take effect with respect to actions brought after December $11,\,1980.^{\prime\prime}$

§9659. Citizens suits

(a) Authority to bring civil actions

Except as provided in subsections (d) and (e) of this section and in section 9613(h) of this title (relating to timing of judicial review), any person may commence a civil action on his own behalf—

(1) against any person (including the United States and any other governmental instrumentality or agency, to the extent permitted by the eleventh amendment to the Constitution) who is alleged to be in violation of any standard, regulation, condition, requirement, or order which has become effective pursuant to this chapter (including any provision of an agreement under section 9620 of this title, relating to Federal facilities); or

(2) against the President or any other officer of the United States (including the Administrator of the Environmental Protection Agency and the Administrator of the ATSDR) where there is alleged a failure of the President or of such other officer to perform any act or duty under this chapter, including an act or duty under section 9620 of this title (relating to Federal facilities), which is not discretionary with the President or such other officer.

Paragraph (2) shall not apply to any act or duty under the provisions of section 9660 of this title (relating to research, development, and demonstration).

(b) Venue

(1) Actions under subsection (a)(1)

Any action under subsection (a)(1) of this section shall be brought in the district court for the district in which the alleged violation occurred.

(2) Actions under subsection (a)(2)

Any action brought under subsection (a)(2) of this section may be brought in the United States District Court for the District of Columbia.

(c) Relief

The district court shall have jurisdiction in actions brought under subsection (a)(1) of this section to enforce the standard, regulation, condition, requirement, or order concerned (including any provision of an agreement under section 9620 of this title), to order such action as may be necessary to correct the violation, and to impose any civil penalty provided for the violation. The district court shall have jurisdiction in actions brought under subsection (a)(2) of this section to order the President or other officer to perform the act or duty concerned.

(d) Rules applicable to subsection (a)(1) actions (1) Notice

(1) Notice

No action may be commenced under subsection (a)(1) of this section before 60 days after the plaintiff has given notice of the violation to each of the following:

(A) The President.

(B) The State in which the alleged violation occurs.

(C) Any alleged violator of the standard, regulation, condition, requirement, or order concerned (including any provision of an agreement under section 9620 of this title).

Notice under this paragraph shall be given in such manner as the President shall prescribe by regulation.

(2) Diligent prosecution

No action may be commenced under paragraph (1) of subsection (a) of this section if the President has commenced and is diligently prosecuting an action under this chapter, or under the Solid Waste Disposal Act [42 U.S.C. 6901 et seq.] to require compliance with the standard, regulation, condition, requirement, or order concerned (including any provision of an agreement under section 9620 of this title).

(e) Rules applicable to subsection (a)(2) actions

No action may be commenced under paragraph (2) of subsection (a) of this section before the 60th day following the date on which the plaintiff gives notice to the Administrator or other department, agency, or instrumentality that the plaintiff will commence such action. Notice under this subsection shall be given in such manner as the President shall prescribe by regulation.

(f) Costs

The court, in issuing any final order in any action brought pursuant to this section, may award costs of litigation (including reasonable attorney and expert witness fees) to the prevailing or the substantially prevailing party whenever the court determines such an award is appropriate. The court may, if a temporary restraining order or preliminary injunction is sought, require the filing of a bond or equivalent security in accordance with the Federal Rules of Civil Procedure.

(g) Intervention

In any action under this section, the United States or the State, or both, if not a party may intervene as a matter of right. For other provisions regarding intervention, see section 9613 of this title.

(h) Other rights

This chapter does not affect or otherwise impair the rights of any person under Federal, State, or common law, except with respect to the timing of review as provided in section 9613(h) of this title or as otherwise provided in section 9658 of this title (relating to actions under State law).

(i) **Definitions**

The terms used in this section shall have the same meanings as when used in subchapter I of this chapter.

(Pub. L. 96-510, title III, §310, as added Pub. L. 99-499, title II, §206, Oct. 17, 1986, 100 Stat. 1703.)

References in Text

This chapter, referred to in subsecs. (a), (d)(2), and (h), was in the original "this Act", meaning Pub. L. 96-510, Dec. 11, 1980, 94 Stat. 2767, known as the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, which is classified principally to this chapter. For complete classification of this Act to

the Code, see Short Title note set out under section 9601 of this title and Tables.

The Solid Waste Disposal Act, referred to in subsec. (d)(2), is title II of Pub. L. 89–272, Oct. 20, 1965, 79 Stat. 997, as amended generally by Pub. L. 94–580, \$2, Oct. 21, 1976, 90 Stat. 2795, which is classified generally to chapter 82 (\$6901 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 6901 of this title and Tables.

The Federal Rules of Civil Procedure, referred to in subsec. (f), are set out in the Appendix to Title 28, Judiciary and Judicial Procedure.

§9660. Research, development, and demonstration

(a) Hazardous substance research and training (1) Authorities of Secretary

The Secretary of Health and Human Services (hereinafter in this subsection referred to as the Secretary), in consultation with the Administrator, shall establish and support a basic research and training program (through grants, cooperative agreements, and contracts) consisting of the following:

(A) Basic research (including epidemiologic and ecologic studies) which may include each of the following:

(i) Advanced techniques for the detection, assessment, and evaluation of the effects on human health of hazardous substances.

(ii) Methods to assess the risks to human health presented by hazardous substances.

(iii) Methods and technologies to detect hazardous substances in the environment and basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances.

(B) Training, which may include each of the following:

(i) Short courses and continuing education for State and local health and environment agency personnel and other personnel engaged in the handling of hazardous substances, in the management of facilities at which hazardous substances are located, and in the evaluation of the hazards to human health presented by such facilities.

(ii) Graduate or advanced training in environmental and occupational health and safety and in the public health and engineering aspects of hazardous waste control.

(iii) Graduate training in the geosciences, including hydrogeology, geological engineering, geophysics, geochemistry, and related fields necessary to meet professional personnel needs in the public and private sectors and to effectuate the purposes of this chapter.

(2) Director of NIEHS

The Director of the National Institute for Environmental Health Sciences shall cooperate fully with the relevant Federal agencies referred to in subparagraph (A) of paragraph (5) in carrying out the purposes of this section.

(3) Recipients of grants, etc.

A grant, cooperative agreement, or contract may be made or entered into under paragraph

(1) with an accredited institution of higher education. The institution may carry out the research or training under the grant, cooperative agreement, or contract through contracts, including contracts with any of the following:

(A) Generators of hazardous wastes.

(B) Persons involved in the detection, assessment, evaluation, and treatment of hazardous substances.

(C) Owners and operators of facilities at which hazardous substances are located.

(D) State and local governments.

(4) Procedures

In making grants and entering into cooperative agreements and contracts under this subsection, the Secretary shall act through the Director of the National Institute for Environmental Health Sciences. In considering the allocation of funds for training purposes, the Director shall ensure that at least one grant, cooperative agreement, or contract shall be awarded for training described in each of clauses (i), (ii), and (iii) of paragraph (1)(B). Where applicable, the Director may choose to operate training activities in cooperation with the Director of the National Institute for Occupational Safety and Health. The procedures applicable to grants and contracts under title IV of the Public Health Service Act [42 U.S.C. 281 et seq.] shall be followed under this subsection.

(5) Advisory council

To assist in the implementation of this subsection and to aid in the coordination of research and demonstration and training activities funded from the Fund under this section, the Secretary shall appoint an advisory council (hereinafter in this subsection referred to as the "Advisory Council") which shall consist of representatives of the following:

(A) The relevant Federal agencies.

(B) The chemical industry.

(C) The toxic waste management industry.

(D) Institutions of higher education.

(E) State and local health and environmental agencies.

(F) The general public.

(6) Planning

Within nine months after October 17, 1986, the Secretary, acting through the Director of the National Institute for Environmental Health Sciences, shall issue a plan for the implementation of paragraph (1). The plan shall include priorities for actions under paragraph (1) and include research and training relevant to scientific and technological issues resulting from site specific hazardous substance response experience. The Secretary shall, to the maximum extent practicable, take appropriate steps to coordinate program activities under this plan with the activities of other Federal agencies in order to avoid duplication of effort. The plan shall be consistent with the need for the development of new technologies for meeting the goals of response actions in accordance with the provisions of this chapter. The Advisory Council shall be provided an opportunity to review and comment on the plan and priorities and assist appropriate coordina-