

§ 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 currently utilized water resource that may be required by the proposed facility or process; and

(7) consult with the Council on Environmental Quality.

(b) Request by Secretary that Water Resources Council prepare assessment of availability of adequate water resources for proposed demonstration projects; report; publication

For any proposed demonstration project which may involve a significant impact on water resources, the Secretary shall, as a precondition of Federal assistance to that project, request the Water Resources Council to prepare an assessment of water requirements and availability for such project. A report on the assessment shall be published in the Federal Register for public review thirty days prior to the expenditure of Federal funds on the demonstration.

(c) Assessment by Water Resources Council of availability of adequate water resources as precondition for Federal assistance for commercial application of nonnuclear energy technologies

For any proposed Federal assistance for commercial application of energy technologies pursuant to this chapter, the Water Resource¹ Council shall, as a precondition of such Federal assistance, provide to the Secretary an assessment of the availability of adequate water resources for such commercial application and an evaluation of the environmental, social, and

economic impacts of the dedication of water to such uses.

(d) Publication of reports of assessments and evaluations by Water Resources Council in Federal Register; public review and comments

Reports of assessments and evaluations prepared by the Council pursuant to subsections (a) and (c) shall be published in the Federal Register and at least ninety days shall be provided for public review and comment. Comments received shall accompany the reports when they are submitted to the Secretary and shall be available to the public.

(e) Inclusion of survey and analysis of regional and national water resource availability in biennial assessment by Water Resources Council

The Council shall include a broad survey and analysis of regional and national water resource availability for energy development in the biennial assessment required by section 1962a-1(a) of this title.

(f) Secretary as member of Water Resources Council

The Secretary shall, upon enactment of this subsection, be a member of the Council.

(Pub. L. 93-577, §13, Dec. 31, 1974, 88 Stat. 1893; Pub. L. 95-39, title I, §110, June 3, 1977, 91 Stat. 186; Pub. L. 109-58, title X, §1009(b)(9), Aug. 8, 2005, 119 Stat. 935.)

AMENDMENTS

2005—Subsecs. (b) to (d), (f). Pub. L. 109-58 substituted “Secretary” for “Administrator”.

1977—Subsec. (a). Pub. L. 95-39, §110(1), substituted “The Water Resources Council” for “At the request of the Administrator, the Water Resources Council”.

Subsec. (b). Pub. L. 95-39, §110(2), substituted “the Administrator shall, as a precondition of Federal assistance to that project, request the Water Resources Council to prepare an assessment of water requirements and availability for such project” for “the Administrator shall, as a precondition of Federal assistance to that project, prepare or have prepared an assessment of the availability of adequate water resources”.

Subsec. (f). Pub. L. 95-39, §110(3), added subsec. (f).

TRANSFER OF FUNCTIONS

Functions of Council on Environmental Quality and Office of Environmental Quality relating to evaluation provided for by section 5910 of this title transferred to Administrator of Environmental Protection Agency by Reorg. Plan No. 1 of 1977, §5E, 42 F.R. 56101, 91 Stat. 1634, set out in the Appendix to Title 5, Government Organization and Employees, effective Feb. 26, 1978, pursuant to Ex. Ord. No. 12040, Feb. 24, 1978, 43 F.R. 8097, formerly set out under section 5910 of this title.

§ 5913. Evaluation by National Institute of Standards and Technology of energy-related inventions prior to awarding of grants by Secretary; promulgation of regulations

The National Institute of Standards and Technology shall give particular attention to the evaluation of all promising energy-related inventions, particularly those submitted by individual inventors and small companies for the purpose of obtaining direct grants from the Secretary. The National Institute of Standards and

¹ So in original. Probably should be “Resources”.

Technology is authorized to promulgate regulations in the furtherance of this section.

(Pub. L. 93-577, §14, Dec. 31, 1974, 88 Stat. 1894; Pub. L. 95-91, title III, §301(a), title VII, §§703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433.)

AMENDMENTS

1988—Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards” in two places.

TRANSFER OF FUNCTIONS

“Secretary”, meaning Secretary of Energy, substituted in text for “Administrator”, meaning Administrator of Energy Research and Development Administration, 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.

§ 5914. Omitted

CODIFICATION

Section, Pub. L. 93-577, §15, Dec. 31, 1974, 88 Stat. 1894; Pub. L. 95-91, title III, §301(a), title VII, §§703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607; Pub. L. 95-238, title II, §206(b), Feb. 25, 1978, 92 Stat. 61, which required the Secretary to submit annually to Congress a report detailing the activities carried out pursuant to this chapter during the preceding fiscal year, a detailed description of the comprehensive plan for nuclear and non-nuclear energy research, development, and demonstration then in effect under section 5905(a) of this title, a detailed description of the comprehensive nonnuclear research, development, and demonstration program then in effect under section 5905(b) of this title, and a detailed description of the environmental and safety research, development, and demonstration activities carried out and in progress and which provided that those reports would satisfy the reporting requirements of section 5877(a) of this title insofar as is concerned activities, goals, priorities, and plans of the Secretary pertaining to nonnuclear energy, terminated, effective May 15, 2000, pursuant to section 3003 of Pub. L. 104-66, set out as a note under section 1113 of Title 31, Money and Finance. See, also, the 20th item on page 86 of House Document No. 103-7.

§ 5915. Authorization of appropriations

There may be appropriated to the Secretary to carry out the purposes of this chapter such sums as may be authorized in annual authorization Acts.

(Pub. L. 93-577, §16, Dec. 31, 1974, 88 Stat. 1894; Pub. L. 109-58, title X, §1009(b)(10), Aug. 8, 2005, 119 Stat. 935.)

AMENDMENTS

2005—Pub. L. 109-58, in section catchline, substituted “Authorization of appropriations” for “Appropriation authorization”, and in text, substituted “There may be appropriated to the Secretary” for “(a) There may be appropriated to the Administrator” and struck out subsecs. (b) and (c), which related to amounts to be made available to the Council on Environmental Quality and the Water Resources Council and amounts which might be appropriated for demonstration projects.

ALTERNATIVE FUELS PRODUCTION; ENERGY SECURITY RESERVE FUND

Pub. L. 96-126, title II, §201, Nov. 27, 1979, 93 Stat. 970, as amended by Pub. L. 99-190, §101(d) [title II, §201], Dec. 19, 1985, 99 Stat. 1224, 1255, provided that:

“In order to expedite the domestic development and production of alternative fuels and to reduce dependence on foreign supplies of energy resources by establishing such domestic production at maximum levels at the earliest time practicable, there is hereby established in the Treasury of the United States a special fund to be designated the ‘Energy Security Reserve’, to which is appropriated \$19,000,000,000, to remain available until expended: *Provided*, That these funds shall be available for obligation only to stimulate domestic commercial production of alternative fuels and only to the extent provided in advance in appropriations Acts: *Provided further*, That of these funds \$1,500,000,000 shall be available immediately to the Secretary of Energy to carry out the provisions of the Federal Nonnuclear Energy Research and Development Act of 1974, as amended (42 U.S.C. 5901, et seq.), to remain available until expended, for the purchase or production by way of purchase commitments or price guarantees of alternative fuels: *Provided further*, That the Secretary shall immediately begin the contract process for purchases of, or commitments to purchase, or to resell alternative fuels to the extent of appropriations provided herein: *Provided further*, That of these funds an additional \$708,000,000 shall be available immediately to the Secretary of Energy, to remain available until expended, to support preliminary alternative fuels commercialization activities under the Federal Nonnuclear Energy Research and Development Act of 1974, as amended, of which (1) not to exceed \$100,000,000 shall be available for project development feasibility studies, such individual awards not to exceed \$4,000,000: *Provided*, That the Secretary may require repayment of such funds where studies determine that such project proposals have economic or technical feasibility; (2) not to exceed \$100,000,000 shall be available for cooperative agreements with non-Federal entities, such individual agreements not to exceed \$25,000,000 to support commercial scale development of alternative fuel facilities; (3) not to exceed \$500,000,000 shall be available for a reserve to cover any defaults from loan guarantees issued to finance the construction of alternative fuels production facilities as authorized by the Federal Nonnuclear Energy Research and Development Act of 1974, as amended: *Provided*, That the indebtedness guaranteed or committed to be guaranteed under this appropriation shall not exceed the aggregate of \$1,500,000,000; and (4) not to exceed \$8,000,000 shall be available for program management.

“This Act [Pub. L. 96-126] shall be deemed to satisfy the requirements for congressional action pursuant to sections 7(c) and 19 of said Act [section 5906(c) and former section 5919 of this title] with respect to any purchase commitment, price guarantee, or loan guarantee for which funds appropriated hereby are utilized or obligated.

“For the purposes of this appropriation the term ‘alternative fuels’, means gaseous, liquid, or solid fuels and chemical feedstocks derived from coal, shale, tar sands, lignite, peat, biomass, solid waste, unconventional natural gas, and other minerals or organic materials other than crude oil or any derivative thereof.

“Within ninety days following enactment of this Act [Nov. 27, 1979], the Secretary of Energy in his sole discretion shall issue a solicitation for applications which shall include criteria for project development feasibility studies described in this account.

“Loan guarantees for oil shale facilities issued under this appropriation may be used to finance construction of full-sized commercial facilities without regard to the proviso in section 19(b)(1) of said Act [former section 5919(b)(1) of this title] requiring the prior demonstration of a modular facility.

“In any case in which the Government, under the provisions of this appropriation, accepts delivery of and does not resell any alternative fuels, such fuels shall be used by an appropriate Federal agency. Such Federal agency shall pay into the reserve the market price, as determined by the Secretary, for such fuels from sums appropriated to such Federal agency for the purchase of