

Subsec. (g). Pub. L. 101-397, §1(m), added subsec. (g).

CONTRACTS OR COOPERATIVE AGREEMENTS WITH  
NATIONAL LABORATORIES

Pub. L. 101-397, §2, Sept. 28, 1990, 104 Stat. 854, provided that:

“(a) The Secretary of the Interior, in consultation with the Secretary of Agriculture and the Administrator of the Environmental Protection Agency, is authorized to enter into contracts or cooperative agreements, as the Secretary deems appropriate, with national laboratories (including Los Alamos National Laboratory) to carry out water resources research, development, and demonstration projects within the authorities of Public Law 98-242 [42 U.S.C. 10301 et seq.] (including the effects of potential climate changes on surface and ground water quality and quantity and the elimination of contamination of ground water aquifers).

“(b) The water resources research authorized in this section shall be undertaken under such rules and regulations as the Secretary deems appropriate and shall be carried out in close consultation and collaboration with the institutes established pursuant to Public Law 98-242 [42 U.S.C. 10301 et seq.], to the extent such research work affects the State in which the institute exists, and to the extent such institute agrees to consult and collaborate.

“(c) For the purposes of carrying out this section, there is authorized to be appropriated to the Secretary of the Interior the sum of \$10,000,000 for each of the fiscal years 1991 through 1995.”

**§ 10304. Research concerning water resource-related problems deemed to be in national interest**

**(a) Grants; matching funds**

(1) In addition to the grants authorized by section 10303 of this title, the Secretary is authorized to make grants, on a dollar-for-dollar matching basis, to the institutes established under such section, as well as other qualified educational institutions, private foundations, private firms, individuals, and agencies of local or State government for research concerning any aspect of a water resource-related problem which the Secretary may deem to be in the national interest. Such grants shall be made with such advice and review by peer or other expert groups of appropriate interdisciplinary composition as the Secretary deems appropriate on the basis of the merits of the project and the need for the knowledge such project is expected to produce upon completion.

(2) Research funded under this section should to the extent possible utilize the best qualified graduate students so the Nation profits from the education and training benefits resulting from the use of the latest in technological developments in solving water problems.

**(b) Applications for grants**

Each application for a grant under this section shall state the nature of the project to be undertaken, the period during which it will be pursued, the qualifications of the personnel who will direct and conduct it, the importance of the project to the Nation as well as to the region and State concerned, its relation to other research projects previously or currently being pursued, and the extent to which it will provide an opportunity for the training of water resources scientists.

**(c) Authorization of appropriations**

There is authorized to be appropriated to the Secretary the sum of \$10,000,000 for the purpose of carrying out this section for each of the fiscal years ending September 30, 1985, through September 30, 1995, such sums to remain available until expended.

(Pub. L. 98-242, title I, §105, Mar. 22, 1984, 98 Stat. 100; Pub. L. 101-397, §1(i), (j), Sept. 28, 1990, 104 Stat. 853.)

AMENDMENTS

1990—Subsec. (a)(3). Pub. L. 101-397, §1(i), struck out par. (3) which read as follows: “In cases where the Secretary determines, in accordance with criteria established by him, that research under this section is of a basic nature which would not otherwise be undertaken, the Secretary may approve grants under this section with a matching requirement other than that specified in paragraph (1) of this subsection.”

Subsec. (c). Pub. L. 101-397, §1(j), substituted “\$10,000,000” for “\$20,000,000” and “1995” for “1989”.

**§ 10305. Development of water-related technology**

**(a) Grants; matching funds**

(1) The Secretary shall make grants in addition to those authorized under sections 10303 and 10304 of this title for technology development concerning any aspect of water resources including water-related technology which the Secretary may deem to be of State, regional, or national importance. Activities funded under this section may be carried out by educational institutions, private firms, foundations, individuals, or agencies of State or local government. Care shall be taken to protect proprietary information of private individuals or firms associated with the technology.

(2) The Secretary may establish any condition for the matching of funds by the recipient of any grant or contract under this section which the Secretary considers to be in the best interest of the Nation considering the information transfer and technology needs of the Nation. However, in the case of institutes established by section 10303 of this title no match greater than that required under section 10303 of this title may be required.

**(b) Applications for grants**

Each application for a grant under this section shall state the nature of the project to be undertaken, the qualifications of the personnel who will direct and conduct it, facilities of the organization performing any technology development, the importance of the project to the Nation, region, and State concerned, and the potential benefit to be accrued.

**(c) Authorization of appropriations**

There is authorized to be appropriated to the Secretary the sum of \$6,000,000 for the purpose of carrying out this section for each of the fiscal years ending September 30, 1990, through September 30, 1995; such sums to remain available until expended.

(Pub. L. 98-242, title I, §106, Mar. 22, 1984, 98 Stat. 100; Pub. L. 101-397, §1(n), Sept. 28, 1990, 104 Stat. 853.)

AMENDMENTS

1990—Pub. L. 101-397, in amending section generally, in subsec. (a)(1) struck out provision directing that

grant be made on basis of merit and feasibility of project, in subsec. (a)(2) inserted provisions relating to match in the case of institutes established by section 10303 of this title, and in subsec. (c) substituted provisions authorizing \$6,000,000 appropriation for fiscal years 1990 through 1995, for provisions authorizing the same sum for fiscal years 1985 through 1989, and struck out provisions authorizing obligation of funds under this section and par. (1) and (2) designations.

#### § 10306. Administrative costs

From the sums appropriated pursuant to this chapter, not more than 7.5 per centum shall be utilized for administrative costs.

(Pub. L. 98-242, title I, §107, Mar. 22, 1984, 98 Stat. 101; Pub. L. 109-471, §2(f), Jan. 11, 2007, 120 Stat. 3553.)

#### AMENDMENTS

2007—Pub. L. 109-471 substituted “7.5” for “15”.

#### 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, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 10301 of this title and Tables.

#### § 10307. Types of research and development

The type of research and development to be undertaken under the authority of sections 10304 and 10305 of this title and to be encouraged by the institutes established under section 10303 of this title shall include the following:

- (1) Aspects of the hydrologic cycle;
- (2) Supply and demand for water;
- (3) Demineralization of saline and other impaired waters;
- (4) Conservation and best use of available supplies of water and methods of increasing such supplies;
- (5) Water reuse;
- (6) Depletion, contamination, and degradation of groundwater supplies;
- (7) Improvements in the productivity of water when used for agricultural, municipal, and commercial purposes;
- (8) The economic, legal, engineering, social, recreational, biological, geographic, ecological, and other aspects of water quality and quantity problems;
- (9) Scientific information dissemination activities, including identifying, assembling, and interpreting the results of scientific and engineering research on water resources problems; and
- (10) Providing means for improved communication of research results, having due regard for the varying conditions and needs for the respective States and regions.

(Pub. L. 98-242, title I, §108, Mar. 22, 1984, 98 Stat. 101; Pub. L. 101-397, §1(k), (l), Sept. 28, 1990, 104 Stat. 853.)

#### AMENDMENTS

1990—Par. (6). Pub. L. 101-397, §1(k), which directed that “, contamination,” be inserted after “depletion”, was executed by making the insertion after “Depletion” to reflect the probable intent of Congress.

Par. (8). Pub. L. 101-397, §1(l), inserted “quality and quantity” after “water”.

#### § 10308. Patent policy

Notwithstanding any other provision of law, the Secretary shall be governed by the provisions of sections 5908 (except subsections (l) and (n)) and 5909 of this title with respect to patent policy and to the definition of title to and licensing of inventions made or conceived in the course of work performed, or under any contract or grant made, pursuant to this chapter. Subject to such patent policy, all research or development contracted for, sponsored, cosponsored, or authorized under authority of this chapter shall be provided in such manner that all information, data, and know-how, regardless of their nature or mediums, resulting from such research and development shall (with such exceptions and limitations, if any, as the Secretary may find to be necessary in the interest of national defense) be usefully available for practice by the general public.

(Pub. L. 98-242, title I, §109, Mar. 22, 1984, 98 Stat. 101.)

#### 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, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 10301 of this title and Tables.

#### § 10309. New spending authority; amounts provided in advance

Any new spending authority described in subsection (c)(2)(A) or (B) of section 651<sup>1</sup> of title 2 which is provided under this chapter shall be effective for any fiscal year only to such extent or in such amounts as are provided in advance in appropriations Acts.

(Pub. L. 98-242, title I, §111, Mar. 22, 1984, 98 Stat. 101.)

#### REFERENCES IN TEXT

Section 651 of title 2, referred to in text, was amended by Pub. L. 105-33, title X, §10116(a)(3), (5), Aug. 5, 1997, 111 Stat. 691, by striking out subsec. (c) and redesignating former subsec. (d) as (c).

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, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 10301 of this title and Tables.

### CHAPTER 109A—MEMBRANE PROCESSES RESEARCH

Sec.	
10341.	Findings.
10342.	Research program.
10343.	Goals of research program.
10344.	Coordination with other research.
10345.	Authorization of appropriations.

#### § 10341. Findings

The Congress finds that—

- (1) there is an increasing threat of impairment to the quantity and quality of the Na-

<sup>1</sup> See References in Text note below.