

**Editorial Notes**

## REFERENCES IN TEXT

The Atomic Energy Act of 1954, referred to in subsec. (e), is act Aug. 1, 1946, ch. 724, as added by act Aug. 30, 1954, ch. 1073, §1, 68 Stat. 919, which is classified principally to chapter 23 (§2011 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

This subchapter, referred to in subsec. (f)(1)(A), was in the original “this subtitle”, and was translated as this subchapter to reflect the probable intent of Congress because title II of Pub. L. 97-425, which enacted this subchapter, does not contain subtitles.

**§ 10198. Research and development on spent nuclear fuel****(a) Demonstration and cooperative programs**

The Secretary shall establish a demonstration program, in cooperation with the private sector, for the dry storage of spent nuclear fuel at civilian nuclear power reactor sites, with the objective of establishing one or more technologies that the Commission may, by rule, approve for use at the sites of civilian nuclear power reactors without, to the maximum extent practicable, the need for additional site-specific approvals by the Commission. Not later than 1 year after January 7, 1983, the Secretary shall select at least 1, but not more than 3, sites evaluated under section 10194 of this title at such power reactors. In selecting such site or sites, the Secretary shall give preference to civilian nuclear power reactors that will soon have a shortage of interim storage capacity for spent nuclear fuel. Subject to reaching agreement as provided in subsection (b), the Secretary shall undertake activities to assist such power reactors with demonstration projects at such sites, which may use one of the following types of alternate storage technologies: spent nuclear fuel storage casks, caissons, or silos. The Secretary shall also undertake a cooperative program with civilian nuclear power reactors to encourage the development of the technology for spent nuclear fuel rod consolidation in existing power reactor water storage basins.

**(b) Cooperative agreements**

To carry out the programs described in subsection (a), the Secretary shall enter into a cooperative agreement with each utility involved that specifies, at a minimum, that—

(1) such utility shall select the alternate storage technique to be used, make the land and spent nuclear fuel available for the dry storage demonstration, submit and provide site-specific documentation for a license application to the Commission, obtain a license relating to the facility involved, construct such facility, operate such facility after licensing, pay the costs required to construct such facility, and pay all costs associated with the operation and maintenance of such facility;

(2) the Secretary shall provide, on a cost-sharing basis, consultative and technical assistance, including design support and generic licensing documentation, to assist such utility in obtaining the construction authorization and appropriate license from the Commission; and

(3) the Secretary shall provide generic research and development of alternative spent nuclear fuel storage techniques to enhance utility-provided, at-reactor storage capabilities, if authorized in any other provision of this chapter or in any other provision of law.

**(c) Dry storage research and development**

(1) The consultative and technical assistance referred to in subsection (b)(2) may include, but shall not be limited to, the establishment of a research and development program for the dry storage of not more than 300 metric tons of spent nuclear fuel at facilities owned by the Federal Government on January 7, 1983. The purpose of such program shall be to collect necessary data to assist the utilities involved in the licensing process.

(2) To the extent available, and consistent with the provisions of section 10155 of this title, the Secretary shall provide spent nuclear fuel for the research and development program authorized in this subsection from spent nuclear fuel received by the Secretary for storage under section 10155 of this title. Such spent nuclear fuel shall not be subject to the provisions of section 10155(e) of this title.

**(d) Funding**

The total contribution from the Secretary from Federal funds and the use of Federal facilities or services shall not exceed 25 percent of the total costs of the demonstration program authorized in subsection (a), as estimated by the Secretary. All remaining costs of such program shall be paid by the utilities involved or shall be provided by the Secretary from the Interim Storage Fund established in section 10156 of this title.

**(e) Relation to spent nuclear fuel storage program**

The spent nuclear fuel storage program authorized in section 10155 of this title shall not be construed to authorize the use of research development or demonstration facilities owned by the Department unless—

(1) a period of 30 calendar days (not including any day in which either House of Congress is not in session because of adjournment of more than 3 calendar days to a day certain) has passed after the Secretary has transmitted to the Committee on Science, Space, and Technology of the House of Representatives and the Committee on Energy and Natural Resources of the Senate a written report containing a full and complete statement concerning (A) the facility involved; (B) any necessary modifications; (C) the cost thereof; and (D) the impact on the authorized research and development program; or

(2) each such committee, before the expiration of such period, has transmitted to the Secretary a written notice to the effect that such committee has no objection to the proposed use of such facility.

(Pub. L. 97-425, title II, §218, Jan. 7, 1983, 96 Stat. 2252; Pub. L. 103-437, §15(c)(10), Nov. 2, 1994, 108 Stat. 4592.)

**Editorial Notes**

## AMENDMENTS

1994—Subsec. (e)(1). Pub. L. 103-437 substituted “Committee on Science, Space, and Technology” for “Committee on Science and Technology”.

**§ 10199. Payments to States and Indian tribes****(a) Payments**

Subject to subsection (b), the Secretary shall make payments to each State or affected Indian tribe that has entered into an agreement pursuant to section 10195 of this title. The Secretary shall pay an amount equal to 100 percent of the expenses incurred by such State or Indian tribe in engaging in any monitoring, testing, evaluation, or other consultation and cooperation activity under section 10195 of this title with respect to any site. The amount paid by the Secretary under this paragraph shall not exceed \$3,000,000 per year from the date on which the site involved was identified to the date on which the decontamination and decommission of the facility is complete pursuant to section 10197(h) of this title. Any such payment may only be made to a State in which a potential site for a test and evaluation facility has been identified under section 10193 of this title, or to an affected Indian tribe where the potential site has been identified under such section.

**(b) Limitation**

The Secretary shall make any payment to a State under subsection (a) only if such State agrees to provide, to each unit of general local government within the jurisdictional boundaries of which the potential site or effectively selected site involved is located, at least one-tenth of the payments made by the Secretary to such State under such subsection. A State or affected Indian tribe receiving any payment under subsection (a) shall otherwise have discretion to use such payment for whatever purpose it deems necessary, including the State or tribal activities pursuant to agreements entered into in accordance with section 10195 of this title. Annual payments shall be prorated on a 365-day basis to the specified dates.

(Pub. L. 97-425, title II, § 219, Jan. 7, 1983, 96 Stat. 2253.)

**§ 10200. Study of research and development needs for monitored retrievable storage proposal**

Not later than 6 months after January 7, 1983, the Secretary shall submit to the Congress a report describing the research and development activities the Secretary considers necessary to develop the proposal required in section 10161(b) of this title with respect to a monitored retrievable storage facility.

(Pub. L. 97-425, title II, § 220, Jan. 7, 1983, 96 Stat. 2254.)

**§ 10201. Judicial review**

Judicial review of research and development activities under this subchapter shall be in accordance with the provisions of section 10139 of this title.

(Pub. L. 97-425, title II, § 221, Jan. 7, 1983, 96 Stat. 2254.)

**§ 10202. Research on alternatives for permanent disposal of high-level radioactive waste**

The Secretary shall continue and accelerate a program of research, development, and investigation of alternative means and technologies for the permanent disposal of high-level radioactive waste from civilian nuclear activities and Federal research and development activities except that funding shall be made from amounts appropriated to the Secretary for purposes of carrying out this section. Such program shall include examination of various waste disposal options.

(Pub. L. 97-425, title II, § 222, Jan. 7, 1983, 96 Stat. 2254.)

**§ 10203. Technical assistance to non-nuclear weapon states in field of spent fuel storage and disposal****(a) Statement of policy**

It shall be the policy of the United States to cooperate with and provide technical assistance to non-nuclear weapon states in the field of spent fuel storage and disposal.

**(b) Publication of joint notice; update**

(1) Within 90 days of January 7, 1983, the Secretary and the Commission shall publish a joint notice in the Federal Register stating that the United States is prepared to cooperate with and provide technical assistance to non-nuclear weapon states in the fields of at-reactor spent fuel storage; away-from-reactor spent fuel storage; monitored, retrievable spent fuel storage; geologic disposal of spent fuel; and the health, safety, and environmental regulation of such activities. The notice shall summarize the resources that can be made available for international cooperation and assistance in these fields through existing programs of the Department and the Commission, including the availability of: (i) data from past or ongoing research and development projects; (ii) consultations with expert Department or Commission personnel or contractors; and (iii) liaison with private business entities and organizations working in these fields.

(2) The joint notice described in the preceding subparagraph shall be updated and reissued annually for 5 succeeding years.

**(c) Notification to non-nuclear weapon states; expressions of interest**

Following publication of the annual joint notice referred to in paragraph (2),<sup>1</sup> the Secretary of State shall inform the governments of non-nuclear weapon states and, as feasible, the organizations operating nuclear powerplants in such states, that the United States is prepared to cooperate with and provide technical assistance to non-nuclear weapon states in the fields of spent fuel storage and disposal, as set forth in the joint notice. The Secretary of State shall also solicit expressions of interest from non-nuclear weapon state governments and non-nuclear weapon state nuclear power reactor operators concerning their participation in expanded

<sup>1</sup>So in original. Probably should be “paragraph (2) of subsection (b).”