

the Department of Health and Human Services, the National Oceanic and Atmospheric Administration, the Department of Energy, the National Science Foundation, the Environmental Protection Agency, and the Tennessee Valley Authority. The principal representatives of the Department of Agriculture shall serve as the chairman of the subcommittee.”

1991—Subsec. (b). Pub. L. 102-54 substituted “Department of Veterans Affairs” for “Veterans’ Administration”.

1981—Subsec. (h). Pub. L. 97-98 substituted “Subcommittee on Food, Agricultural, and Forestry Research” for “Subcommittee on Food and Renewable Resources”, “Department of Health and Human Services” for “Department of Health, Education, and Welfare”, and “Department of Energy” for “Energy Research and Development Administration”.

1977—Subsec. (h). Pub. L. 95-113 inserted provisions relating to Subcommittee on Food and Renewable Resources.

#### EFFECTIVE DATE OF 1981 AMENDMENT

Amendment by Pub. L. 97-98 effective Dec. 22, 1981, see section 1801 of Pub. L. 97-98, set out as an Effective Date note under section 4301 of Title 7, Agriculture.

#### EFFECTIVE DATE OF 1977 AMENDMENT

Amendment by Pub. L. 95-113 effective Oct. 1, 1977, see section 1901 of Pub. L. 95-113, set out as a note under section 1307 of Title 7, Agriculture.

#### TRANSFER OF FUNCTIONS

“Department of Energy” substituted for “Energy Research and Development Administration” in subsec. (b) pursuant to sections 301(a), 703, and 707 of Pub. L. 95-91, which are classified to sections 7151(a), 7293, and 7297 of this title and which terminated Energy Research and Development Administration and transferred its functions (with certain exceptions) to Secretary of Energy.

#### ABOLITION OF FEDERAL COORDINATING COUNCIL FOR SCIENCE, ENGINEERING, AND TECHNOLOGY; TRANSFER OF FUNCTIONS

The Federal Coordinating Council for Science, Engineering, and Technology, established pursuant to this section, was abolished and its functions transferred to the President by Reorg. Plan No. 1 of 1977, §5A, 42 F.R. 56101, 91 Stat. 1634, set out in the Appendix to Title 5, Government Organization and Employees, effective Feb. 26, 1978, as provided by section 1(b) of Ex. Ord. No. 12039, Feb. 24, 1978, 43 F.R. 8095, set out under section 6601 of this title.

### SUBCHAPTER V—GENERAL PROVISIONS

#### § 6671. Authorization of appropriations

(a) For the purpose of carrying out subchapter II of this chapter, there are authorized to be appropriated—

- (1) \$750,000 for the fiscal year ending June 30, 1976;
- (2) \$500,000 for the period beginning July 1, 1976, and ending September 30, 1976;
- (3) \$3,000,000 for the fiscal year ending September 30, 1977; and
- (4) such sums as may be necessary for each of the succeeding fiscal years.

(b) For the purpose of carrying out subchapter III of this chapter, there are authorized to be appropriated—

- (1) \$750,000 for the fiscal year ending June 30, 1976;
- (2) \$500,000 for the period beginning July 1, 1976, and ending September 30, 1976;
- (3) \$1,000,000 for the fiscal year ending September 30, 1977; and

(4) such sums as may be necessary for each of the succeeding fiscal years.

(Pub. L. 94-282, title V, §501, May 11, 1976, 90 Stat. 472.)

### SUBCHAPTER VI—NATIONAL CRITICAL TECHNOLOGIES PANEL

#### §§ 6681 to 6685. Omitted

#### CODIFICATION

Sections 6681 to 6685 were omitted pursuant to section 6685 which provided that sections 6681 to 6685 ceased to be effective Dec. 31, 2000, and that the National Critical Technologies Panel established by this subchapter terminated on that date.

Section 6681, Pub. L. 94-282, title VI, §601, as added Pub. L. 101-189, div. A, title VIII, §841(a)(1), Nov. 29, 1989, 103 Stat. 1511, established a National Critical Technologies Panel.

Section 6682, Pub. L. 94-282, title VI, §602, as added Pub. L. 101-189, div. A, title VIII, §841(a)(1), Nov. 29, 1989, 103 Stat. 1511, related to membership of the Panel.

Section 6683, Pub. L. 94-282, title VI, §603, as added Pub. L. 101-189, div. A, title VIII, §841(a)(1), Nov. 29, 1989, 103 Stat. 1511; amended Pub. L. 102-245, title V, §503, Feb. 14, 1992, 106 Stat. 24, required the Panel to submit to the President a biennial report on national critical technologies.

Section 6684, Pub. L. 94-282, title VI, §604, as added Pub. L. 101-189, div. A, title VIII, §841(a)(1), Nov. 29, 1989, 103 Stat. 1512, related to administration and funding of Panel.

Section 6685, Pub. L. 94-282, title VI, §605, as added Pub. L. 101-189, div. A, title VIII, §841(a)(1), Nov. 29, 1989, 103 Stat. 1512, provided that sections 6681 to 6685 ceased to be effective Dec. 31, 2000, and that the Panel terminated on that date.

#### § 6686. Science and Technology Policy Institute

##### (a) Establishment

There shall be established a federally funded research and development center to be known as the “Science and Technology Policy Institute” (hereinafter in this section referred to as the “Institute”).

##### (b) Incorporation

The Institute shall be—

(1) administered as a separate entity by an organization currently managing another federally funded research and development center; or

(2) incorporated as a nonprofit membership corporation.

##### (c) Duties

The duties of the Institute shall include the following:

(1) The assembly of timely and authoritative information regarding significant developments and trends in science and technology research and development in the United States and abroad, including information relating to the technologies identified in the most recent biennial report submitted to Congress by the President pursuant to section 6683(d)<sup>1</sup> of this title and developing and maintaining relevant informational and analytical tools.

(2) Analysis and interpretation of the information referred to in paragraph (1) with particular attention to the scope and content of

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

the Federal science and technology research and development portfolio as it affects interagency and national issues.

(3) Initiation of studies and analysis of alternatives available for ensuring the long-term strength of the United States in the development and application of science and technology, including appropriate roles for the Federal Government, State governments, private industry, and institutions of higher education in the development and application of science and technology.

(4) Provision, upon the request of the Director of the Office of Science and Technology Policy, of technical support and assistance—

(A) to the committees and panels of the President's Council of Advisers on Science and Technology that provide advice to the Executive branch on science and technology policy; and

(B) to the interagency committees and panels of the Federal Government concerned with science and technology.

**(d) Consultation on Institute activities**

In carrying out the duties referred to in subsection (c), personnel of the Institute shall—

(1) consult widely with representatives from private industry, institutions of higher education, and nonprofit institutions; and

(2) to the maximum extent practicable, incorporate information and perspectives derived from such consultations in carrying out such duties.

**(e) Annual reports**

The Institute shall submit to the President an annual report on the activities of the Institute under this section. Each report shall be in accordance with requirements prescribed by the President.

**(f) Sponsorship**

(1) The Director of the National Science Foundation shall be the sponsor of the Institute.

(2) The Director of the National Science Foundation, in consultation with the Director of Office of Science and Technology Policy, shall enter into a sponsoring agreement with respect to the Institute. The sponsoring agreement shall require that the Institute carry out such functions as the Director of Office of Science and Technology Policy may specify consistent with the duties referred to in subsection (c). The sponsoring agreement shall be consistent with the general requirements prescribed for such a sponsoring agreement by the Administrator for Federal Procurement Policy.

(Pub. L. 101-510, div. A, title VIII, § 822, Nov. 5, 1990, 104 Stat. 1598; Pub. L. 102-25, title VII, § 704(a)(5), Apr. 6, 1991, 105 Stat. 118; Pub. L. 102-190, div. A, title VIII, § 822(c)(1), Dec. 5, 1991, 105 Stat. 1433; Pub. L. 103-160, div. A, title VIII, § 803, Nov. 30, 1993, 107 Stat. 1701; Pub. L. 104-201, div. A, title X, § 1073(e)(1)(C), Sept. 23, 1996, 110 Stat. 2658; Pub. L. 105-207, title II, § 208(a), July 29, 1998, 112 Stat. 877.)

REFERENCES IN TEXT

Section 6683 of this title, referred to in subsec. (c)(1), was omitted from the Code.

CODIFICATION

Section was enacted as part of the National Defense Authorization Act for Fiscal Year 1991, and not as part of the National Science and Technology Policy, Organization, and Priorities Act of 1976 which comprises this chapter.

AMENDMENTS

1998—Pub. L. 105-207, § 208(a)(1), substituted “Science and Technology Policy Institute” for “Critical Technologies Institute” in section catchline.

Subsec. (a). Pub. L. 105-207, § 208(a)(1), substituted “Science and Technology Policy Institute” for “Critical Technologies Institute”.

Subsec. (b). Pub. L. 105-207, § 208(a)(2), substituted “The” for “As determined by the chairman of the committee referred to in subsection (c) of this section, the”.

Subsec. (c). Pub. L. 105-207, § 208(a)(3), redesignated subsec. (d) as (c) and struck out heading and text of former subsec. (c). Text read as follows:

“(1) The Institute shall have an Operating Committee composed of six members as follows:

“(A) The Director of the Office of Science and Technology Policy, who shall chair the committee.

“(B) The Director of the National Institutes of Health.

“(C) The Under Secretary of Commerce for Technology.

“(D) The Director of the Defense Advanced Research Projects Agency.

“(E) The Director of the National Science Foundation.

“(F) The Under Secretary of Energy having responsibility for science and technology matters.

“(2) The Operating Committee shall meet not less than four times each year.”

Subsec. (c)(1). Pub. L. 105-207, § 208(a)(4)(A)–(C), inserted “science and” after “developments and trends in”, substituted “including” for “with particular emphasis on”, and inserted before period at end “and developing and maintaining relevant informational and analytical tools”.

Subsec. (c)(2). Pub. L. 105-207, § 208(a)(4)(D), substituted “with particular attention to the scope and content of the Federal science and technology research and development portfolio as it affects interagency and national issues” for “to determine whether such developments and trends are likely to affect United States technology policies”.

Subsec. (c)(3). Pub. L. 105-207, § 208(a)(4)(E), amended par. (3) generally. Prior to amendment, par. (3) read as follows: “Initiation of studies and analyses (including systems analyses and technology assessments) of alternatives available for ensuring long-term leadership by the United States in the development and application of the technologies referred to in paragraph (1), including appropriate roles for the Federal Government, State governments, private industry, and institutions of higher education in the development and application of such technologies.”

Subsec. (c)(4). Pub. L. 105-207, § 208(a)(4)(F), (G), inserted “science and” after “Executive branch on” in subpar. (A) and amended subpar. (B) generally. Prior to amendment, subpar. (B) read as follows: “to the committees and panels of the Federal Coordinating Council for Science, Engineering, and Technology that are responsible for planning and coordinating activities of the Federal Government to advance the development of critical technologies and sustain and strengthen the technology base of the United States.”

Subsec. (d). Pub. L. 105-207, § 208(a)(3), (5), redesignated subsec. (e) as (d) and substituted “subsection (c)” for “subsection (d)” in introductory provisions. Former subsec. (d) redesignated (c).

Subsec. (e). Pub. L. 105-207, § 208(a)(6), which directed the substitution of “Institute” for “Committee” each place appearing, was executed by making the substitution for “committee” in two places to reflect the probable intent of Congress.

Pub. L. 105-207, §208(a)(3), redesignated subsec. (f) as (e). Former subsec. (e) redesignated (d).

Subsec. (f). Pub. L. 105-207, §208(a)(3), redesignated subsec. (g) as (f). Former subsec. (f) redesignated (e).

Subsec. (f)(2). Pub. L. 105-207, §208(a)(8), which directed the substitution of "Director of Office of Science and Technology Policy" for "Chairman of Committee" each place appearing, was executed by making the substitution for "chairman of the committee" in two places to reflect the probable intent of Congress.

Pub. L. 105-207, §208(a)(7), substituted "subsection (c)" for "subsection (d)".

Subsec. (g). Pub. L. 105-207, §208(a)(3), redesignated subsec. (g) as (f).

1996—Subsec. (c)(1)(D). Pub. L. 104-201 inserted "Defense" before "Advanced Research Projects Agency".

1993—Subsec. (c). Pub. L. 103-160 amended heading and text of subsec. (c) generally. Prior to amendment, text consisted of pars. (1) to (4) relating to the composition, designation of chairman, terms of service, and meetings of the Operating Committee.

1991—Pub. L. 102-190 amended section generally, substituting present provisions for provisions establishing "Critical Technologies Institute" and providing for incorporation, Board of Trustees, duties of Institute, sponsorship of Institute, deadline for certain actions, and funding.

Subsec. (g)(1). Pub. L. 102-25, §704(a)(5)(A), substituted "appropriated pursuant to this Act" for "available for the Department of Defense" and struck out "in the first fiscal year in which the Institute begins operations" after "activities of the Institute".

Subsec. (g)(2). Pub. L. 102-25, §704(a)(5)(B), struck out "for each fiscal year after the fiscal year referred to in paragraph (1)" after "for the Institute".

#### EFFECTIVE DATE OF 1991 AMENDMENTS

Pub. L. 102-190, title VIII, §822(c)(2), (3), Dec. 5, 1991, 105 Stat. 1435, provided that:

"(2) The amendment made by paragraph (1) [amending this section] shall take effect as of November 5, 1990.

"(3) The sponsoring agreement required by subsection (g) of section 822 of Public Law 101-510 [subsec. (g) of this section], as amended by paragraph (1), shall be entered into not later than February 15, 1992."

Amendment by Pub. L. 102-25 applicable as if included in enactment of Pub. L. 101-510, see section 704(e) of Pub. L. 102-25, set out as a note under section 12321 of Title 10, Armed Forces.

#### AUTHORIZATION OF APPROPRIATIONS

Pub. L. 102-190, title VIII, §822(d)(2), Dec. 5, 1991, 105 Stat. 1435, provided that: "There is authorized to be appropriated for each fiscal year after fiscal year 1991 for the Institute such sums as may be necessary for the operation of the Institute."

#### REFERENCES TO CRITICAL TECHNOLOGIES INSTITUTE

Pub. L. 105-207, title II, §208(b), July 29, 1998, 112 Stat. 878, provided that: "All references in Federal law or regulations to the Critical Technologies Institute shall be considered to be references to the Science and Technology Policy Institute."

### § 6687. Critical technology strategies

#### (a) Requirement for critical technology strategies

(1) The President shall develop and revise as needed a multiyear strategy for federally supported research and development for each critical technology designated by the President. In designating critical technologies for the purpose of this section, the President shall begin with the national critical technologies listed in a biennial report on national critical technologies submitted to Congress by the President pursu-

ant to section 6683(d)<sup>1</sup> of this title. A critical technology strategy may cover more than one critical technology.

(2) The President shall assign responsibilities and develop procedures for conducting executive branch activities to carry out this section.

(3) During the development of a critical technology strategy, the President shall provide for the following:

(A) The development of goals and objectives for the appropriate Federal role in the development of the critical technology or technologies that the President expects to be covered by the strategy.

(B) Close consultation with appropriate representatives of United States industries, members of industry associations, representatives of labor organizations in the United States, members of professional and technical societies in the United States and other persons who are qualified to provide advice and assistance in the development of such critical technology or technologies.

(C) The development of an organizational structure within the Federal Government that is appropriate for coordinating, managing, and reviewing the Federal Government's role in the implementation of the strategy, including allocating roles among Federal departments and agencies.

(D) The development of policies and procedures for synergistic government, industrial, and university participation in the implementation of the strategy.

(E) The development of Federal budget estimates for research and development regarding the critical technology or technologies covered by the strategy for the first five fiscal years covered by that strategy.

#### (b) Report

Not later than February 15 of each year, beginning in 1993, the President shall submit to Congress an annual report describing the implementation of subsection (a). The annual report shall include the following:

(1) For each critical technology designated by the President for the purpose of subsection (a), a description of the progress made in implementing subsection (a) during the fiscal year preceding the fiscal year in which the report is submitted.

(2) A description of each proposed program, if any, for further implementing subsection (a) with respect to a critical technology through the date for the submission of the next annual report.

(3) A copy of each strategy, if any, completed or revised pursuant to subsection (a) during the fiscal year covered by the report.

(Pub. L. 102-190, div. A, title VIII, §822(a), (b), Dec. 5, 1991, 105 Stat. 1432, 1433.)

#### REFERENCES IN TEXT

Section 6683 of this title, referred to in subsec. (a)(1), was omitted from the Code.

#### CODIFICATION

Section was enacted as part of the National Defense Authorization Act for Fiscal Years 1992 and 1993, and

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