

(e) Prohibited acts

An individual or entity that violates any requirement under this section (including any regulation promulgated pursuant to subsection (d)) shall be considered to have committed a prohibited act under section 2614 of this title.

(Pub. L. 94-469, title VI, §601, as added Pub. L. 111-199, §2(a), July 7, 2010, 124 Stat. 1359; amended Pub. L. 114-125, title VIII, §802(d)(2), Feb. 24, 2016, 130 Stat. 210.)

CHANGE OF NAME

“Commissioner of U.S. Customs and Border Protection” substituted for “Commissioner of Customs and Border Protection” in subsec. (d)(4) to reflect the probable intent of section 802(d)(2) of Pub. L. 114-125, set out as a note under section 211 of Title 6, Domestic Security, which provided that on or after Feb. 24, 2016, any reference to the “Commissioner of Customs” or the “Commissioner of the Customs Service” would be deemed to be a reference to the Commissioner of U.S. Customs and Border Protection.

MODIFICATION OF REGULATION

Pub. L. 111-199, §4, July 7, 2010, 124 Stat. 1367, provided that: “Not later than 180 days after the date of promulgation of regulations pursuant to section 601(d) of the Toxic Substances Control Act [15 U.S.C. 2697(d)] (as amended by section 2), the Secretary of Housing and Urban Development shall update the regulation contained in section 3280.308 of title 24, Code of Federal Regulations (as in effect on the date of enactment of this Act [July 7, 2010]), to ensure that the regulation reflects the standards established by section 601 of the Toxic Substances Control Act [15 U.S.C. 2697].”

CHAPTER 54—AUTOMOTIVE PROPULSION RESEARCH AND DEVELOPMENT

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§ 2701. Congressional findings and purpose

(a) The Congress finds that—

(1) existing automobile propulsion systems, on the average, fall short of meeting the long-term goals of the Nation with respect to environmental protection, and energy conservation;

(2) advanced alternatives to existing automobile propulsion systems could, with sufficient research and development effort, meet these long-term goals, and have the potential to be mass produced at reasonable cost; and advanced automobile propulsion systems could operate with significantly less adverse environmental impact and fuel consumption than existing automobiles, while meeting all of the other requirements of Federal law;

(3) insufficient resources are being devoted to both research on and development of advanced automobile propulsion system technology;

(4) an expanded research and development effort with respect to advance automobile propulsion system technology would complement and stimulate corresponding efforts by the private sector and would encourage automobile manufacturers to consider seriously the incorporation of such advanced technology into automobiles and automobile components; and

(5) the Nation’s energy and environmental problems are urgent, and therefore advanced automobile propulsion system technology should be developed, tested, demonstrated, and prepared for manufacture within the shortest practicable time.

(b) It is therefore the purpose of the Congress, in this chapter to—

(1)(A) direct the Department of Energy to make contracts and grants for research and development leading to the development of advanced automobile propulsion systems within 5 years of February 25, 1978, or within the shortest practicable time consistent with appropriate research and development techniques, and (B) evaluate and disseminate information with respect to advanced automobile propulsion system technology;

(2) preserve, enhance, and facilitate competition in research, development, and production with respect to existing and alternative automobile propulsion systems; and

(3) supplement, but neither supplant nor duplicate, the automotive propulsion system research and development efforts of private industry.

(Pub. L. 95-238, title III, §302, Feb. 25, 1978, 92 Stat. 78.)

SHORT TITLE

Pub. L. 95-238, title III, §301, Feb. 25, 1978, 92 Stat. 78, provided that: “This title [enacting this chapter and amending section 2451 of Title 42, The Public Health and Welfare] may be cited as the ‘Automotive Propulsion Research and Development Act of 1978.’”

§ 2702. Definitions

As used in this chapter, the term—

(1) “advanced automobile propulsion system” means an energy conversion system, including engine and drive train, which utilizes advanced technology and is suitable for use in an advanced automobile;

(2) “developer” means any person engaged in whole or in part in research or other efforts directed toward the development of advanced automobile technology;

(3) “fuel” means any energy source capable of propelling an automobile;

(4) “fuel economy” refers to the average distance traveled in representative driving conditions by an automobile per unit of fuel consumed, as determined by the Administrator of the Environmental Protection Agency in accordance with test procedures which shall be established by rule and shall require that fuel economy tests be conducted in conjunction with the exhaust emissions tests mandated by section 7525 of title 42;

(5) “intermodal adaptability” refers to any characteristics of an automobile which enable it to be operated or carried, or which facilitate its operation or carriage, by or on an alternative mode or other system of transportation;

(6) “reliability” refers to (A) the average time and distance over which normal automobile operation can be expected without significant repair or replacement of parts, and (B) the ease of diagnosis and repair of an automobile, its systems, and parts in the event of failure during use or damage from an accident;

(7) “safety” refers to the performance of an automobile propulsion system or equipment in such a manner that the public is protected against unreasonable risk of accident and against unreasonable risk of death or bodily injury in case of accident;

(8) “State” means any State, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, or any other territory or possession of the United States.

(Pub. L. 95-238, title III, §303, Feb. 25, 1978, 92 Stat. 79.)

REFERENCES IN TEXT

Section 7525 of title 42, referred to in par. (4), was in the original “section 206 of the Clean Air Act (42 U.S.C. 1857f-5)”, meaning act July 14, 1955, ch. 360, §206, as added Dec. 31, 1970, Pub. L. 91-604, §8(a), 84 Stat. 1694, which was formerly classified to section 1857f-5 of Title 42, The Public Health and Welfare, and which is classified to section 7525 of Title 42 pursuant to the general revision of the Clean Air Act by Pub. L. 95-95, Aug. 7, 1977, 91 Stat. 685.

§ 2703. Advanced systems program implementation by Secretary of Energy

(a) Establishment and conduct of program

The Secretary of Energy shall establish, within the Department of Energy, a program to insure the development of advanced automobile propulsion systems within 5 years after February 25, 1978, or within the shortest practicable time, consistent with appropriate research and development technique. In conducting such program, the Secretary of Energy shall—

(1) establish and conduct new projects and accelerate existing projects which may contribute to the development of advanced automobile propulsion systems;

(2) give priority attention to the development of advanced propulsion systems with appropriate attention to those advanced propulsion systems which are flexible in the type of fuel used; and

(3) insure that research and development under this chapter supplements, but neither supplants nor duplicates, the automotive research and development efforts of private industry.

(b) Contracts and grants with Federal agencies, laboratories, etc.

The Secretary of Energy shall, in fulfilling his responsibilities under this chapter, make contracts and grants with any Federal agency, laboratory, university, nonprofit organization, industrial organization, public or private agency,

institution, organization, corporation, partnership, or individual for research and development leading to advanced automobile propulsion systems which are likely to help meet the Nation’s long-term goals with respect to fuel economy, environmental protection, and other objectives.

(c) Federal laboratories; priority for financial assistance; functions

In providing financial assistance under this chapter, the Secretary of Energy shall give full consideration to the capabilities of Federal laboratories, except that not more than 60 per centum of the funds appropriated pursuant to the authorization under section 2710 of this title shall be directly expended in Federal laboratories. In accordance with section 2706 of this title, such laboratories shall be available for testing components and subsystems which, in the Secretary of Energy’s judgment, is likely to contribute to the development of advanced automobile propulsion systems.

(d) Evaluations, testing, information dissemination, and reporting functions

The Secretary of Energy shall conduct evaluations, arrange for tests, and disseminate information pursuant to section 2706 of this title and submit reports required under section 2709 of this title.

(e) Intensification of research in basic areas by Department of Energy

The Department of Energy shall intensify research in key basic science areas in which the lack of knowledge limits development of advanced automobile propulsion systems.

(f) Program provisions and requirements; administrative and judicial procedures applicable to contracts, grants, or projects; additional information for reports and budget submissions; nonretroactivity of provisions and requirements

(1) The Secretary of Energy shall insure that the conduct of the program as defined in subsection (a) of this section—

(A) supplements the automotive propulsion system research and development efforts of industry;

(B) is not formulated in a manner that will supplant private industry research and development or displace or lessen industry’s research and development; and

(C) avoids duplication of private research and development.

(2) To that end, the Secretary of Energy shall issue administrative regulations, within 60 days after February 25, 1978, which shall specify procedures, standards, and criteria for the timely review for compliance of each new contract, grant, Department of Energy project, or other agency project funded or to be funded under the authority of this Act. Such regulations shall require that the Secretary of Energy or his designee shall certify that each such contract, grant, or project satisfies the requirement of this subsection, and shall include in such certification a discussion of the relationship of any related or comparable industry research and development, in terms of this subsection, to the proposed research and development under the