fiscal year 1997 the following amounts:

(1) For "Human Space Flight" for the following programs:

(A) Space Station, \$1,802,000,000.

(B) United States/Russian Cooperation, \$138,200,000.

(C) Space Shuttle, \$3,150,900,000, including for Construction of Facilities relating to the following programs:

(i) Replacement of LC-39 Pad B Chillers (KSC), \$1,800,000.

(ii) Restoration of Pad B Fixed Support Structure Elevator System (KSC), \$1,500,000.

(iii) Rehabilitation of 480V Electrical Distribution System, Kennedy Space Center, External Tank Manufacturing Building (MAF), \$2,500,000.

(iv) Restoration of High Pressure Industrial Water Plant, Stennis Space Center, \$2,500,000.

(D) Payload and Utilization Operations, \$271,800,000.

(2) For "Science, Aeronautics, and Technology" for the following programs:

(A) Space Science, \$1,857,300,000.

(B) Life and Microgravity Sciences and Applications, \$498,500,000.

(C) Mission to Planet Earth, \$1,402,100,000.

(D) Aeronautical Research and Technology, \$857,800,000, of which \$5,000,000 shall be for the identification and upgrading of national dual-use airbreathing propulsion aeronautical test facilities.

(E) Space Access and Technology, \$725,000,000

(F) Academic Programs, \$100,800,000.

(G) Mission Communication Services, \$420,600,000.

(3) For "Mission Support" for the following programs:

(A) Safety, Reliability, and Quality Assurance, \$36,700,000.

(B) Space Communication Services, \$291,400,000.

(C) Construction of Facilities, including land acquisition, including the following:

(i) Modernization of Electrical Distribution System, Ames Research Center, \$2,400,000.

(ii) Modification of Aircraft Ramp and Tow Way, Dryden Flight Research Center, \$3,000,000.

(iii) Restoration of Hangar Building 4801, Dryden Flight Research Center, \$4,500,000.

(iv) Modernization of Secondary Electrical Systems, Goddard Space Flight Center, \$1,500,000.

(v) Restoration of Chilled Water Distribution System, Goddard Space Flight Center, \$4,000,000.

(vi) Modification of Refrigeration Systems, Various Buildings, Jet Propulsion Laboratory, \$2,800,000.

(vii) Rehabilitation of Electrical Distribution System, White Sands Test Facility, Johnson Space Center, \$2,600,000.

(viii) Rehabilitation of Utility Tunnel Structure and System, Johnson Space Center, \$4,400,000.

(ix) Replacement of DX Units with Central Chilled Water System, Logistics Facility, Kennedy Space Center, \$1,800,000.

(x) Rehabilitation of Central Air Equipment Building, Lewis Research Center, \$6,500,000.

(xi) Modification of Chilled Water System, Marshall Space Flight Center, \$6,700,000.

(xii) Rehabilitation of Condenser Water System, 202/207 Complex (MAF), \$2,100,000.

(xiii) Minor Revitalization of Facilities at Various Locations, not in excess of \$1,500,000 per project, \$57,900,000.

(xiv) Minor construction of new facilities and additions to existing facilities at various locations, not in excess of \$1,500,000 per project, \$3,400,000.

(xv) Facility planning and design, not otherwise provided for, \$18,700,000.

(xvi) Environmental compliance and restoration, \$33,000,000.

(D) Research and Program Management, \$2,078,800,000.

(4) For "Inspector General", \$17,000,000.

### **SEC. 202. NATIONAL AERONAUTICS AND SPACE ACT OF 1958 AMENDMENT.**

Section 102(d)(1) of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2451(d)(1)) is amended by inserting "and its climate and environment," after "knowledge of the Earth".

## **TITLE III—DEPARTMENT OF ENERGY**

### **SEC. 301. SHORT TITLE.**

This title may be cited as the "Energy Research and Development Act of 1996".

### **SEC. 302. FINDINGS.**

The Congress finds that—

(1) Federal support of research and development in general, and energy research and development in particular, has played a key role in the growth of the United States economy since World War II through the production of new knowledge, the development of new technologies and processes, and the demonstration of such new technologies and processes for application to industrial and other uses;

(2) Federal support of energy research and development is especially important because such research and development contributes to solutions for national problems in energy security, environmental protection, and economic competitiveness;

(3) the Department of Energy has successfully promoted new technologies and processes to address problems with energy supply, fossil energy, and energy conservation through its various research and development programs;

(4) while the Federal budget deficit and payments on the national debt must be addressed through cost-cutting measures, investments in research and development on key energy issues must be maintained;

(5) within the last two years, the Department of Energy has made great strides in managing its programs more efficiently and effectively;

(6) significant savings should result from these measures without hampering the Department's core missions; and

(7) the Strategic Realignment Initiative and other such efforts of the Department should be continued.

### **SEC. 303. DEFINITIONS.**

For purposes of this title—

(1) the term "Department" means the Department of Energy; and

(2) the term "Secretary" means the Secretary of Energy.

### **SEC. 304. ENERGY CONSERVATION.**

There are authorized to be appropriated to the Secretary for fiscal year 1997 for energy conservation research, development, and demonstration—

(1) \$99,721,000 for energy conservation in building technology, State, and community sector-nongrant;

(2) \$159,434,000 for energy conservation in the industry sector;

(3) \$221,308,000 for energy conservation in the transportation sector; and

(4) \$28,350,000 for policy and management activities.

### **SEC. 305. FOSSIL ENERGY.**

There are authorized to be appropriated to the Secretary for fiscal year 1997 for fossil energy research, development, and demonstration—

(1) \$102,629,000 for coal;

(2) \$52,537,000 for petroleum;

(3) \$103,708,000 for gas;

(4) \$4,000,000 for the Fossil Energy Cooperative Research and Development Program;

(5) \$2,188,000 for fuel conversion, natural gas, and electricity;

(6) \$60,115,000 for program direction and management;

(7) \$3,304,000 for plant and capital improvements;

(8) \$15,027,000 for environmental restoration; and

(9) \$5,000,000 for mining.

### **SEC. 306. HIGH ENERGY AND NUCLEAR PHYSICS.**

There are authorized to be appropriated to the Secretary for fiscal year 1997 for high energy and nuclear physics activities of the Department—

(1) \$679,125,000 for high energy physics activities;

(2) \$318,425,000 for nuclear physics activities; and

(3) \$11,600,000 for program direction.

### **SEC. 307. SOLAR AND RENEWABLE ENERGY.**

There are authorized to be appropriated to the Secretary for fiscal year 1997 for solar and renewable energy research, development, and demonstration—

(1) \$263,282,000 for solar energy;

(2) \$35,600,000 for geothermal energy;

(3) \$11,012,000 for hydrogen energy;

(4) \$17,301,000 for policy and management;

(5) \$36,050,000 for electric energy systems and storage; and

(6) \$5,700,000 for in-house energy management.

### **SEC. 308. NUCLEAR ENERGY.**

There are authorized to be appropriated to the Secretary for fiscal year 1997 for nuclear energy research, development, and demonstration—

(1) \$137,750,000 for nuclear energy, including \$40,000,000 for the Advanced Light Water Reactor program;

(2) \$79,100,000 for the termination of certain facilities;

(3) \$12,704,000 for isotope support; and

(4) \$18,500,000 for program direction.

### **SEC. 309. ENVIRONMENT, SAFETY, AND HEALTH.**

There are authorized to be appropriated to the Secretary for fiscal year 1997 for research, development, and demonstration—

(1) \$73,160,000 for the Office of Environmental Safety and Health; and

(2) \$39,046,000 for program direction.

### **SEC. 310. ENERGY RESEARCH DIRECTORATE.**

(a) **AUTHORIZATIONS.**—There are authorized to be appropriated to the Secretary for fiscal year 1997—

(1) \$379,075,000 for biological and environmental research activities;

(2) \$255,600,000 for fusion energy research, development, and demonstration;

(3) \$653,675,000 for basic energy sciences activities, of which \$1,000,000 shall be for planning activities for neutron source upgrades; and

(4) \$158,143,000 for computational and technology research.

(b) REPORT TO CONGRESS.—Before May 1, 1997, the Secretary, after consultation with the relevant scientific communities, shall prepare and transmit to the Congress a report detailing a strategic plan for the operation of facilities that are provided funds authorized by subsection (a)(3). The report shall include—

(1) a list of such facilities, including schedules for continuation, upgrade, transfer, or closure of each facility;

(2) a list of proposed facilities to be provided funds authorized by subsection (a)(3), including schedules for the construction and operation of each facility;

(3) a list of research opportunities to be pursued, including both ongoing and proposed activities, by the research activities authorized by subsection (a)(3); and

(4) an analysis of the relevance of each facility listed in paragraphs (1) and (2) to the research opportunities listed in paragraph (3).

#### SEC. 311. SUPPORT PROGRAMS FOR ENERGY SUPPLY RESEARCH AND DEVELOPMENT.

There are authorized to be appropriated to the Secretary for fiscal year 1997 for support programs for Energy Supply Research and Development—

(1) \$2,000,000 for Energy Research Analyses;

(2) \$28,885,000 for the Multi-Program Energy Laboratory program;

(3) \$14,900,000 for the Information Management Investment program;

(4) \$42,154,000 for program direction;

(5) \$19,900,000 for University and Science Education programs;

(6) \$12,000,000 for the Technology Information Management Program; and

(7) \$651,414,000 for Civilian Environmental Restoration and Waste Management.

### TITLE IV—NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

#### SEC. 401. SHORT TITLE.

This title may be cited as the “National Oceanic and Atmospheric Administration Authorization Act of 1996”.

#### SEC. 402. POLICY AND PURPOSE.

It is the policy of the United States and the purpose of this title to—

(1) support and promote continuing the mission of the National Oceanic and Atmospheric Administration to monitor, describe and predict changes in the Earth's environment, protect lives and property, and conserve and manage the Nation's coastal and marine resources to ensure sustainable economic opportunities;

(2) affirm that such mission involves basic responsibilities of the Federal Government for ensuring general public safety, national security, and environmental well-being, and promising economic growth;

(3) affirm that the successful execution of such mission depends strongly on interdependency and synergism among component activities of the National Oceanic and Atmospheric Administration;

(4) recognize that the activities of the National Oceanic and Atmospheric Administration underlie the societal and economic well-being of many sectors of our Nation; and

(5) recognize that such mission is most effectively performed by a single Federal agency with the capability to link societal and economic decisions with a comprehensive understanding of the Earth's environment, as provided for in this title.

#### SEC. 403. NATIONAL WEATHER SERVICE OPERATIONS AND RESEARCH.

There are authorized to be appropriated to the Secretary of Commerce to enable the Na-

tional Oceanic and Atmospheric Administration to carry out the operations and research activities of the National Weather Service \$471,702,000 for fiscal year 1997.

#### SEC. 404. NATIONAL WEATHER SERVICE SYSTEMS ACQUISITION.

(a) AUTHORIZATION.—There are authorized to be appropriated to the Secretary of Commerce to enable the National Oceanic and Atmospheric Administration to improve its public warning and forecast systems \$68,984,000 for fiscal year 1997. None of the funds authorized under this section may be used for the purposes for which funds are authorized under section 102(b) of the National Oceanic and Atmospheric Administration Authorization Act of 1992 (Public Law 102-567).

(b) AWIPS COMPLETE PROGRAM AUTHORIZATION.—(1) Except as provided in paragraph (2), there are authorized to be appropriated to the Secretary for all fiscal years beginning after September 30, 1996, an aggregate of \$271,166,000, to remain available until expended, to complete the acquisition and deployment of the Advanced Weather Interactive Processing System and NOAA Port and to cover all associated activities, including program management and operations and maintenance through September 30, 1999.

(2) No funds are authorized to be appropriated for any fiscal year under paragraph (1) unless, within 60 days after the submission of the President's budget request for such fiscal year, the Secretary—

(A) certifies to the Congress that—

(i) the systems meet the technical performance specifications included in the system contract as in effect on August 11, 1995;

(ii) the systems can be fully deployed, sited, and operational without requiring further appropriations beyond amounts authorized under paragraph (1); and

(iii) the Secretary does not foresee any delays in the systems deployment and operations schedule; or

(B) submits to the Congress a report which describes—

(i) the circumstances which prevent a certification under subparagraph (A);

(ii) remedial actions undertaken or to be undertaken with respect to such circumstances;

(iii) the effects of such circumstances on the systems deployment and operations schedule and systems coverage; and

(iv) a justification for proceeding with the program, if appropriate.

(c) REPEAL.—Section 102(b)(2) of the National Oceanic and Atmospheric Administration Authorization Act of 1992 is repealed.

#### SEC. 405. WEATHER SERVICE MODERNIZATION.

(a) WEATHER SERVICE MODERNIZATION.—The Weather Service Modernization Act (15 U.S.C. 313 note) is amended—

(1) in section 706—

(A) by amending subsection (b) to read as follows:

“(b) CERTIFICATION.—The Secretary may not close, consolidate, automate, or relocate any field office unless the Secretary has certified to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science of the House of Representatives that such action will not result in degradation of services to the affected area. Such certification shall be in accordance with the modernization criteria established under section 704.”;

(B) by striking subsections (c), (d), and (e);

(C) by redesignating subsection (f) as subsection (d); and

(D) by inserting after subsection (b) the following new subsection:

“(c) SPECIAL CIRCUMSTANCES.—The Secretary may not close or relocate any field office which is located at an airport, unless the

Secretary, in consultation with the Secretary of Transportation and the Committee, first conducts an air safety appraisal, determines that such action will not result in degradation of service that affects aircraft safety, and includes such determination in the certification required under subsection (b). This air safety appraisal shall be issued jointly by the Department of Commerce and the Department of Transportation before September 30, 1996, and shall be based on a coordinated review of all the airports in the United States subject to the certification requirements of subsection (b). The appraisal shall—

“(1) consider the weather information required to safely conduct aircraft operations and the extent to which such information is currently derived through manual observations provided by the National Weather Service and the Federal Aviation Administration, and automated observations provided from other sources including the Automated Weather Observation Service (AWOS), the Automated Surface Observing System (ASOS), and the Geostationary Operational Environmental Satellite (GOES); and

“(2) determine whether the service provided by ASOS, and ASOS augmented where necessary by human observations, provides the necessary level of service consistent with the service standards encompassed in the criteria for automation of the field offices.”; and

(2) in section 707—

(A) by amending subsection (c) to read as follows:

“(c) DUTIES.—The Committee shall advise the Congress and the Secretary on—

“(1) the implementation of the Strategic Plan, annual development of the Plan, and establishment and implementation of modernization criteria; and

“(2) matters of public safety and the provision of weather services which relate to the comprehensive modernization of the National Weather Service.”; and

(B) by amending subsection (f) to read as follows:

“(f) TERMINATION.—The Committee shall terminate—

“(1) on September 30, 1996; or

“(2) 90 days after the deadline for public comment on the modernization criteria for closure certification published in the Federal Register pursuant to section 704(b)(2), whichever occurs later.”.

(b) SENSE OF CONGRESS REGARDING ADDITIONAL MODERNIZATION ACTIVITIES.—It is the sense of Congress that the Secretary of Commerce should plan for the implementation of a follow-on modernization program aimed at improving weather services provided to areas which do not receive weather radar coverage at 10,000 feet. In carrying out such a program, the Secretary should plan for a procurement of Block II NEXRAD radar units.

#### SEC. 406. BASIC FUNCTIONS AND PRIVATIZATION OF NATIONAL WEATHER SERVICE.

(a) BASIC FUNCTIONS.—The basic functions of the National Weather Service shall be—

(1) the provision of forecasts and warnings including forecasts and warnings, of severe weather, flooding, hurricanes, and tsunami events;

(2) the collection, exchange, and distribution of meteorological, hydrologic, climatic, and oceanographic data and information; and

(3) the preparation of hydrometeorological guidance and core forecast information.

(b) PROHIBITION.—The National Weather Service shall not provide any new or enhanced weather services for the sole benefit of an identifiable private entity or group of such entities operating in any sector of the national or international economy in competition with the private weather service industry.

(c) **NEW OR ENHANCED SERVICE.**—If the Secretary determines, after consultation with appropriate Federal and State officials, that a new or enhanced weather service is necessary and in the public interest to fulfill the international obligations of the United States, to enable State or Federal emergency or resource managers to better perform their State or Federal duties, or to carry out the functions of the National Weather Service described in subsection (a), the National Weather Service may provide such new or enhanced service as one of its basic functions if—

(1) each new or enhanced service provided by the National Weather Service will be limited to the level that the Secretary determines necessary to fulfill the requirements of this subsection, taking into account the capabilities and limitations of resources available, scientific knowledge, and technological capability of the National Weather Service; and

(2) upon request, the National Weather Service will promptly make available to any person the data or data products supporting the new or enhanced service provided pursuant to this section, at a cost not greater than that sufficient to recover the cost of dissemination.

(d) **FEDERAL REGISTER.**—The Secretary shall promptly publish in the Federal Register each determination made under subsection (c).

(e) **PRIVATIZATION REVIEW.**—The Secretary shall, by February 15, 1997, conduct a review of all existing weather services and activities performed by the National Oceanic and Atmospheric Administration in order to identify those activities which may be transferred to the private sector. Such review shall include a determination that activities identified for privatization will continue to be disseminated to users on a reasonably affordable basis with no degradation of service. The Secretary shall, by March 15, 1997, provide to the Speaker of the House of Representatives and the President of the Senate a plan for transferring these identified services to the private sector.

#### **SEC. 407. CLIMATE AND AIR QUALITY RESEARCH.**

(a) **AUTHORIZATION.**—There are authorized to be appropriated to the Secretary of Commerce to enable the National Oceanic and Atmospheric Administration to carry out its climate and air quality research activities \$122,681,000 for fiscal year 1997.

(b) **GLOBE.**—Of the amount authorized in subsection (a), \$7,000,000 are authorized for fiscal year 1997 for a program to increase scientific understanding of the Earth and student achievement in math and science by using a worldwide network of schools to collect environmental observations. Beginning in fiscal year 1997, amounts appropriated for such program may be obligated only to the extent that an equal or greater amount of non-Federal funding is provided for such program.

#### **SEC. 408. ATMOSPHERIC RESEARCH.**

There are authorized to be appropriated to the Secretary of Commerce to enable the National Oceanic and Atmospheric Administration to carry out its atmospheric research activities \$43,766,000 for fiscal year 1997.

#### **SEC. 409. SATELLITE OBSERVING AND ENVIRONMENTAL DATA MANAGEMENT SYSTEMS.**

(a) **AUTHORIZATION.**—There are authorized to be appropriated to the Secretary of Commerce to enable the National Oceanic and Atmospheric Administration to carry out its satellite observing systems activities and data and information services, \$348,740,000 for fiscal year 1997, and, in addition, such sums as may be necessary to continue planning and development of a converged polar orbit-

ing meteorological satellite program. None of the funds authorized in this subsection may be used for the purposes for which funds are authorized under section 105(d) of the National Oceanic and Atmospheric Administration Act of 1992 (Public Law 102-567).

(b) **REPEAL.**—Section 105(d)(2) of the National Oceanic and Atmospheric Administration Authorization Act of 1992 is repealed.

#### **SEC. 410. PROGRAM SUPPORT.**

(a) **EXECUTIVE DIRECTION AND ADMINISTRATIVE ACTIVITIES.**—There are authorized to be appropriated to the Secretary of Commerce to enable the National Oceanic and Atmospheric Administration to carry out executive direction and administrative activities, including management, administrative support, provision of retired pay of National Oceanic and Atmospheric Administration commissioned officers, and policy development, \$64,694,000 for fiscal year 1997.

(b) **ACQUISITION, CONSTRUCTION, MAINTENANCE, AND OPERATION OF FACILITIES.**—There are authorized to be appropriated to the Secretary of Commerce for acquisition, construction, maintenance, and operation of facilities of the National Oceanic and Atmospheric Administration \$37,366,000 for fiscal year 1997.

(c) **AIRCRAFT SERVICES.**—There are authorized to be appropriated to the Secretary of Commerce to enable the National Oceanic and Atmospheric Administration to carry out aircraft services activities, including aircraft operations, maintenance, and support, \$10,182,000 for fiscal year 1997.

#### **SEC. 411. EDUCATIONAL PROGRAMS AND ACTIVITIES.**

The Secretary of Commerce may conduct educational programs and activities related to the responsibilities of the National Oceanic and Atmospheric Administration. For the purposes of this section, the Secretary may award grants and enter into cooperative agreements and contracts with States, private sector, and nonprofit entities.

### **TITLE V—ENVIRONMENTAL PROTECTION AGENCY**

#### **SEC. 501. SHORT TITLE.**

This title may be cited as the "Environmental Research, Development, and Demonstration Authorization Act of 1996".

#### **SEC. 502. DEFINITIONS.**

For the purposes of this title, the term—

(1) "Administrator" means the Administrator of the Environmental Protection Agency;

(2) "Agency" means the Environmental Protection Agency; and

(3) "Assistant Administrator" means the Assistant Administrator for Research and Development of the Agency.

#### **SEC. 503. AUTHORIZATION OF APPROPRIATIONS.**

(a) **IN GENERAL.**—There are authorized to be appropriated to the Administrator \$580,460,000 for fiscal year 1997 for the Office of Research and Development for environmental research, development, and demonstration activities, including program management and support, in the areas specified in subsection (b).

(b) **SPECIFIC PROGRAMS AND ACTIVITIES.**—Of the amount authorized in subsection (a), there are authorized to be appropriated the following:

(1) For air related research, \$88,163,200.

(2) For water quality related research, \$26,293,800.

(3) For drinking water related research, \$26,593,700.

(4) For pesticide related research, \$20,632,000.

(5) For toxic chemical related research, \$12,341,500.

(6) For research related to hazardous waste, \$10,343,900.

(7) For multimedia related research expenses, \$300,837,000.

(8) For program management expenses, \$8,184,700.

(9) For research related to leaking underground storage tanks, \$681,000.

(10) For oil pollution related research, \$1,031,000.

(11) For environmental research laboratories, \$85,358,200.

(c) **CONTINGENT AUTHORIZATION FOR RESEARCH RELATING TO THE CLEANUP OF CONTAMINATED SITES.**—To the extent that the Hazardous Substances Trust Fund is authorized to receive funds during fiscal year 1997, there are authorized to be appropriated for that fiscal year \$42,508,000 from such Fund to the Administrator for research relating to the cleanup of contaminated sites.

### **TITLE VI—TECHNOLOGY**

#### **SEC. 601. SHORT TITLE.**

This title may be cited as the "Technology Administration Authorization Act of 1996".

#### **SEC. 602. AUTHORIZATION OF APPROPRIATIONS.**

(a) **UNDER SECRETARY FOR TECHNOLOGY.**—There are authorized to be appropriated to the Secretary of Commerce for the activities of the Under Secretary for Technology/Office of Technology Policy \$9,531,000 for fiscal year 1997.

(b) **NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.**—There are authorized to be appropriated to the Secretary of Commerce for the National Institute of Standards and Technology for fiscal year 1997 the following amounts:

(1) For Industrial Technology Services, \$450,000,000, of which—

(A) \$345,000,000 shall be for the Advanced Technology Program under section 28 of the National Institute of Standards and Technology Act (15 U.S.C. 278n); and

(B) \$105,000,000 shall be for the Manufacturing Extension Partnerships program under sections 25 and 26 of the National Institute of Standards and Technology Act (15 U.S.C. 278k and 278l).

(2) For Scientific and Technical Research and Services, \$270,744,000, of which—

(A) \$267,764,000 shall be for Laboratory Research and Services; and

(B) \$2,980,000 shall be for the Malcolm Baldrige National Quality Award program under section 17 of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3711a).

(3) For Construction of Research Facilities, \$105,240,000.

#### **SEC. 603. NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY ACT AMENDMENTS.**

The National Institute of Standards and Technology Act (15 U.S.C. 271 et seq.) is amended—

(1) in section 25(c)—

(A) by striking "for a period not to exceed six years" in paragraph (1); and

(B) by striking "which are designed" and all that follows through "operation of a Center" in paragraph (5) and inserting in lieu thereof "to a maximum of 1/3 Federal funding. Each Center which receives financial assistance under this section shall be evaluated during its sixth year of operations, and at least once each two years thereafter as the Secretary considers appropriate, by an evaluation panel appointed by the Secretary in the same manner as was the evaluation panel previously appointed. The Secretary shall not provide funding for additional years of the Center's operation unless the most recent evaluation is positive and the Secretary finds that continuation of funding furthers the purposes of this section"; and

(2) in section 28—

(A) by striking "or contracts" in subsection (b)(1)(B), and inserting in lieu thereof

"contracts, and, subject to the last sentence of this subsection, other transactions";

(B) by inserting "and if the non-Federal participants in the joint venture agree to pay at least 50 percent of the total costs of the joint venture during the Federal participation period, which shall not exceed 5 years," after "participation to be appropriate,";

(C) by striking "provision of a minority share of the cost of such joint ventures for up to 5 years, and (iii)" in subsection (b)(1)(B), and inserting in lieu thereof "and";

(D) by striking "and cooperative agreements" in subsection (b)(2), and inserting in lieu thereof ", cooperative agreements, and, subject to the last sentence of this subsection, other transactions";

(E) by adding after subsection (b)(4) the following:

"The authority under paragraph (1)(B) and paragraph (2) to enter into other transactions shall apply only if the Secretary, acting through the Director, determines that standard contracts, grants, or cooperative agreements are not feasible or appropriate, and only when other transaction instruments incorporate terms and conditions that reflect the use of generally accepted commercial accounting and auditing practices."; and

(F) by adding at the end the following new subsection:

"(k) Notwithstanding subsection (b)(1)(B)(ii) and subsection (d)(3), the Director may grant extensions beyond the deadlines established under those subsections for joint venture and single applicant awardees to expend Federal funds to complete their projects, if such extension may be granted with no additional cost to the Federal Government and it is in the Federal Government's interest to do so.".

#### **TITLE VII—UNITED STATES FIRE ADMINISTRATION**

##### **SEC. 701. SHORT TITLE.**

This title may be cited as the "Fire Administration Authorization Act of 1996".

##### **SEC. 702. AUTHORIZATION OF APPROPRIATIONS.**

Section 17(g)(1) of the Federal Fire Prevention and Control Act of 1974 (15 U.S.C. 2216(a)(1)) is amended—

(1) by striking "and" at the end of subparagraph (E);

(2) by striking the period at the end of subparagraph (F) and inserting in lieu thereof "; and"; and

(3) by adding at the end the following new subparagraph:

"(G) \$27,560,000 for the fiscal year ending September 30, 1997.".

#### **TITLE VIII—FEDERAL AVIATION ADMINISTRATION RESEARCH, ENGINEERING, AND DEVELOPMENT**

##### **SEC. 801. AVIATION RESEARCH AUTHORIZATION.**

Section 48102(a) of title 49, United States Code, is amended—

(1) by striking "Not more than the following amounts" and inserting in lieu thereof "For fiscal year 1997, not more than \$195,700,000 for Research, Engineering, and Development";

(2) by inserting "40119, 44912," after "carry out sections"; and

(3) by striking "of this title" and all that follows through the end of the subsection and inserting in lieu thereof "of this title".

##### **SEC. 802. RESEARCH PRIORITIES.**

Section 48102(b) of title 49, United States Code, is amended—

(1) by redesignating paragraph (2) as paragraph (3); and

(2) by striking "AVAILABILITY FOR RESEARCH.—(1)" and inserting in lieu thereof "RESEARCH PRIORITIES.—(1) The Administrator shall consider the advice and rec-

ommendations of the research advisory committee established by section 44508 of this title in establishing priorities among major categories of research and development activities carried out by the Federal Aviation Administration.

"(2)".

##### **SEC. 803. RESEARCH ADVISORY COMMITTEE.**

Section 44508(a)(1) of title 49, United States Code, is amended—

(1) by striking "and" at the end of subparagraph (B);

(2) by striking the period at the end of subparagraph (C) and inserting in lieu thereof "; and"; and

(3) by inserting after subparagraph (C) the following new subparagraph:

"(D) annually review the allocation made by the Administrator of the amounts authorized by section 48102(a) of this title among the major categories of research and development activities carried out by the Administration and provide advice and recommendations to the Administrator on whether such allocation is appropriate to meet the needs and objectives identified under subparagraph (A)."

##### **SEC. 804. NATIONAL AVIATION RESEARCH PLAN.**

Section 44501(c) of title 49, United States Code, is amended—

(1) in paragraph (2)(A) by striking "15-year" and inserting in lieu thereof "5-year";

(2) by amending subparagraph (B) to read as follows:

"(B) The plan shall—

"(i) provide estimates by year of the schedule, cost, and work force levels for each active and planned major research and development project under sections 40119, 44504, 44505, 44507, 44509, 44511-44513, and 44912 of this title, including activities carried out under cooperative agreements with other Federal departments and agencies;

"(ii) specify the goals and the priorities for allocation of resources among the major categories of research and development activities, including the rationale for the priorities identified;

"(iii) identify the allocation of resources among long-term research, near-term research, and development activities; and

"(iv) highlight the research and development activities that address specific recommendations of the research advisory committee established under section 44508 of this title, and document the recommendations of the committee that are not accepted, specifying the reasons for nonacceptance."; and

(3) in paragraph (3) by inserting ", including a description of the dissemination to the private sector of research results and a description of any new technologies developed" after "during the prior fiscal year".

#### **TITLE IX—NATIONAL EARTHQUAKE HAZARDS REDUCTION PROGRAM**

##### **SEC. 901. AUTHORIZATION OF APPROPRIATIONS.**

Section 12 of the Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7706) is amended—

(1) in subsection (a)(7) by striking "and \$25,750,000 for the fiscal year ending September 30, 1996" and inserting in lieu thereof "\$25,750,000 for the fiscal year ending September 30, 1996, and \$18,825,000 for the fiscal year ending September 30, 1997";

(2) in subsection (b) by striking "and \$50,676,000 for the fiscal year ending September 30, 1996" and inserting in lieu thereof "\$50,676,000 for the fiscal year ending September 30, 1996, and \$46,130,000 for the fiscal year ending September 30, 1997";

(3) in subsection (c) by adding at the end the following new sentence: "There are authorized to be appropriated, out of funds otherwise authorized to be appropriated to the National Science Foundation, \$28,400,000 for fiscal year 1997, including \$17,500,000 for engi-

neering research and \$10,900,000 for geosciences research.";

(4) in subsection (d) by adding at the end the following new sentence: "There are authorized to be appropriated, out of funds otherwise authorized to be appropriated to the National Institute of Standards and Technology, \$1,932,000 for fiscal year 1997.".

H.R. 3322

OFFERED BY: MR. BROWN OF CALIFORNIA

AMENDMENT No. 9: Page 83, line 1, strike "\$445,668,000" and insert in lieu thereof "\$471,672,000".

H.R. 3322

OFFERED BY: MR. BROWN OF CALIFORNIA

AMENDMENT No. 10: Page 83, line 1, strike "\$445,668,000" and insert in lieu thereof "\$471,672,000".

Page 89, line 5, strike "\$147,664,000" and insert in lieu thereof "\$108,164,000".

Page 89, lines 20 through 22, strike "Of the sums" and all that follows through "\$39,500,000" and insert in lieu thereof "In addition to the sums authorized in subsection (a), there are authorized such sums as may be appropriated".

H.R. 3322

OFFERED BY: MR. GEKAS

AMENDMENT No. 11: Page 87, after line 21, insert the following new subsection:

(h) REPORT.—Section 704 of the Weather Service Modernization Act (15 U.S.C. 313 note) is amended by adding at the end the following new subsection:

"(c) REPORT.—The National Weather Service shall conduct a review of the NEXRAD Network radar coverage pattern for a determination of areas of inadequate radar coverage. After conducting such review, the National Weather Service shall prepare and submit to the Congress, no later than 1 year after the date of the enactment of the Omnibus Civilian Science Authorization Act of 1996, a report which—

"(1) assesses the feasibility of existing and future Federal Aviation Administration Radars to provide reliable weather radar data, in a cost-efficient manner, to nearby weather forecast offices; and

"(2) makes recommendations for the implementation of the findings of the report.".

H.R. 3322

OFFERED BY: MS. JACKSON-LEE

AMENDMENT No. 12: Page 26, line 12, strike "\$42,167,400,000" and insert in lieu thereof "\$2,085,900,000".

Page 30, line 11, strike "\$1,957,850,000" and insert in lieu thereof "\$2,039,350,000".

H.R. 3322

OFFERED BY: MS. JACKSON-LEE

AMENDMENT No. 13: Page 30, line 11, strike "\$1,957,850,000" and insert in lieu thereof "\$2,039,350,000".

H.R. 3322

OFFERED BY: MS. LOFGREN

AMENDMENT No. 14: Page 7, line 6, strike "\$120,000,000" and insert in lieu thereof "\$129,100,000".

Page 7, line 9 through 16, strike subsection (c).

Page 19, lines 13 through 23, amend section 130 to read as follows:

##### **SEC. 130. REORGANIZATION.**

(a) PLAN.—The Director shall carry out a review and analysis of the organizational structure of the National Science Foundation for the purpose of developing a plan for reorganization that will result in reduced administrative costs, while maintaining the quality and effectiveness of the Foundation's programs. The plan shall include one or more options for reorganization of the Foundation, and one option shall be an organizational structure having fewer than 7 directorates.

(b) REPORT.—By February 15, 1997, the Director shall transmit to the Congress a report containing the plan required by subsection (a). The report shall document the advantages and disadvantages of each option included in the plan, provide an estimate of cost savings for each option, and designate the Director's preferred option.

Amend the table of contents accordingly.

H.R. 3322

OFFERED BY: MS. LOFGREN

AMENDMENT No. 15: Page 118, line 17, strike paragraph (2).

Page 118, line 18, through page 119, line 12, redesignate paragraphs (3) through (11) as paragraphs (2) through (10), respectively.

H.R. 3322

OFFERED BY: MR. ROEMER

AMENDMENT No. 16: Page 24, line 20, insert "and" after "Administration;"

Page 24, lines 21 through 24, strike paragraph (2).

Page 25, line 1, redesignate paragraph (3) as paragraph (2).

Page 25, line 12, strike paragraph (1).

Page 25, lines 13 and 15, and page 26, lines 4 and 6, redesignate paragraphs (2) through (5) as paragraphs (1) through (4), respectively.

Page 26, line 14, strike "\$498,500,000" and insert in lieu thereof "\$230,700,000".

Page 27, line 4, strike "\$711,000,000" and insert in lieu thereof "\$679,400,000".

Page 38, line 14, through page 43, line 6, strike subtitle C.

Page 43, line 7, redesignate subtitle D as subtitle C.

Amend the table of contents accordingly.

H.R. 3322

OFFERED BY: MR. ROEMER

AMENDMENT No. 17: Page 25, line 12, strike "\$1,840,200,000" and insert in lieu thereof "\$1,740,200,000".

H.R. 3322

OFFERED BY: MR. ROEMER

AMENDMENT No. 18: Page 137, after line 4, insert the following new title:

#### TITLE X—ENDOCRINE DISRUPTER RESEARCH PLANNING

##### SEC. 1001. SHORT TITLE.

This title may be cited as the "Endocrine Disrupter Research Planning Act of 1996".

##### SEC. 1002. FINDINGS.

The Congress finds that—

(1) recent reports in the media have focused public attention on a possible link between exposure to chemicals that may mimic hormones and may have adverse biological effects in humans and wildlife, including carcinogenic, reproductive, neurological, and immunological effects, now commonly referred to as endocrine disrupters;

(2) given the significant scientific uncertainties concerning the effects of such endocrine disrupters on humans and wildlife, it cannot at this time be concluded whether or not endocrine disrupters constitute a significant threat to human health or the environment;

(3) neither a conclusion that potentially costly regulation is immediately needed, nor a conclusion that the risks are insignificant or exaggerated, is warranted on the present state of scientific knowledge;

(4) additional research is needed to more accurately characterize the risks of endocrine disrupters;

(5) risk assessment principles should be used to guide the development of a coordinated research plan to ensure that research results are relevant and adequate to guide future public policy decisions;

(6) research carried out by the Federal Government should be done in a planned and

coordinated manner to ensure that limited resources are spent efficiently and that critical information gaps are filled as quickly as possible; and

(7) researchers from academia, industry, and Federal laboratories should coordinate efforts to prioritize research topics, identify capital needs, and, in general, develop a comprehensive research plan to address important scientific and policy questions surrounding the potential effects of such chemicals.

##### SEC. 1003. RESEARCH PLANNING REPORT.

(a) RESEARCH PLANNING REPORT.—The Administrator of the Environmental Protection Agency, in coordination with other Federal agencies with scientific expertise in areas relevant to assessing the human health and ecological risks of endocrine disrupters, shall submit to Congress, along with the President's Budget Request for fiscal year 1998, a plan for conducting additional research needed to assess and characterize the risk of endocrine disrupters on human health and the environment.

(b) CONTENTS.—The plan submitted under this section shall include—

(1) the role of each participating agency in the research plan and the resources required by each agency to carry out the research plan, including human and capital resources needed to ensure that agencies have appropriate expertise, facilities, and analytical capabilities to meet the goals of the research plan;

(2) the mechanisms by which each agency will carry out research, including the use of Federal laboratory facilities, extramural grants and contracts, cooperative research and development agreements with universities, research centers, and the private sector, and mechanisms to avoid duplication of effort and for appropriate peer review;

(3) specific research strategies and timelines for addressing the critical information gaps with respect to hazard identification, dose-response assessment, and exposure assessment; and

(4) an assessment of the current state of scientific knowledge concerning the human and ecological effects of endocrine disrupters including identification of scientific uncertainties unlikely to be capable of significant resolution in the near term, and the opportunity for public comment.

(c) SENSE OF CONGRESS.—It is the sense of Congress that all budget requests for endocrine disrupter research beginning in fiscal year 1998 should be consistent with the research plan submitted pursuant to this section. To avoid duplication and unnecessary expenditures.

H.R. 3322

OFFERED BY: MR. SCOTT

AMENDMENT No. 19: Page 27, line 14, strike "\$823,400,000" and insert in lieu thereof "\$857,800,000".

Page 27, line 19, strike "\$152,800,000" and insert in lieu thereof "\$187,200,000".

H.R. 3322

OFFERED BY: MR. SOLOMON

AMENDMENT No. 20: Page 137, after line 4, insert the following new sections:

##### SEC. 904. ROTC ACCESS TO CAMPUSES

(a) DENIAL OF GRANTS AND CONTRACTS.—(1) No funds appropriated for civilian science activities of the Federal Government may be provided by contract or by grant (including a grant of funds to be available for student aid) to any institution of higher education that, as determined by the agency to which the funds were appropriated, in consultation with other appropriate Federal agencies, has an anti-ROTC policy.

(2) In the case of an institution of higher education that is ineligible for grants and

contracts by reason of paragraph (1), the prohibition under that paragraph shall cease to apply to that institution upon a determination by the agency to which the funds were appropriated, in consultation with other appropriate Federal agencies, that the institution no longer has an anti-ROTC policy.

(b) NOTICE OF DETERMINATION.—Whenever an agency makes a determination under subsection (a) that an institution has an anti-ROTC policy, or that an institution previously determined to have an anti-ROTC policy no longer has such a policy, the agency—

(1) shall transmit notice of that determination to the Secretary of Education and the Congress; and

(2) shall publish in the Federal Register notice of that determination and of the effect of that determination under subsection (a) on the eligibility of that institution for grants and contracts.

(c) SEMIANNUAL NOTICE IN FEDERAL REGISTER.—Each agency shall publish in the Federal Register once every six months a list of each institution of higher education that is currently ineligible for grants and contracts by reason of a determination of the agency under subsection (a).

(d) ANTI-ROTC POLICY.—In this section, the term "anti-ROTC policy" means a policy or practice of an institution of higher education that—

(1) prohibits, or in effect prevents, the maintaining or establishing of a unit of the Senior Reserve Officer Training Corps at that institution; or

(2) prohibits, or in effect prevents, a student at that institution from enrolling in a unit of the Senior Reserve Officer Training Corps at another institution of higher education.

##### SEC. 905. RECRUITING ON CAMPUS.

(a) DENIAL OF FUNDS.—(1) No funds appropriated for civilian science activities of the Federal Government may be provided by grant or contract (including a grant of funds to be available for student aid) to any institution of higher education that, as determined by the agency to which the funds were appropriated, in consultation with other appropriate Federal agencies, has a policy of denying, or which effectively prevents—

(A) entry to campuses or access to students on campuses; or

(B) access to directory information pertaining to students,

for purposes of military recruiting.

(2) In the case of an institution of higher education that is ineligible for grants and contracts by reason of paragraph (1), the prohibition under that paragraph shall cease to apply to that institution upon a determination by the agency to which the funds were appropriated, in consultation with other appropriate Federal agencies, that the institution no longer has a policy described in paragraph (1).

(3) Students referred to in paragraph (1) are individuals who are 17 years of age or older.

(b) NOTICE OF DETERMINATION.—Whenever an agency makes a determination under subsection (a) that an institution has a policy described in subsection (a), or that an institution previously determined to have such a policy no longer has such a policy, the agency—

(1) shall transmit notice of that determination to the Secretary of Education and the Congress; and

(2) shall publish in the Federal Register notice of that determination and of the effect of that determination under subsection (a) on the eligibility of that institution for grants and contracts.

(c) SEMIANNUAL NOTICE IN FEDERAL REGISTER.—Each agency shall publish in the



Federal Register once every six months a list of each institution of higher education that is currently ineligible for grants and contracts by reason of a determination of the agency under subsection (a).

(d) DEFINITION.—For purposes of this section, the term "directory information" means, with respect to a student, the student's name, address, telephone listing, date and place of birth, level of education, degrees received, and the most recent previous educational institution enrolled in by the student.

Amend the table of contents accordingly.

H.R. 3322

OFFERED BY: MR. SOLOMON

AMENDMENT No. 21: Page 137, after line 4, insert the following new sections:

**SEC. 904. ROTC ACCESS TO CAMPUSES.**

(a) DENIAL OF GRANTS AND CONTRACTS.—(1) No funds appropriated for civilian science activities of the Federal Government may be provided by contract or by grant (including a grant of funds to be available for student aid) to any institution of higher education that, as determined by the Secretary of Defense, has an anti-ROTC policy and at which, as determined by the Secretary, the Secretary would otherwise maintain or seek to establish a unit of the Senior Reserve Officer Training Corps or at which the Secretary would otherwise enroll or seek to enroll students for participation in a unit of the Senior Reserve Officer Training Corps at another nearby institution of higher education.

(2) In the case of an institution of higher education that is ineligible for grants and contracts by reason of paragraph (1), the prohibition under that paragraph shall cease to apply to that institution upon a determination by the Secretary of Defense that the institution no longer has an anti-ROTC policy.

(b) NOTICE OF DETERMINATION.—Whenever the Secretary of Defense makes a determination under subsection (a) that an institution has an anti-ROTC policy, or that an institution previously determined to have an anti-ROTC policy no longer has such a policy, the Secretary—

(1) shall transmit notice of that determination to the Secretary of Education and to the Committee on Armed Services of the Senate and the Committee on National Security of the House of Representatives; and

(2) shall publish in the Federal Register notice of that determination and of the effect of that determination under subsection (a) on the eligibility of that institution for grants and contracts.

(c) SEMIANNUAL NOTICE IN FEDERAL REGISTER.—The Secretary of Defense shall publish in the Federal Register once every six months a list of each institution of higher education that is currently ineligible for grants and contracts by reason of a determination of the Secretary under subsection (a).

(d) ANTI-ROTC POLICY.—In this section, the term "anti-ROTC policy" means a policy or practice of an institution of higher education that—

(1) prohibits, or in effect prevents, the Secretary of Defense from maintaining or establishing a unit of the Senior Reserve Officer Training Corps at that institution, or

(2) prohibits, or in effect prevents, a student at that institution from enrolling in a unit of the Senior Reserve Officer Training Corps at another institution of higher education.

**SEC. 905. MILITARY RECRUITING ON CAMPUS.**

(a) DENIAL OF FUNDS.—(1) No funds appropriated for civilian science activities of the Federal Government may be provided by grant or contract (including a grant of funds to be available for student aid) to any institution of higher education that, as determined by the Secretary of Defense, has a policy of denying, or which effectively prevents, the Secretary of Defense from obtaining for military recruiting purposes—

(A) entry to campuses or access to students on campuses; or

(B) access to directory information pertaining to students.

(2) In the case of an institution of higher education that is ineligible for grants and contracts by reason of paragraph (1), the prohibition under that paragraph shall cease to apply to that institution upon a determination by the Secretary of Defense that the institution no longer has a policy described in paragraph (1).

(3) Students referred to in paragraph (1) are individuals who are 17 years of age or older.

(b) PROCEDURES FOR DETERMINATION.—The Secretary of Defense, in consultation with the Secretary of Education, shall prescribe regulations that contain procedures for determining if and when an educational institution has denied or prevented access to students or information described in subsection (a).

(c) NOTICE OF DETERMINATION.—Whenever the Secretary of Defense makes a determination under subsection (a) that an institution has a policy described in subsection (a), or

that an institution previously determined to have such a policy no longer has such a policy, the Secretary—

(1) shall transmit notice of that determination to the Secretary of Education and to the Committee on Armed Services of the Senate and the Committee on National Security of the House of Representatives; and

(2) shall publish in the Federal Register notice of that determination and of the effect of that determination under subsection (a) on the eligibility of that institution for grants and contracts.

(d) SEMIANNUAL NOTICE IN FEDERAL REGISTER.—The Secretary of Defense shall publish in the Federal Register once every six months a list of each institution of higher education that is currently ineligible for grants and contracts by reason of a determination of the Secretary under subsection (a).

(e) DEFINITION.—For purposes of this section, the term "directory information" means, with respect to a student, the student's name, address, telephone listing, date and place of birth, level of education, degrees received, and the most recent previous educational institution enrolled in by the student.

Amend the table of contents accordingly.

H.R. 3322

OFFERED BY: MR. TRAFICANT

AMENDMENT No. 22: Page 137, after line 4, insert the following new section:

**SEC. 904. BUY AMERICAN.**

(a) SENSE OF CONGRESS.—It is the sense of Congress that any recipient of a grant under this Act, or under any amendment made by this Act, should purchase, when available and cost-effective, American made equipment and products when expending grant monies.

(b) NOTICE TO RECIPIENTS OF ASSISTANCE.—In allocating grants under this Act, or under any amendment made by this Act, the Secretary shall provide to each recipient a notice describing the statement made in subsection (a) by the Congress.

Amend the table of contents accordingly.

H.R. 3322

OFFERED BY: MR. WAMP

AMENDMENT No. 23: Page 83, line 1, strike "\$445,668,000" and insert in lieu thereof "\$459,048,000".