

**PRIOR PROVISIONS**

A prior section 326 of act July 14, 1955, was renumbered section 325 by Pub. L. 96-300 and is classified to section 7625a of this title.

Provisions similar to those comprising this section were contained in section 1857l of this title, act July 14, 1955, ch. 360, title III, § 316, formerly § 13, as added Dec. 17, 1963, Pub. L. 88-206, § 1, 77 Stat. 401, renumbered § 306 and amended Oct. 20, 1965, Pub. L. 89-272, title I, § 101(4), (6), (7), 79 Stat. 992; Oct. 15, 1966, Pub. L. 89-675, § 2(a), 80 Stat. 954, renumbered § 309 and amended Nov. 21, 1967, Pub. L. 90-148, § 2, 81 Stat. 506, and renumbered § 316 and amended Dec. 31, 1970, Pub. L. 91-604, §§ 12(a), 13(b), 84 Stat. 1705, 1709; Apr. 9, 1973, Pub. L. 93-15, § 1(c), 87 Stat. 11; June 22, 1974, Pub. L. 93-319, § 13(c), 88 Stat. 265, prior to its repeal by section 306 of Pub. L. 95-95.

**AMENDMENTS**

1977—Subsec. (b)(4). Pub. L. 95-190 substituted “7403(a)(5)” for “7403(b)(5)”.

**EFFECTIVE DATE**

Section effective Aug. 7, 1977, except as otherwise expressly provided, see section 406(d) of Pub. L. 95-95, set out as an Effective Date of 1977 Amendment note under section 7401 of this title.

**SUBCHAPTER IV—NOISE POLLUTION**

**§ 7641. Noise abatement**

**(a) Office of Noise Abatement and Control**

The Administrator shall establish within the Environmental Protection Agency an Office of Noise Abatement and Control, and shall carry out through such Office a full and complete investigation and study of noise and its effect on the public health and welfare in order to (1) identify and classify causes and sources of noise, and (2) determine—

- (A) effects at various levels;
- (B) projected growth of noise levels in urban areas through the year 2000;
- (C) the psychological and physiological effect on humans;
- (D) effects of sporadic extreme noise (such as jet noise near airports) as compared with constant noise;
- (E) effect on wildlife and property (including values);
- (F) effect of sonic booms on property (including values); and
- (G) such other matters as may be of interest in the public welfare.

**(b) Investigation techniques; report and recommendations**

In conducting such investigation, the Administrator shall hold public hearings, conduct research, experiments, demonstrations, and studies. The Administrator shall report the results of such investigation and study, together with his recommendations for legislation or other action, to the President and the Congress not later than one year after December 31, 1970.

**(c) Abatement of noise from Federal activities**

In any case where any Federal department or agency is carrying out or sponsoring any activity resulting in noise which the Administrator determines amounts to a public nuisance or is otherwise objectionable, such department or agency shall consult with the Administrator to determine possible means of abating such noise.

(July 14, 1955, ch. 360, title IV, § 402, as added Dec. 31, 1970, Pub. L. 91-604, § 14, 84 Stat. 1709.)

**CODIFICATION**

Section was formerly classified to section 1858 of this title.

**§ 7642. Authorization of appropriations**

There is authorized to be appropriated such amount, not to exceed \$30,000,000, as may be necessary for the purposes of this subchapter.

(July 14, 1955, ch. 360, title IV, § 403, as added Dec. 31, 1970, Pub. L. 91-604, § 14, 84 Stat. 1710.)

**CODIFICATION**

Section was formerly classified to section 1858a of this title.

**CHAPTER 86—EARTHQUAKE HAZARDS REDUCTION [NEW]**

- Sec. 7701. Congressional findings.
- 7702. Congressional statement of purpose.
- 7703. Definitions.
- 7704. National earthquake hazards reduction program.
  - (a) Establishment.
  - (b) Duties of President and Director of the Federal Emergency Management Agency.
  - (c) Objectives of the program.
    - (1) Earthquake resistant construction.
    - (2) Earthquake prediction.
    - (3) Model codes.
    - (4) Earthquake-related issues; understanding.
    - (5) Education of the public.
    - (6) Research respecting mitigation of earthquake hazards, the varied consequences of earthquake prediction, and assurance of availability of earthquake insurance.
    - (7) Basic and applied research for control or alteration of seismic phenomena.
  - (d) Federal participation.
  - (e) Research elements.
  - (f) Mitigation elements.
  - (g) State assistance.
  - (h) Non-Federal participation; program plan review; report to Congress; evaluation of non-Federal and Federal prediction activities.
  - (i) Study, report, etc., respecting disaster relief.
- 7705. Annual report to congressional committees.
- 7706. Authorization of appropriations.
  - (a) General authorization for the program.
  - (b) Geological Survey.
  - (c) National Science Foundation.
  - (d) National Bureau of Standards.
  - (e) Funds for certain required adjustments.

**§ 7701. Congressional findings**

The Congress finds and declares the following:

(1) All 50 States are vulnerable to the hazards of earthquakes, and at least 39 of them are subject to major or moderate seismic risk, including Alaska, California, Hawaii, Illinois, Massachusetts, Missouri, Montana, Nevada, New Jersey, New York, South Carolina, Utah, and Washington. A large portion of the population of the United States lives in areas vulnerable to earthquake hazards.

(2) Earthquakes have caused, and can cause in the future, enormous loss of life, injury, destruction of property, and economic and social disruption. With respect to future earthquakes, such loss, destruction, and disruption can be substantially reduced through the development and implementation of earthquake hazards reduction measures, including (A) improved design and construction methods and practices, (B) land-use controls and redevelopment, (C) prediction techniques and early-warning systems, (D) coordinated emergency preparedness plans, and (E) public education and involvement programs.

(3) An expertly staffed and adequately financed earthquake hazards reduction program, based on Federal, State, local, and private research, planning, decisionmaking, and contributions would reduce the risk of such loss, destruction, and disruption in seismic areas by an amount far greater than the cost of such program.

(4) A well-funded seismological research program in earthquake prediction could provide data adequate for the design, of an operational system that could predict accurately the time, place, magnitude, and physical effects of earthquakes in selected areas of the United States.

(5) An operational earthquake prediction system can produce significant social, economic, legal, and political consequences.

(6) There is a scientific basis for hypothesizing that major earthquakes may be moderated, in at least some seismic areas, by application of the findings of earthquake control and seismological research.

(7) The implementation of earthquake hazards reduction measures would, as an added benefit, also reduce the risk of loss, destruction, and disruption from other natural hazards and manmade hazards, including hurricanes, tornadoes, accidents, explosions, landslides, building and structural cave-ins, and fires.

(8) Reduction of loss, destruction, and disruption from earthquakes will depend on the actions of individuals, and organizations in the private sector and governmental units at Federal, State, and local levels. The current capability to transfer knowledge and information to these sectors is insufficient. Improved mechanisms are needed to translate existing information and research findings into reasonable and usable specifications, criteria, and practices so that individuals, organizations, and governmental units may make informed decisions and take appropriate actions.

(9) Severe earthquakes are a worldwide problem. Since damaging earthquakes occur infrequently in any one nation, international

cooperation is desirable for mutual learning from limited experiences.

(10) An effective Federal program in earthquake hazards reduction will require input from and review by persons outside the Federal Government expert in the sciences of earthquake hazards reduction and in the practical application of earthquake hazards reduction measures.

(Pub. L. 95-124, § 2, Oct. 7, 1977, 91 Stat. 1098.)

#### SHORT TITLE

Section 1 of Pub. L. 95-124 provided: "That this Act [enacting this chapter] may be cited as the 'Earthquake Hazards Reduction Act of 1977'."

#### DELEGATION OF FUNCTIONS

Functions of the President under the Earthquake Hazards Reduction Act of 1977 were delegated, transferred, or reassigned to the Director of the Federal Emergency Management Agency pursuant to sections 1-104 and 4-204 of Ex. Ord. No. 12148, July 20, 1979, 44 F.R. 43239, set out as a note under section 2251 of the Appendix to Title 50, War and National Defense.

#### § 7702. Congressional statement of purpose

It is the purpose of the Congress in this chapter to reduce the risks of life and property from future earthquakes in the United States through the establishment and maintenance of an effective earthquake hazards reduction program.

(Pub. L. 95-124, § 3, Oct. 7, 1977, 91 Stat. 1099.)

#### § 7703. Definitions

As used in this chapter unless the context otherwise requires:

(1) The term "includes" and variants thereof should be read as if the phrase "but is not limited to" were also set forth.

(2) The term "program" means the earthquake hazards reduction program established under section 7704 of this title.

(3) The term "seismic" and variants thereof mean having to do with, or caused by earthquakes.

(4) The term "State" means each of the States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, the Commonwealth of the Mariana Islands, and any other territory or possession of the United States.

(5) The term "United States" means, when used in a geographical sense, all of the States as defined in paragraph (4) of this section.

(Pub. L. 95-124, § 4, Oct. 7, 1977, 91 Stat. 1099.)

#### § 7704. National earthquake hazards reduction program

##### (a) Establishment

The President shall establish and maintain, in accordance with the provisions and policy of this chapter, a coordinated earthquake hazards reduction program, which shall—

(1) be designed and administered to achieve the objectives set forth in subsection (c) of this section;

(2) involve, where appropriate, each of the agencies listed in subsection (d) of this section and the non-Federal participation specified in subsection (h) of this section; and

(3) include each of the elements described in subsections (e) and (f) of this section and the assistance to the States specified in subsection (g) of this section.

**(b) Duties of President and Director of the Federal Emergency Management Agency**

(1) The President shall—

(A) assign and specify the role and responsibility of each appropriate Federal department, agency, and entity with respect to each object and element of the program; and

(B) establish goals, priorities, budgets, and target dates for implementation of the program.

(2) The Federal Emergency Management Agency (hereinafter referred to as the "Agency") is designated as the agency with the primary responsibilities to plan and coordinate the National Earthquake Hazards Reduction Program. The Director of the Agency (hereinafter referred to as the "Director") shall—

(A) recommend to the President the role and responsibility of each appropriate Federal department, agency, and entity with respect to each object and element of the program;

(B) recommend to the President goals, priorities, budgets, and target dates for implementation of the program;

(C) provide a method for cooperation and coordination with, and assistance (to the extent of available resources) to, interested governmental entities in all States, particularly those containing areas of high or moderate seismic risk;

(D) provide for qualified and sufficient staffing for the program and its components;

(E) compile and maintain a written program plan for the program specified in subsections (a), (e), (f), and (g) of this section, which plan will recommend base and incremental budget options for the agencies to carry out the elements and programs specified through at least 1985, and which plan shall be completed by September 30, 1981, and transmitted to the Congress and shall be updated annually; and

(F) recommend appropriate roles for State and local units of government, individuals, and private organizations.

**(c) Objectives of the program**

The objectives of the earthquake hazards reduction program shall include—

**(1) Earthquake resistant construction**

the development of technologically and economically feasible design and construction methods and procedures to make new and existing structures, in areas of seismic risk, earthquake resistant, giving priority to the development of such methods and procedures for nuclear power generating plants, dams, hospitals, schools, public utilities, public safety structures, high occupancy buildings, and other structures which are especially needed in time of disaster;

**(2) Earthquake prediction**

the implementation in all areas of high or moderate seismic risk, of a system (including personnel, technology, and procedures) for predicting damaging earthquakes and for identifying, evaluating, and accurately characterizing seismic hazards;

**(3) Model codes**

the development, publication, and promotion, in conjunction with State and local officials and professional organizations, of model codes and other means to coordinate information about seismic risk with land-use policy decisions and building activity;

**(4) Earthquake-related issues; understanding**

the development, in areas of seismic risk, of improved understanding of, and capability with respect to, earthquake-related issues, including methods of controlling the risks from earthquakes, planning to prevent such risks, disseminating warnings of earthquakes, organizing emergency services, and planning for reconstruction and redevelopment after an earthquake;

**(5) Education of the public**

the education of the public, including State and local officials, as to earthquake phenomena, the identification of locations and structures which are especially susceptible to earthquake damage, ways to reduce the adverse consequences of an earthquake, and related matters;

**(6) Research respecting mitigation of earthquake hazards, the varied consequences of earthquake prediction, and assurance of availability of earthquake insurance**

the development of research on—

(A) ways to increase the use of existing scientific and engineering knowledge to mitigate earthquake hazards;

(B) the social, economic, legal, and political consequences of earthquake prediction; and

(C) ways to assure the availability of earthquake insurance or some functional substitute; and

**(7) Basic and applied research for control or alteration of seismic phenomena**

the development of basic and applied research leading to a better understanding of the control or alteration of seismic phenomena.

**(d) Federal participation**

In assigning the role and responsibility of Federal departments, agencies, and entities under subsection (b)(1)(A) of this section, the President shall, where appropriate, include the United States Geological Survey, the National Science Foundation, the Department of Defense, the Department of Housing and Urban Development, the National Aeronautics and Space Administration, the National Oceanic and Atmospheric Administration, the Department of Commerce, the Energy Research and Development Administration, the Nuclear Reg-

ulatory Commission, and the Federal Emergency Management Agency.

(e) Research elements

The research elements of the program shall include—

- (1) research into the basic causes and mechanisms of earthquakes;
- (2) development of methods to predict the time, place, and magnitude of future earthquakes;
- (3) development of an understanding of the circumstances in which earthquakes might be artificially induced by the injection of fluids in deep wells, by the impoundment of reservoirs, or by other means;
- (4) evaluation of methods that may lead to the development of a capability to modify or control earthquakes in certain regions;
- (5) development of information and guidelines for zoning land in light of seismic risk in all parts of the United States and preparation of seismic risk analyses useful for emergency planning and community preparedness;
- (6) development of techniques for the delineation and evaluation of the potential effects of earthquakes, and their application on a regional basis;
- (7) development of methods for planning, design, construction, rehabilitation, and utilization of manmade works so as to effectively resist the hazards imposed by earthquakes;
- (8) exploration of possible social and economic adjustments that could be made to reduce earthquake vulnerability and to exploit effectively existing and developing earthquake mitigation techniques; and
- (9) studies of foreign experience with all aspects of earthquakes.

(f) Mitigation elements

The mitigation elements of the program shall provide for—

- (1) **ISSUANCE OF EARTHQUAKE PREDICTIONS.**—The Director of the United States Geological Survey is hereby given the authority, after notification of the Director, to issue an earthquake prediction or other earthquake advisory as he deems necessary. For the purposes of evaluating a prediction, the National Earthquake Prediction Evaluation Council shall be exempt from the requirements of section 10(a)(2) of the Federal Advisory Committee Act. The Director shall have responsibility to provide State and local officials and residents of an area for which a prediction has been made with recommendations of actions to be taken;
- (2) the development of ways for State, county, local, and regional governmental units to use existing and developing knowledge about the regional and local variations of seismic risk in making their land use decisions;
- (3) the development and promulgation of specifications, building standards, design criteria, and construction practices to achieve appropriate earthquake resistance for new and existing structures;
- (4) an examination of alternative provisions and requirements for reducing earthquake hazards through Federal and federally fi-

nanced construction, loans, loan guarantees, and licenses;

- (5) the determination of the appropriate role for insurance, loan programs, and public and private relief efforts in moderating the impact of earthquakes;
- (6) dissemination, on a timely basis, of—
  - (A) instrument-derived data of interest to other researchers;
  - (B) design and analysis data and procedures of interest to the design professions and to the construction industry; and
  - (C) other information and knowledge of interest to the public to reduce vulnerability to earthquake hazards;
- (7) transmittal to Congress by the Director of an intraagency coordination plan for earthquake hazard mitigation and response within thirty days after October 19, 1980, which plan shall coordinate all of the directorates of the Agency; and
- (8) the development and implementation by the Director of a preparedness plan for response to earthquake predictions which includes the following items:
  - (A) A prototype plan to be in place in one major metropolitan area by September 30, 1981.
  - (B) An action plan to be completed for specific adaptations of the prototype plan to other high risk metropolitan areas by September 30, 1981.
  - (C) These prediction response plans are to be integrated with preparedness response plans.
  - (D) The plans shall include coordination with State and local governmental companion efforts.
  - (E) The plans shall be updated as new, relevant information becomes available.

(g) State assistance

In making assistance available to the States under the Disaster Relief Act of 1974 (42 U.S.C. 5121 et seq.), the President may make such assistance available to further the purposes of this chapter, including making available to the States the results of research and other activities conducted under this chapter.

(h) Non-Federal participation; program plan review; report to Congress; evaluation of non-Federal and Federal prediction activities

In carrying out the provisions of this section, the President shall provide an opportunity for participation by the appropriate representatives of State and local governments, and by the public, including representatives of business and industry, the design professions, and the research community, in the formulation and implementation of the program.

Such non-Federal participation shall include periodic review of the program plan, considered in its entirety, by an assembled and adequately staffed group of such representatives. Any comments on the program upon which such group agrees shall be reported to the Congress.

Measures developed pursuant to subsection (f)(1) of this section for the evaluation of prediction techniques and actual predictions of

earthquakes shall provide for adequate non-Federal participation. To the extent that such measures include evaluation by Federal employees of non-Federal prediction activities, such measures shall also include evaluation by persons not in full-time Federal employment of Federal prediction activities.

(i) Study, report, etc., respecting disaster relief

Within one year after October 19, 1980, the Director shall conduct a study and prepare and transmit recommendations to Congress to amend the Disaster Relief Act of 1974 (42 U.S.C. 5121, et seq.) to include provisions for funding for the period of time following a validated earthquake prediction.

(Pub. L. 95-124, § 5, Oct. 7, 1977, 91 Stat. 1099; Pub. L. 96-472, title I, § 101, Oct. 19, 1980, 94 Stat. 2257.)

REFERENCES IN TEXT

Section 10(a)(2) of the Federal Advisory Committee Act, referred to in subsec. (f), is section 10(a)(2) of Pub. L. 92-463, Oct. 6, 1972, 86 Stat. 774, which is set out in the Appendix to Title 5, Government Organization and Employees.

The Disaster Relief Act of 1974, referred to in subsecs. (g) and (i), is Pub. L. 93-288, May 22, 1974, 88 Stat. 143, as amended, which is classified principally to chapter 68 (§ 5121 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 5121 of this title and Tables.

AMENDMENTS

1980—Subsec. (a). Pub. L. 96-472, § 101(a), in par. (2) added provisions relating to non-Federal participation, and in par. (3) substituted provisions respecting the elements described in subsec. (f) of this section, for provisions respecting the implementation plan described in subsec. (f) of this section.

Subsec. (b). Pub. L. 96-472, § 101(b), substituted provisions setting forth the duties of the President and the Director of the Federal Emergency Management Agency with respect to the Program for provisions setting forth the duties of the President with respect to the program and plan.

Subsec. (d). Pub. L. 96-472, § 101(c), substituted "(1)(A)" for "(3)(B)", "Department of Commerce" for "National Bureau of Standards", and "Federal Emergency Management Agency" for "National Fire Prevention and Control Administration".

Subsec. (e)(6). Pub. L. 96-472, § 101(d), substituted "potential" for "political".

Subsec. (f). Pub. L. 96-472, § 101(e), substituted in provision preceding par. (1), provision directing that the mitigation elements of the program are to be as specified in pars. (1) to (8) for provision authorizing the establishment of an implementation plan, year-by-year targets, and Federal and non-Federal roles, in par. (1), substituted provision including as one of the mitigating elements, issuance of earthquake predictions for provision including in the implementation plan development of measures in preparing for earthquakes, actual predictions, warnings, and insuring a comprehensive response to an earthquake, added pars. (7) and (8), and struck out provision following par. (8), that when the implementation plan developed by the President contemplates specific action to be taken by a Federal agency, department, or entity, and at the end of the 30-day period beginning on the date the President submits such plan to the appropriate authorizing committees of Congress and such action has not been initiated, the President submit to such committees a report why such action has not been taken.

Subsec. (i). Pub. L. 96-472, § 101(f), added subsec. (i).

TRANSFER OF FUNCTIONS

For transfer of certain functions from the Nuclear Regulatory Commission to the Chairman thereof, see Reorg. Plan No. 1 of 1980, 45 F.R. 40561, 94 Stat. 3585, set out as a note under section 5841 of this title.

The Energy Research and Development Administration was terminated and functions vested by law in the Administrator thereof were transferred to the Secretary of Energy (unless otherwise specifically provided) by sections 7151(a) and 7293 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 7703, 7705, 7706 of this title.

§ 7705. Annual report to congressional committees

The President shall, within ninety days after the end of each fiscal year, submit an annual report to the appropriate authorizing committees in the Congress describing the status of the program, and describing and evaluating progress achieved during the preceding fiscal year in reducing the risks of earthquake hazards. Each such report shall include a copy of the program plan described in section 7704(b)(2)(E) of this title and any recommendations for legislation and other action the President deems necessary and appropriate.

(Pub. L. 95-124, § 6, Oct. 7, 1977, 91 Stat. 1102; Pub. L. 96-472, title I, § 102(a), Oct. 19, 1980, 94 Stat. 2259.)

AMENDMENTS

1980—Pub. L. 96-472 added provisions relating to the copy of the program plan described in section 7704(b)(2)(E) of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 7706 of this title.

§ 7706. Authorization of appropriations

(a) General authorization for the program

(1) There are authorized to be appropriated to the President to carry out the provisions of sections 7704 and 7705 of this title (in addition to any authorizations for similar purposes included in other Acts and the authorizations set forth in subsections (b) and (c) of this section), not to exceed \$1,000,000 for the fiscal year ending September 30, 1978, not to exceed \$2,000,000 for the fiscal year ending September 30, 1979, and not to exceed \$2,000,000 for the fiscal year ending September 30, 1980.

(2) There are authorized to be appropriated to the Director to carry out the provisions of sections 7704 and 7705 of this title for the fiscal year ending September 30, 1981—

(A) \$1,000,000 for continuation of the Inter-agency Committee on Seismic Safety in Construction and the Building Seismic Safety Council programs,

(B) \$1,500,000 for plans and preparedness for earthquake disasters,

(C) \$500,000 for prediction response planning,

(D) \$600,000 for architectural and engineering planning and practice programs,

(E) \$1,000,000 for development and application of a public education program,

(F) \$3,000,000 for use by the National Science Foundation in addition to the amount authorized to be appropriated under subsection (c) of this section, which amount includes \$2,400,000 for earthquake policy research and \$600,000 for the strong ground motion element of the siting program, and

(G) \$1,000,000 for use by the Center for Building Technology, National Bureau of Standards in addition to the amount authorized to be appropriated under subsection (d) of this section for earthquake activities in the Center.

(3) There are authorized to be appropriated to the Director for the fiscal year ending September 30, 1982, \$2,000,000 to carry out the provisions of sections 7704 and 7705 of this title.

**(b) Geological Survey**

There are authorized to be appropriated to the Secretary of the Interior for purposes for carrying out, through the Director of the United States Geological Survey, the responsibilities that may be assigned to the Director under this chapter not to exceed \$27,500,000 for the fiscal year ending September 30, 1978; not to exceed \$35,000,000 for the fiscal year ending September 30, 1979; not to exceed \$40,000,000 for the fiscal year ending September 30, 1980; \$32,484,000 for the fiscal year ending September 30, 1981; and \$34,425,000 for the fiscal year ending September 30, 1982.

**(c) National Science Foundation**

To enable the Foundation to carry out responsibilities that may be assigned to it under this chapter, there are authorized to be appropriated to the Foundation not to exceed \$27,500,000 for the fiscal year ending September 30, 1978; not to exceed \$35,000,000 for the fiscal year ending September 30, 1979; not to exceed \$40,000,000 for the fiscal year ending September 30, 1980; \$26,600,000 for the fiscal year ending September 30, 1981; and \$27,150,000 for the fiscal year ending September 30, 1982.

**(d) National Bureau of Standards**

To enable the Bureau to carry out responsibilities that may be assigned to it under this chapter, there are authorized to be appropriated \$425,000 for the fiscal year ending September 30, 1981; and \$425,000 for the fiscal year ending September 30, 1982.

**(e) Funds for certain required adjustments**

For the fiscal year ending September 30, 1982, there are authorized to be appropriated such further sums as may be necessary for adjustments required by law in salaries, pay, retirement, and employee benefits incurred in the conduct of activities for which funds are authorized by the preceding provisions of this section.

(Pub. L. 95-124, § 7, Oct. 7, 1977, 91 Stat. 1103; Pub. L. 96-472, title I, § 103, Oct. 19, 1980, 94 Stat. 2259; Pub. L. 97-80, title I, § 101, Nov. 20, 1981, 95 Stat. 1081.)

**AMENDMENTS**

1981—Subsec. (a)(3). Pub. L. 97-80, § 101(a), added par. (3).

Subsec. (b). Pub. L. 97-80, § 101(b), added authorization for the fiscal year ending Sept. 30, 1982.

Subsec. (c). Pub. L. 97-80, § 101(c), added authorization for the fiscal year ending Sept. 30, 1982.

Subsec. (d). Pub. L. 97-80, § 101(d), added authorization for the fiscal year ending Sept. 30, 1982.

Subsec. (e). Pub. L. 97-80, § 101(e), added subsec. (e). 1980—Subsec. (a). Pub. L. 96-472, § 103(a), designated existing provisions as par. (1) and added par. (2).

Subsec. (b). Pub. L. 96-472, § 103(b), added authorization for the fiscal year ending Sept. 30, 1981.

Subsec. (c). Pub. L. 96-472, § 103(c), added authorization for the fiscal year ending Sept. 30, 1981.

Subsec. (d). Pub. L. 96-472, § 103(d), added subsec. (d).

**CHAPTER 87—WATER RESEARCH AND DEVELOPMENT [NEW]**

**Sec.**

7801. Congressional findings and declarations.  
7802. Statement of purpose.

**SUBCHAPTER I—WATER RESOURCES RESEARCH AND DEVELOPMENT**

7811. Research and Technology Institutes.  
(a) Establishment; designation; interstate or regional institutes; cooperation with State colleges and universities and regional consortia.  
(b) Duties; scope of activities submission to Secretary of annual programs and reports; cooperation in development of goals and objectives; comment and transmission of proposals to Secretary.  
(c) Information dissemination program.
7812. Funds; printing and publishing program results; planning, coordinating and conducting cooperative research.
7813. Responsibilities of Secretary.  
(a) Prescription of procedures, rules and policies, effective work requirement; furnishing advice and assistance.  
(b) Development of five-year program.  
(c) Ascertainment of fulfilled requirements; entitlement to funds; amount of authorization.
7814. Legal relationship of educational institution and State government; Federal control or direction of education.
7815. Grants and contracts; application; basis of approval.
7816. Range of program issues; priority problems.
7817. "State" defined.
7818. Advance payments of initial expenses.
7819. Study, design, etc., of water resources programs and activities; report to Congressional committees; proposed contract or agreement.

**SUBCHAPTER II—WATER RESEARCH AND DEVELOPMENT FOR SALINE AND OTHER IMPAIRED WATERS**

7831. Congressional findings and declaration of policy.
7832. Functions of Secretary.
7833. Additional functions of Secretary.  
(a) Demonstration and prototype plants; preliminary investigations and potential cooperative agreements.  
(b) Utilization of expertise of Department of the Interior and other Federal agencies.  
(c) Financial assistance from any State or public agency.
7834. Rules and regulations.
7835. Definitions.