

gram, including affiliates, under this section shall not exceed \$50,000 during any two-year period.

(c) Systems and technologies to be developed and demonstrated

Funds made available under this section shall be used to provide for a coordinated and expanded effort for the development and demonstration of, and the dissemination of information with respect to, energy-related systems and supporting technologies appropriate to—

- (1) the needs of local communities and the enhancement of community self-reliance through the use of available resources;
- (2) the use of renewable resources and the conservation of nonrenewable resources;
- (3) the use of existing technologies applied to novel situations and uses;
- (4) applications which are energy-conserving, environmentally sound, small scale, durable and low cost; and
- (5) applications which demonstrate simplicity of installation, operation and maintenance.

(d) Eligible participants; simplified application procedures; report to Secretary; allocation criteria; guidelines

(1) Grants, agreements or contracts under this section may be made to individuals, local non-profit organizations and institutions, State and local agencies, Indian tribes and small businesses. The Secretary shall develop simplified procedures with respect to application for support under this section.

(2) Each grant, agreement or contract under this section shall be governed by the provisions of section 9 of the Federal Nonnuclear Energy Research and Development Act of 1974 [42 U.S.C. 5908] and shall contain effective provisions under which the Secretary shall receive a full written report of activities supported in whole or in part by funds made available by the Secretary; and

(3) In determining the allocation of funds among applicants for support under this section the Secretary may take into consideration:

- (A) the potential for energy savings or energy production;
- (B) the type of fuel saved or produced;
- (C) the potential impact on local or regional energy or environmental problems; and
- (D) such other criteria as the Secretary finds necessary to achieve the purposes of this Act or the purposes of the Federal Nonnuclear Energy Research and Development Act of 1974 [42 U.S.C. 5901 et seq.].

Guidelines implementing this section shall be promulgated with full opportunity for public comment.

(e) Reports to Congress

The Secretary shall—

- (1) prepare and submit no later than October 1, 1977, a detailed report on plans for implementation, including the timing of implementation, of the provisions of this section to the Committee on Energy and Natural Resources of the Senate and the Committee on Science and Technology of the House of Representatives and shall keep such committees fully and currently informed concerning the development of such plans; and

(2) include as a part of the annual report required by section 15(a)(1)¹ of the Federal Nonnuclear Energy Research and Development Act of 1974 beginning in 1977, a full and complete report on the program under this section.

(Pub. L. 95-39, title I, § 112, June 3, 1977, 91 Stat. 186; Pub. L. 95-91, title III, § 301(a), title VII, §§ 703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607.)

Editorial Notes

REFERENCES IN TEXT

This Act, referred to in subsec. (d)(3)(D), means Pub. L. 95-39, June 3, 1977, 91 Stat. 180, which to the extent classified to the Code enacted sections 5816a, 5817a, 5903c, 5907a, 5915a, 5918, and 7001 of this title, amended sections 5813, 5818, and 5912 of this title, and enacted provisions set out as notes under sections 5906, 5907, 5914, and 7001 of this title. For complete classification of this Act to the Code, see Tables.

The Federal Nonnuclear Energy Research and Development Act of 1974, referred to in subsec. (d)(3)(D), is Pub. L. 93-577, Dec. 31, 1974, 88 Stat. 1878, as amended, which is classified generally to this chapter (§ 5901 et seq.). For complete classification of this Act to the Code, see Short Title note set out under section 5901 of this title and Tables.

Section 15 of the Federal Nonnuclear Energy Research and Development Act of 1974, referred to in subsec. (e)(2), was classified to section 5914 of this title and was omitted from the Code.

CODIFICATION

Section was not enacted as part of the Federal Nonnuclear Energy Research and Development Act of 1974 which comprises this chapter.

Statutory Notes and Related Subsidiaries

CHANGE OF NAME

Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

TRANSFER OF FUNCTIONS

“Secretary”, meaning Secretary of Energy, substituted for “Administrator”, “Administration”, and “Assistant Administrator for Conservation and Development”, meaning Energy Research and Development Administration and Administrator thereof, in subssecs. (a), (d), and (e) and “Department of Energy” substituted for “Administration” in subsec. (a) 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 and functions of Administrator thereof (with certain exceptions) to Secretary of Energy.

§ 5908. Patents and inventions

(a) Vesting of title to invention and issuance of patents to United States; prerequisites

Whenever any invention is made or conceived in the course of or under any contract of the Department, other than nuclear energy research, development, and demonstration pursuant to the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.) and the Secretary determines that—

- (1) the person who made the invention was employed or assigned to perform research, de-

¹ See References in Text note below.

velopment, or demonstration work and the invention is related to the work he was employed or assigned to perform, or that it was within the scope of his employment duties, whether or not it was made during working hours, or with a contribution by the Government of the use of Government facilities, equipment, materials, allocated funds, information proprietary to the Government, or services of Government employees during working hours; or

(2) the person who made the invention was not employed or assigned to perform research, development, or demonstration work, but the invention is nevertheless related to the contract or to the work or duties he was employed or assigned to perform, and was made during working hours, or with a contribution from the Government of the sort referred to in clause (1).¹

title to such invention shall vest in the United States, and if patents on such invention are issued they shall be issued to the United States, unless in particular circumstances the Secretary waives all or any part of the rights of the United States to such invention in conformity with the provisions of this section.

(b) Contract as requiring report to Department of invention, etc., made in course of contract

Each contract entered into by the Department with any person shall contain effective provisions under which such person shall furnish promptly to the Department a written report containing full and complete technical information concerning any invention, discovery, improvement, or innovation which may be made in the course of or under such contract.

(c) Waiver by Secretary of rights of United States; regulations prescribing procedures; record of waiver determinations; objectives

Under such regulations in conformity with the provisions of this section as the Secretary shall prescribe, the Secretary may waive all or any part of the rights of the United States under this section with respect to any invention or class of inventions made or which may be made by any person or class of persons in the course of or under any contract of the Department if he determines that the interests of the United States and the general public will be best served by such waiver. The Department shall maintain a publicly available, periodically updated record of waiver determinations. In making such determinations, the Secretary shall have the following objectives:

(1) Making the benefits of the energy research, development, and demonstration program widely available to the public in the shortest practicable time.

(2) Promoting the commercial utilization of such inventions.

(3) Encouraging participation by private persons in the Department's energy research, development, and demonstration program.

(4) Fostering competition and preventing undue market concentration or the creation or maintenance of other situations inconsistent with the antitrust laws.

(d) Considerations applicable at time of contracting for waiver determination by Secretary

In determining whether a waiver to the contractor at the time of contracting will best serve the interests of the United States and the general public, the Secretary shall specifically include as considerations—

(1) the extent to which the participation of the contractor will expedite the attainment of the purposes of the program;

(2) the extent to which a waiver of all or any part of such rights in any or all fields of technology is needed to secure the participation of the particular contractor;

(3) the extent to which the contractor's commercial position may expedite utilization of the research, development, and demonstration program results;

(4) the extent to which the Government has contributed to the field of technology to be funded under the contract;

(5) the purpose and nature of the contract, including the intended use of the results developed thereunder;

(6) the extent to which the contractor has made or will make substantial investment of financial resources or technology developed at the contractor's private expense which will directly benefit the work to be performed under the contract;

(7) the extent to which the field of technology to be funded under the contract has been developed at the contractor's private expense;

(8) the extent to which the Government intends to further develop to the point of commercial utilization the results of the contract effort;

(9) the extent to which the contract objectives are concerned with the public health, public safety, or public welfare;

(10) the likely effect of the waiver on competition and market concentration; and

(11) in the case of a nonprofit educational institution, the extent to which such institution has a technology transfer capability and program, approved by the Secretary as being consistent with the applicable policies of this section.

(e) Considerations applicable to identified invention for waiver determination by Secretary

In determining whether a waiver to the contractor or inventor or rights to an identified invention will best serve the interests of the United States and the general public, the Secretary shall specifically include as considerations paragraphs (4) through (11) of subsection (d) as applied to the invention and—

(1) the extent to which such waiver is a reasonable and necessary incentive to call forth private risk capital for the development and commercialization of the invention; and

(2) the extent to which the plans, intentions, and ability of the contractor or inventor will obtain expeditious commercialization of such invention.

¹ So in original. Probably should be a comma.

(f) Rights subject to reservation where title to invention vested in United States

Whenever title to an invention is vested in the United States, there may be reserved to the contractor or inventor—

(1) a revocable or irrevocable nonexclusive, paid-up license for the practice of the invention throughout the world; and

(2) the rights to such invention in any foreign country where the United States has elected not to secure patent rights and the contractor elects to do so, subject to the rights set forth in paragraphs (2), (3), (6), and (7) of subsection (h): *Provided*, That when specifically requested by the Department and three years after issuance of such a patent, the contractor shall submit the report specified in subsection (h)(1) of this section.

(g) to (i) Repealed. Pub. L. 96-517, § 7(c), Dec. 12, 1980, 94 Stat. 3027**(j) Small business status of applicant for waiver or licenses**

The Secretary shall, in granting waivers or licenses, consider the small business status of the applicant.

(k) Protection of invention, etc., rights by Secretary

The Secretary is authorized to take all suitable and necessary steps to protect any invention or discovery to which the United States holds title, and to require that contractors or persons who acquire rights to inventions under this section protect such inventions.

(l) Department as defense agency of United States for purpose of maintaining secrecy of inventions

The Department shall be considered a defense agency of the United States for the purpose of chapter 17 of title 35.

(m) Definitions

As used in this section—

(1) the term “person” means any individual, partnership, corporation, association, institution, or other entity;

(2) the term “contract” means any contract, grant, agreement, understanding, or other arrangement, which includes research, development, or demonstration work, and includes any assignment, substitution of parties, or subcontract executed or entered into thereunder;

(3) the term “made”, when used in relation to any invention, means the conception or first actual reduction to practice of such invention;

(4) the term “invention” means inventions or discoveries, whether patented or unpatented; and

(5) the term “contractor” means any person having a contract with or on behalf of the Department.

(n) Report concerning applicability of existing patent policies to energy programs; time for submission to President and appropriate congressional committees

Within twelve months after December 31, 1974, the Secretary with the participation of the At-

torney General, the Secretary of Commerce, and other officials as the President may designate, shall submit to the President and the appropriate congressional committees a report concerning the applicability of existing patent policies affecting the programs under this chapter, along with his recommendations for amendments or additions to the statutory patent policy, including his recommendations on mandatory licensing, which he deems advisable for carrying out the purposes of this chapter.

(Pub. L. 93-577, § 9, Dec. 31, 1974, 88 Stat. 1887; Pub. L. 96-517, § 7(c), Dec. 12, 1980, 94 Stat. 3027; Pub. L. 109-58, title X, § 1009(b)(7), Aug. 8, 2005, 119 Stat. 935.)

Editorial Notes

REFERENCES IN TEXT

The Atomic Energy Act of 1954, referred to in subsec. (a), 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.

AMENDMENTS

2005—Subsec. (a). Pub. L. 109-58, § 1009(b)(7)(B), substituted “Secretary” for “Administrator” in introductory and concluding provisions.

Pub. L. 109-58, § 1009(b)(7)(A), substituted “Department” for “Administration” in introductory provisions.

Subsec. (b). Pub. L. 109-58, § 1009(b)(7)(A), substituted “Department” for “Administration” in two places.

Subsec. (c). Pub. L. 109-58, § 1009(b)(7)(B), substituted “Secretary” for “Administrator” wherever appearing in introductory provisions.

Pub. L. 109-58, § 1009(b)(7)(A), substituted “Department” for “Administration” in two places in introductory provisions.

Subsec. (c)(3). Pub. L. 109-58, § 1009(b)(7)(C), substituted “Department’s” for “Administration’s”.

Subsec. (d). Pub. L. 109-58, § 1009(b)(7)(B), substituted “Secretary” for “Administrator” in introductory provisions and par. (11).

Subsec. (e). Pub. L. 109-58, § 1009(b)(7)(B), substituted “Secretary” for “Administrator” in introductory provisions.

Subsec. (f)(2). Pub. L. 109-58, § 1009(b)(7)(A), substituted “Department” for “Administration”.

Subsecs. (j), (k). Pub. L. 109-58, § 1009(b)(7)(B), substituted “Secretary” for “Administrator”.

Subsec. (l). Pub. L. 109-58, § 1009(b)(7)(A), substituted “Department” for “Administration”.

Subsec. (m)(5). Pub. L. 109-58, § 1009(b)(7)(A), substituted “Department” for “Administration”.

Subsec. (n). Pub. L. 109-58, § 1009(b)(7)(B), substituted “Secretary with” for “Administrator with”.

1980—Subsec. (g). Pub. L. 96-517 struck out subsec. (g) which related to licenses for inventions, promulgation of regulations specifying terms and conditions, criteria and procedures for grant of exclusive or partially exclusive licenses, and record of determinations.

Subsec. (h). Pub. L. 96-517 struck out subsec. (h) which related to required terms and conditions in waiver of rights or grant of exclusive or partially exclusive license.

Subsec. (i). Pub. L. 96-517 struck out subsec. (i) which related to publication in the Federal Register by the Administrator of waiver or license termination hearing requirements and availability of records.

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE OF 1980 AMENDMENT

Amendment by Pub. L. 96-517 effective July 1, 1981, but implementing regulations authorized to be issued

earlier, see section 8(f) of Pub. L. 96-517, set out as a note under section 41 of Title 35, Patents.

§ 5909. Relationship to antitrust laws

(a) Nothing in this chapter shall be deemed to convey to any individual, corporation, or other business organization immunity from civil or criminal liability, or to create defenses to actions, under the antitrust laws.

(b) As used in this section, the term “antitrust law” means—

(1) the Act entitled “An Act to protect trade and commerce against unlawful restraints and monopolies”, approved July 2, 1890 (15 U.S.C. 1 et seq.), as amended;

(2) the Act entitled “An Act to supplement existing laws against unlawful restraints and monopolies, and for other purposes”, approved October 15, 1914 (15 U.S.C. 12 et seq.) as amended;

(3) the Federal Trade Commission Act (15 U.S.C. 41 et seq.), as amended;

(4) sections 73 and 74 of the Act entitled “An Act to reduce taxation, to provide revenue for the Government, and for other purposes”, approved August 27, 1894 (15 U.S.C. 8 and 9), as amended; and

(5) the Act of June 19, 1936, chapter 592 (15 U.S.C. 13, 13a, 13b, and 21a).

(Pub. L. 93-577, §10, Dec. 31, 1974, 88 Stat. 1891.)

Editorial Notes

REFERENCES IN TEXT

Act of July 2, 1890, referred to in subsec. (b)(1), is act July 2, 1890, ch. 647, 26 Stat. 209, as amended, known as the Sherman Act, which is classified to sections 1 to 7 of Title 15, Commerce and Trade. For complete classification of this Act to the Code, see Short Title note set out under section 1 of Title 15 and Tables.

Act of October 15, 1914, referred to in subsec. (b)(2), is act Oct. 15, 1914, ch. 323, 38 Stat. 730, as amended, known as the Clayton Act, which is classified generally to sections 12, 13, 14 to 19, 21, and 22 to 27 of Title 15, and sections 52 and 53 of Title 29, Labor. For further details and complete classification of this Act to the Code, see References in Text note set out under section 12 of Title 15 and Tables.

The Federal Trade Commission Act (15 U.S.C. 41 et seq.), as amended, referred to in subsec. (b)(3), is act Sept. 26, 1914, ch. 311, 38 Stat. 717, as amended, which is classified generally to subchapter I (§41 et seq.) of chapter 2 of Title 15. For complete classification of this Act to the Code, see section 58 of Title 15 and Tables.

Act of June 19, 1936, chapter 592, referred to in subsec. (b)(5), is act June 19, 1936, ch. 592, 49 Stat. 1526, popularly known as the Robinson-Patman Antidiscrimination Act and also as the Robinson-Patman Price Discrimination Act, which enacted sections 13a, 13b, and 21a of Title 15, Commerce and Trade, and amended section 13 of Title 15. For complete classification of this Act to the Code, see Short Title note set out under section 13 of Title 15 and Tables.

§ 5910. Repealed. Pub. L. 104-66, title II, § 2021(i), Dec. 21, 1995, 109 Stat. 727

Section, Pub. L. 93-577, §11, Dec. 31, 1974, 88 Stat. 1892; Pub. L. 95-91, title III, §301(a), title VII, §§703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607; 1977 Reorg. Plan No. 1, §5E, 42 F.R. 56101, 91 Stat. 1634, related to environmental evaluations by Administrator of Environmental Protection Agency.

§ 5911. Acquisition of essential materials

(a) The President may, by rule or order, require the allocation of, or the performance

under contracts or orders (other than contracts of employment) relating to, supplies of materials and equipment if he finds that—

(1) such supplies are scarce, critical, and essential to carry out the purposes of this chapter; and

(2) such supplies cannot reasonably be obtained without exercising the authority granted by this section.

(b) A rule or order under subsection (a) shall be considered to be a major rule subject to chapter 8 of title 5.

(Pub. L. 93-577, §12, Dec. 31, 1974, 88 Stat. 1892; Pub. L. 109-58, title X, §1009(b)(8), Aug. 8, 2005, 119 Stat. 935.)

Editorial Notes

AMENDMENTS

2005—Subsec. (b). Pub. L. 109-58 amended subsec. (b) generally. Prior to amendment, subsec. (b) read as follows: “The President shall transmit any rule or order proposed under subsection (a) of this section (bearing an identification number) to each House of Congress on the date on which it is proposed. If such proposed rule or order is transmitted to the Congress such proposed rule or order shall take effect at the end of the first period of thirty calendar days of continuous session of Congress after the date on which such proposed rule or order is transmitted to it unless, between the date of transmittal and the end of the thirty day period, either House passes a resolution stating in substance that such House does not favor such a proposed rule or order.”

§ 5912. Water resource assessments

(a) Assessments by Water Resources Council of water resource requirements and water supply availability for nonnuclear energy technologies; preparation requirements

The Water Resources Council shall undertake assessments of water resource requirements and water supply availability for any nonnuclear energy technology and any probable combinations of technologies which are the subject of Federal research and development efforts authorized by this chapter, and the commercial development of which could have significant impacts on water resources. In the preparation of its assessment, the Council shall—

(1) utilize to the maximum extent practicable data on water supply and demand available in the files of member agencies of the Council;

(2) collect and compile any additional data it deems necessary for complete and accurate assessments;

(3) give full consideration to the constraints upon availability imposed by treaty, compact, court decree, State water laws, and water rights granted pursuant to State and Federal law;

(4) assess the effects of development of such technology on water quality;

(5) include estimates of cost associated with production and management of the required water supply, and the cost of disposal of waste water generated by the proposed facility or process;

(6) assess the environmental, social, and economic impact of any change in use of cur-