

(4) The term “program” means the electric and magnetic fields research and public information dissemination program established in subsection (a) of this section.

(5) The term “State” means each of the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, Guam, the Virgin Islands, American Samoa, the Trust Territory of the Pacific Islands, and any other commonwealth, territory, or possession of the United States.

(j) Authorization of appropriations

(1) General authorization

There are authorized to be appropriated to the Secretary a total of \$46,000,000 for the period encompassing fiscal years 1993 through 1998 to carry out the provisions of this section, except that not more than \$1,000,000 may be expended in any such fiscal year for activities under subsection (b)(1) of this section. Any amounts appropriated pursuant to this paragraph shall remain available until expended.

(2) Restrictions on use of funds

(A) Administrative expenses of certain funding recipients

Of the total funds provided to any institution under this section, the amount of such funds that may be used for the administrative indirect costs of the institution may not exceed 26 percent of the modified direct costs of the project.

(B) Administrative expenses of the Secretary and the Director

Of the total amount of funds made available under this section for any fiscal year, not more than 10 percent of such funds may be used for authorized administrative expenses of the Secretary and the Director in carrying out this section.

(C) Construction and rehabilitation of facilities and equipment

Funds made available under this section may not be used for the construction or rehabilitation of facilities or fixed equipment.

(k) Sense of Congress

It is the sense of the Congress that remedial action taken by the Government on electric and magnetic fields, if and as necessary, should be based on, and consistent with, scientifically valid research such as the results and findings of the research authorized by this Act.

(l) Sunset provision

All authority under this section shall expire on December 31, 1998.

(Pub. L. 102-486, title XXI, §2118, Oct. 24, 1992, 106 Stat. 3075; Pub. L. 105-23, §1, July 3, 1997, 111 Stat. 237.)

REFERENCES IN TEXT

The Federal Advisory Committee Act, referred to in subsec. (e)(1), is Pub. L. 92-463, Oct. 6, 1972, 86 Stat. 770, as amended, which is set out in the Appendix to Title 5, Government Organization and Employees.

This Act, referred to in subsec. (k), is Pub. L. 102-486, Oct. 24, 1992, 106 Stat. 2776, known as the Energy Policy Act of 1992. For complete classification of this Act to

the Code, see Short Title note set out under section 13201 of this title and Tables.

AMENDMENTS

1997—Subsecs. (c)(5), (e)(5), (g)(3)(B). Pub. L. 105-23, §1(1), substituted “1998” for “1997”.

Subsec. (j)(1). Pub. L. 105-23 substituted “\$46,000,000” for “\$65,000,000” and “1998” for “1997”.

Subsec. (l). Pub. L. 105-23, §1(1), substituted “1998” for “1997”.

TERMINATION OF TRUST TERRITORY OF THE PACIFIC ISLANDS

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

§ 13479. Spark M. Matsunaga Renewable Energy and Ocean Technology Center

(a) Findings

The Congress finds that—

(1) the late Spark M. Matsunaga, United States Senator from Hawaii, was a longstanding champion of research and development of renewable energy, particularly wind and ocean energy, photovoltaics, and hydrogen fuels;

(2) it was Senator Matsunaga’s vision that renewable energy could provide a sustained source of non-polluting energy and that such forms of alternative energy might ultimately be employed in the production of liquid hydrogen as a transportation fuel and energy storage medium available as an energy export;

(3) Senator Matsunaga also believed that research on other aspects of renewable energy and ocean resources, such as advanced materials, could be crucial to full development of energy storage and conversion systems; and

(4) Keahole Point, Hawaii is particularly well-suited as a site to conduct renewable energy and associated marine research.

(b) Purpose

It is the purpose of this section to establish the facilities and equipment located at Keahole Point, Hawaii as a cooperative research and development facility, to be known as the Spark M. Matsunaga Renewable Energy and Ocean Technology Center.

(c) Establishment

The facilities and equipment located at Keahole Point, Hawaii are established as the Spark M. Matsunaga Renewable Energy and Ocean Technology Center (in this section referred to as the “Center”).

(d) Administration

(1) Not later than 180 days after October 24, 1992, the Secretary may authorize a cooperative agreement with a qualified research institution to administer the Center.

(2) For the purpose of paragraph (1), a qualified research institution is a research institution located in the State of Hawaii that has demonstrated competence and will be the lead organization in the State in renewable energy and ocean technologies.

(e) Activities

The Center may carry out research, development, educational, and technology transfer activities on—

- (1) renewable energy;
- (2) energy storage, including the production of hydrogen from renewable energy;
- (3) materials applications related to energy and marine environments;
- (4) other environmental and ocean research concepts, including sea ranching and global climate change; and
- (5) such other matters as the Secretary may direct.

(f) Matching funds

To be eligible for Federal funds under this section, the Center must provide funding in cash or in kind from non-Federal sources for each amount provided by the Secretary.

(g) Authorization of appropriations

There is authorized to be appropriated to the Secretary for carrying out this section such sums as may be necessary, to be derived from sums authorized under section 13471(c) of this title.

(Pub. L. 102-486, title XXI, § 2119, Oct. 24, 1992, 106 Stat. 3080.)

PART C—ADVANCED NUCLEAR REACTORS

§ 13491. Purposes and definitions**(a) Purposes**

The purposes of this part are—

- (1) to require the Secretary to carry out civilian nuclear programs in a way that will lead toward the commercial availability of advanced nuclear reactor technologies; and
- (2) to authorize such activities to further the timely availability of advanced nuclear reactor technologies, including technologies that utilize standardized designs or exhibit passive safety features.

(b) Definitions

For purposes of this part—

- (1) the term “advanced nuclear reactor technologies” means—
 - (A) advanced light water reactors that may be commercially available in the near-term, including but not limited to mid-sized reactors with passive safety features for the generation of commercial electric power from nuclear fission; and
 - (B) other advanced nuclear reactor technologies that may require prototype demonstration prior to commercial availability in the mid- or long-term, including but not limited to high-temperature, gas-cooled reactors and liquid metal reactors, for the generation of commercial electric power from nuclear fission;
- (2) the term “Commission” means the Nuclear Regulatory Commission;
- (3) the term “standardized design” means a design for a nuclear power plant that may be utilized for a multiple number of units or a multiple number of sites; and
- (4) the term “certification” means approval by the Commission of a standardized design.

(Pub. L. 102-486, title XXI, § 2121, Oct. 24, 1992, 106 Stat. 3081.)

REFERENCES IN TEXT

This part, referred to in text, was in the original “this subtitle” meaning subtitle C of title XXI of Pub.

L. 102-486, Oct. 24, 1992, 106 Stat. 3081, which enacted this part and amended sections 12003 and 12004 of this title.

§ 13492. Program, goals, and plan**(a) Program direction**

The Secretary shall conduct a program to encourage the deployment of advanced nuclear reactor technologies that to the maximum extent practicable—

- (1) are cost effective in comparison to alternative sources of commercial electric power of comparable availability and reliability, taking into consideration life cycle environmental costs;
- (2) facilitate the design, licensing, construction, and operation of a nuclear powerplant using a standardized design;
- (3) exhibit enhanced safety features; and
- (4) incorporate features that advance the objectives of the Nuclear Non-Proliferation Act of 1978 [22 U.S.C. 3201 et seq.].

(b) Program goals

The goals of the program established under subsection (a) of this section shall include—

- (1) for the near-term—
 - (A) to facilitate the completion, by September 30, 1996, for certification by the Commission, of standardized advanced light water reactor technology designs that the Secretary determines have the characteristics described in subsection (a)(1) through (4) of this section;
 - (B) to facilitate the completion of submissions, by September 30, 1996, for preliminary design approvals by the Commission of standardized designs for the modular high-temperature gas-cooled reactor technology and the liquid metal reactor technology; and
 - (C) to evaluate by September 30, 1996, actinide burn technology to determine if it can reduce the volume of long-lived fission by-products;
- (2) for the mid-term—
 - (A) to facilitate increased efficiency of enhanced safety, advanced light water reactors to produce electric power at the lowest cost to the customer;
 - (B) to develop advanced reactor concepts that are passively safe and environmentally acceptable; and
 - (C) to complete necessary research and development on high-temperature gas-cooled reactor technology and liquid metal reactor technology to support the selection, by September 30, 1998, of one or both of those technologies as appropriate for prototype demonstration; and
- (3) for the long-term, to complete research and development and demonstration to support the design of advanced reactor technologies capable of providing electric power to a utility grid as soon as practicable but no later than the year 2010.

(c) Program plan

Within 180 days after October 24, 1992, the Secretary shall prepare and submit to the Congress a 5-year program plan to guide the activities