

items on page 72 identify reporting provisions which, as subsequently amended, are contained in sections 306 and 308 of Pub. L. 98-242, set out in the note above), see section 3003 of Pub. L. 104-66, as amended, set out as a note under section 1113 of Title 31, Money and Finance.]

DESALTING PLANTS

Pub. L. 95-84, § 2, Aug. 2, 1977, 91 Stat. 400; Pub. L. 95-467, title II, § 205(a), (b), Oct. 17, 1978, 92 Stat. 1311; Pub. L. 96-457, § 3, Oct. 15, 1980, 94 Stat. 2032; Pub. L. 98-242, title I, § 110(a), Mar. 22, 1984, 98 Stat. 101, provided that:

“(a) The Secretary of the Interior is authorized and directed to demonstrate the engineering and economic viability of membrane and phase-change desalting processes. Such demonstrations shall include the study, design, construction, operation, and maintenance of desalting plants at locations in the United States (which may include the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, Guam, the Virgin Islands, the Mariana Islands, and the Trust Territory of the Pacific Islands): *Provided*, That at least two such plants shall demonstrate desalting of brackish ground water: *And provided further*, That the plants constructed pursuant to this section shall be for the purpose of showing that the technology being demonstrated is ready for application; such plants shall be sufficient to demonstrate the specific application of the technology, and shall be significantly different in operation and process so as not to duplicate any other demonstration plant constructed pursuant to this section. The Secretary is further authorized to conduct such demonstrations or any portion thereof by means of cooperative agreements (as defined and authorized by [former] 41 U.S.C. 504 et seq. (the Federal Grant and Cooperative Agreement Act of 1977; Public Law 95-224) [see 31 U.S.C. 6301 et seq.]) with duly authorized non-Federal public entities. Title to demonstration facilities constructed by the non-Federal public entity under a cooperative agreement shall vest in the non-Federal public entity.

“(b) Funds appropriated pursuant to the authority provided by this section [this note] may not be expended until thirty calendar days (excluding days on which either the House of Representatives or the Senate is not in session because of an adjournment of more than three calendar days to a day certain) have elapsed following transmittal of a report to the chairman of the Committee on Interior and Insular Affairs [now Committee on Natural Resources] of the House of Representatives and the chairman of the Committee on Environment and Public Works of the United States Senate. Such report shall present information that includes, but is not limited to, how the plant being proposed differs from others, if any, already constructed under this section, the location of the demonstration plant, the characteristics of the water proposed to be desalted, the process to be utilized, the water supply problems confronting the area in which the plant will be located, alternative sources of water and their probable cost, the capacity of the plant, the initial investment cost of the demonstration plant, the annual operating cost of the demonstration plant, the source of energy for the plant and its cost, the means of reject brine disposal and its environmental consequences, and the unit cost of product water, considering the amortization of all components of the demonstration plant and ancillary facilities. Such report shall be accompanied by a proposed contract (or cooperative agreement) between the Secretary and a duly authorized non-Federal entity, in which such entity shall agree to provide not less than 15 per centum and not more than 35 per centum of the total cost of the demonstration; such cost to include, without being limited to, necessary water rights, water supplies, rights-of-way, power source interconnections, brine disposal facilities, land, construction, ancillary facilities, and the operation and maintenance costs for a period of four years following final acceptance of the construction of the plant from the plant contractor. The contributions of

the non-Federal entity under such proposed contract may be in-kind. During the participation by the Secretary in the construction and the operation and maintenance of such demonstration, access to the demonstration and its operating data will not be denied to the Secretary or his representatives. The period of participation by the Secretary in the operation and maintenance of any such demonstration shall be four years. The Secretary is authorized to include in the proposed contract a provision for conveying, as appropriate, and in such amounts as are appropriate, rights, title, and interest of the Federal Government in the demonstration project to the non-Federal public entity.

“(c) There is authorized to be appropriated, to remain available until expended, for the fiscal year ending September 30, 1978, and thereafter, the sum of \$50,000,000 to finance the total Federal share of the cost of the demonstration plants authorized by this section; such cost to include, without being limited to, necessary water rights, water supplies, rights-of-way, power source interconnections, brine disposal facilities, land, construction, ancillary facilities, and the operation and maintenance costs for the four-year period of Federal participation in such costs.

“(d) When appropriations have been made for the commencement or continuation of design, construction, or operation and maintenance of any demonstration plant authorized under this Act [this note], the Secretary may, in connection with such design, construction, or operation and maintenance, enter into contracts and cooperative agreements for miscellaneous services, for materials and supplies, as well as for construction, which may cover such periods of time as the Secretary may consider necessary but in which the liability of the United States shall be contingent upon appropriations being made therefor.”

[For termination of Trust Territory of the Pacific Islands, see note set out preceding section 1681 of Title 48, Territories and Insular Possessions.]

§ 10302. Congressional declaration of purpose

It is the purpose of this chapter to assist the Nation and the States in augmenting their water resources science and technology as a way to—

(1) assure supplies of water sufficient in quantity and quality to meet the Nation's expanding needs for the production of food, materials, and energy;

(2) discover practical solutions to the Nation's water and water resources related problems, particularly those problems related to impaired water quality;

(3) assure the protection and enhancement of environmental and social values in connection with water resources management and utilization;

(4) promote the interest of State and local governments as well as private industry in research and the development of technology that will reclaim waste water and to convert saline and other impaired waters to waters suitable for municipal, industrial, agricultural, recreational, and other beneficial uses;

(5) promote more effective coordination of the Nation's water resources research program;

(6) promote the development of a cadre of trained research scientists, engineers, and technicians for future water resources problems; and

(7) encourage long-term planning and research to meet future water management, quality, and supply challenges.

(Pub. L. 98-242, title I, § 103, Mar. 22, 1984, 98 Stat. 97; Pub. L. 101-397, § 1(a), Sept. 28, 1990, 104

Stat. 852; Pub. L. 104-147, §2, May 24, 1996, 110 Stat. 1375.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original "this Act", meaning Pub. L. 98-242, Mar. 22, 1984, 98 Stat. 97, known as the Water Resources Research Act of 1984. For complete classification of this Act to the Code, see Short Title note set out under section 10301 of this title and Tables.

AMENDMENTS

1996—Par. (5). Pub. L. 104-147, §2(1), struck out "to" before "promote" and "and" after "program:".

Par. (6). Pub. L. 104-147, §2(2), substituted ";" and" for period at end.

Par. (7). Pub. L. 104-147, §2(3), added par. (7).

1990—Par. (5). Pub. L. 101-397 substituted "to promote more effective coordination of" for "coordinate more effectively".

§ 10303. Water resources research and technology institutes

(a) Establishment; designation of site by State legislature or Governor

Subject to the approval of the Secretary of the Interior (hereafter in this chapter referred to as the "Secretary") under this section, one water resources research and technology institute, center, or equivalent agency (hereafter in this chapter referred to as the "institute") may be established in each State (as used in this chapter, the term "State" includes the Commonwealth of Puerto Rico, the District of Columbia, the Virgin Islands, Guam, American Samoa, the Commonwealth of the Mariana Islands and the Federated States of Micronesia) at a college or university which was established in accordance with the Act approved July 2, 1862 (12 Stat. 503) [7 U.S.C. 301 et seq.], or at some other institution designated by act of the legislature of the State concerned. If there is more than one such college or university in a State established in accordance with such Act of July 2, 1862, the institute in such State shall, in the absence of a designation to the contrary by act of the legislature of the State, be established at the one such college or university designated by the Governor of the State. Two or more States may cooperate in the establishment of a single institute or regional institute, in which event the sums otherwise allocated to institutes in each of the cooperating States shall be paid to such single or regional institute.

(b) Scope of research; other activities; cooperation and coordination

Each institute shall—

(1) plan, conduct, or otherwise arrange for competent applied and peer reviewed research that fosters—

(A) improvements in water supply reliability;

(B) the exploration of new ideas that—

(i) address water problems; or

(ii) expand understanding of water and water-related phenomena;

(C) the entry of new research scientists, engineers, and technicians into water resources fields; and

(D) the dissemination of research results to water managers and the public.¹

(2) cooperate closely with other colleges and universities in the State that have demonstrated capabilities for research, information dissemination, and graduate training in order to develop a statewide program designed to resolve State and regional water and related land problems.

Each institute shall also cooperate closely with other institutes and other organizations in the region to increase the effectiveness of the institutes and for the purpose of promoting regional coordination.

(c) Grants; matching funds

From the sums appropriated pursuant to subsection (f) of this section, the Secretary shall make grants to each institute to be matched on a basis of no less than 2 non-Federal dollars for every 1 Federal dollar, such sums to be used only for the reimbursement of the direct cost expenditures incurred for the conduct of the water resources research program.

(d) Submission and approval of water research program; requisite assurances

Prior to and as a condition of the receipt each fiscal year of funds appropriated under subsection (f) of this section, each institute shall submit to the Secretary for his approval a water research program that includes assurances, satisfactory to the Secretary, that such program was developed in close consultation and collaboration with the director of that State's department of water resources or similar agency, other leading water resources officials within the State, and interested members of the public. The program described in the preceding sentence shall include plans to promote research, training, information dissemination, and other activities meeting the needs of the State and Nation, and shall encourage regional cooperation among institutes in research into areas of water management, development, and conservation that have a regional or national character.

(e) Evaluation of water resources research program

The Secretary shall conduct a careful and detailed evaluation of each institute at least once every 3 years to determine that the quality and relevance of its water resources research and its effectiveness at producing measured results and applied water supply research as an institution for planning, conducting, and arranging for research warrants its continued support under this section. If, as a result of any such evaluation, the Secretary determines that an institute does not qualify for further support under this section, then no further grants to the institute may be made until the institute's qualifications are reestablished to the satisfaction of the Secretary.

(f) Authorization of appropriations in general

(1) There is authorized to be appropriated to carry out this section, to remain available until expended, \$12,000,000 for each of fiscal years 2007 through 2011.

(2) Any sums appropriated under this subsection but which fail to be obligated by the close of the fiscal year for which they were appropriated shall be transferred by the Secretary

¹ So in original. The period probably should be ", and".