

tion to the costs of energy derived from fossil fuels and other sources;

(C) studies of the transportation and storage problems and other problems associated with the development of energy and materials recovery technology, including curbside source separation;

(D) the evaluation and establishment of priorities among ways of conserving energy or materials which contribute to the waste stream;

(E) comparison of the relative total costs between conserving resources and disposing of or recovering such waste; and

(F) studies of impediments to resource conservation or recovery, including business practices, transportation requirements, or storage difficulties.

Such studies and analyses shall also include studies of other sources of solid waste from which energy and materials may be recovered or minimized.

(d) Size of waste-to-energy facilities

Notwithstanding any of the above requirements, it is the intention of this chapter and the planning process developed pursuant to this chapter that in determining the size of the waste-to-energy facility, adequate provision shall be given to the present and reasonably anticipated future needs of the recycling and resource recovery interest within the area encompassed by the planning process.

(Pub. L. 89-272, title II, §4003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2814; amended Pub. L. 96-463, §5(b), Oct. 15, 1980, 94 Stat. 2056; Pub. L. 96-482, §§18, 32(d), Oct. 21, 1980, 94 Stat. 2345, 2353; Pub. L. 98-616, title III, §301(b), title V, §502(h), Nov. 8, 1984, 98 Stat. 3267, 3277.)

Editorial Notes

CODIFICATION

Another section 5(b) of Pub. L. 96-463 amended section 6948 of this title.

AMENDMENTS

1984—Subsecs. (b), (c). Pub. L. 98-616, §502(h), redesignated the subsec. (b) entitled energy and materials conservation and recovery feasibility planning and assistance, as subsec. (c).

Subsec. (d). Pub. L. 98-616, §301(b), added subsec. (d). 1980—Subsec. (a). Pub. L. 96-463, §5(b), and Pub. L. 96-482, §32(d)(2), designated existing provisions as subsec. (a).

Subsec. (a)(2). Pub. L. 96-482, §18(a), substituted reference to sections 6944(b) and 6945(a) of this title for reference to section 6945(c) of this title.

Subsec. (a)(5). Pub. L. 96-482, §§18(b), 32(d)(1), substituted “State or local government” for “local government” and required State plan recognition of right to enter into long-term contracts for operation of resource recovery facilities and to secure long-term markets for material and energy recovered from such facilities, and required State plan recognition of right to negotiate long-term contracts and to negotiate and enter into such contracts for conserving materials or energy by reducing the volume of waste.

Subsec. (b). Pub. L. 96-463, §5(b), added subsec. (b) relating to discretionary plan provisions for recycled oil.

Pub. L. 96-482, §32(d)(2), added subsec. (b) relating to energy and materials conservation and recovery feasibility planning and assistance.

§ 6944. Criteria for sanitary landfills; sanitary landfills required for all disposal

(a) Criteria for sanitary landfills

Not later than one year after October 21, 1976, after consultation with the States, and after notice and public hearings, the Administrator shall promulgate regulations containing criteria for determining which facilities shall be classified as sanitary landfills and which shall be classified as open dumps within the meaning of this chapter. At a minimum, such criteria shall provide that a facility may be classified as a sanitary landfill and not an open dump only if there is no reasonable probability of adverse effects on health or the environment from disposal of solid waste at such facility. Such regulations may provide for the classification of the types of sanitary landfills.

(b) Disposal required to be in sanitary landfills, etc.

For purposes of complying with section 6943(2)¹ of this title each State plan shall prohibit the establishment of open dumps and contain a requirement that disposal of all solid waste within the State shall be in compliance with such section 6943(2)¹ of this title.

(c) Effective date

The prohibition contained in subsection (b) shall take effect on the date six months after the date of promulgation of regulations under subsection (a).

(Pub. L. 89-272, title II, §4004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2815; amended Pub. L. 98-616, title III, §302(b), Nov. 8, 1984, 98 Stat. 3268.)

Editorial Notes

REFERENCES IN TEXT

Section 6943(2) of this title, referred to in subsec. (b), was redesignated section 6943(a)(2) of this title by Pub. L. 96-463, §5(b), Oct. 15, 1980, 94 Stat. 2056, and Pub. L. 96-482, §32(d)(2), Oct. 21, 1980, 94 Stat. 2353.

AMENDMENTS

1984—Subsec. (c). Pub. L. 98-616 struck out “or on the date of approval of the State plan, whichever is later” at end.

Executive Documents

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, then to Federal Coordinator for Alaska Natural Gas Transportation Projects, see note set out under section 6903 of this title.

§ 6945. Upgrading of open dumps

(a) Closing or upgrading of existing open dumps

Upon promulgation of criteria under section 6907(a)(3) of this title, any solid waste management practice or disposal of solid waste or hazardous waste which constitutes the open dump-

¹ See References in Text note below.

ing of solid waste or hazardous waste is prohibited, except in the case of any practice or disposal of solid waste under a timetable or schedule for compliance established under this section. The prohibition contained in the preceding sentence shall be enforceable under section 6972 of this title against persons engaged in the act of open dumping. For purposes of complying with section 6943(a)(2) and 6943(a)(3) of this title, each State plan shall contain a requirement that all existing disposal facilities or sites for solid waste in such State which are open dumps listed in the inventory under subsection (b) shall comply with such measures as may be promulgated by the Administrator to eliminate health hazards and minimize potential health hazards. Each such plan shall establish, for any entity which demonstrates that it has considered other public or private alternatives for solid waste management to comply with the prohibition on open dumping and is unable to utilize such alternatives to so comply, a timetable or schedule for compliance for such practice or disposal of solid waste which specifies a schedule of remedial measures, including an enforceable sequence of actions or operations, leading to compliance with the prohibition on open dumping of solid waste within a reasonable time (not to exceed 5 years from the date of publication of criteria under section 6907(a)(3) of this title).

(b) Inventory

To assist the States in complying with section 6943(a)(3) of this title, not later than one year after promulgation of regulations under section 6944 of this title, the Administrator, with the cooperation of the Bureau of the Census shall publish an inventory of all disposal facilities or sites in the United States which are open dumps within the meaning of this chapter.

(c) Control of hazardous disposal

(1)(A) Not later than 36 months after November 8, 1984, each State shall adopt and implement a permit program or other system of prior approval and conditions to assure that each solid waste management facility within such State which may receive hazardous household waste or hazardous waste due to the provision of section 6921(d) of this title for small quantity generators (otherwise not subject to the requirement for a permit under section 6925 of this title) will comply with the applicable criteria promulgated under section 6944(a) and 6907(a)(3) of this title.

(B) Not later than eighteen months after the promulgation of revised criteria under subsection¹ 6944(a) of this title (as required by section 6949a(c) of this title), each State shall adopt and implement a permit program or other system or² prior approval and conditions, to assure that each solid waste management facility within such State which may receive hazardous household waste or hazardous waste due to the provision of section 6921(d) of this title for small quantity generators (otherwise not subject to the requirement for a permit under section 6925

of this title) will comply with the criteria revised under section 6944(a) of this title.

(C) The Administrator shall determine whether each State has developed an adequate program under this paragraph. The Administrator may make such a determination in conjunction with approval, disapproval or partial approval of a State plan under section 6947 of this title.

(2)(A) In any State that the Administrator determines has not adopted an adequate program for such facilities under paragraph (1)(B) by the date provided in such paragraph, the Administrator may use the authorities available under sections 6927 and 6928 of this title to enforce the prohibition contained in subsection (a) of this section with respect to such facilities.

(B) For purposes of this paragraph, the term "requirement of this subchapter" in section 6928 of this title shall be deemed to include criteria promulgated by the Administrator under sections 6907(a)(3) and 6944(a) of this title, and the term "hazardous wastes" in section 6927 of this title shall be deemed to include solid waste at facilities that may handle hazardous household wastes or hazardous wastes from small quantity generators.

(d) State programs for control of coal combustion residuals

(1) Approval by Administrator

(A) In general

Each State may submit to the Administrator, in such form as the Administrator may establish, evidence of a permit program or other system of prior approval and conditions under State law for regulation by the State of coal combustion residuals units that are located in the State that, after approval by the Administrator, will operate in lieu of regulation of coal combustion residuals units in the State by—

(i) application of part 257 of title 40, Code of Federal Regulations (or successor regulations promulgated pursuant to sections 6907(a)(3) and 6944(a) of this title); or

(ii) implementation by the Administrator of a permit program under paragraph (2)(B).

(B) Requirement

Not later than 180 days after the date on which a State submits the evidence described in subparagraph (A), the Administrator, after public notice and an opportunity for public comment, shall approve, in whole or in part, a permit program or other system of prior approval and conditions submitted under subparagraph (A) if the Administrator determines that the program or other system requires each coal combustion residuals unit located in the State to achieve compliance with—

(i) the applicable criteria for coal combustion residuals units under part 257 of title 40, Code of Federal Regulations (or successor regulations promulgated pursuant to sections 6907(a)(3) and 6944(a) of this title); or

(ii) such other State criteria that the Administrator, after consultation with the State, determines to be at least as protective as the criteria described in clause (i).

¹ So in original. Probably should be "section".

² So in original. Probably should be "or".

(C) Permit requirements

The Administrator shall approve under subparagraph (B)(ii) a State permit program or other system of prior approval and conditions that allows a State to include technical standards for individual permits or conditions of approval that differ from the criteria under part 257 of title 40, Code of Federal Regulations (or successor regulations promulgated pursuant to sections 6907(a)(3) and 6944(a) of this title) if, based on site-specific conditions, the Administrator determines that the technical standards established pursuant to a State permit program or other system are at least as protective as the criteria under that part.

(D) Program review and notification**(i) Program review**

The Administrator shall review a State permit program or other system of prior approval and conditions that is approved under subparagraph (B)—

(I) from time to time, as the Administrator determines necessary, but not less frequently than once every 12 years;

(II) not later than 3 years after the date on which the Administrator revises the applicable criteria for coal combustion residuals units under part 257 of title 40, Code of Federal Regulations (or successor regulations promulgated pursuant to sections 6907(a)(3) and 6944(a) of this title);

(III) not later than 1 year after the date of a significant release (as defined by the Administrator), that was not authorized at the time the release occurred, from a coal combustion residuals unit located in the State; and

(IV) on request of any other State that asserts that the soil, groundwater, or surface water of the State is or is likely to be adversely affected by a release or potential release from a coal combustion residuals unit located in the State for which the program or other system was approved.

(ii) Notification and opportunity for a public hearing

The Administrator shall provide to a State notice of deficiencies with respect to the permit program or other system of prior approval and conditions of the State that is approved under subparagraph (B), and an opportunity for a public hearing, if the Administrator determines that—

(I) a revision or correction to the permit program or other system of prior approval and conditions of the State is necessary to ensure that the permit program or other system of prior approval and conditions continues to ensure that each coal combustion residuals unit located in the State achieves compliance with the criteria described in clauses (i) and (ii) of subparagraph (B);

(II) the State has not implemented an adequate permit program or other system of prior approval and conditions

that requires each coal combustion residuals unit located in the State to achieve compliance with the criteria described in subparagraph (B); or

(III) the State has, at any time, approved or failed to revoke a permit for a coal combustion residuals unit, a release from which adversely affects or is likely to adversely affect the soil, groundwater, or surface water of another State.

(E) Withdrawal**(i) In general**

The Administrator shall withdraw approval of a State permit program or other system of prior approval and conditions if, after the Administrator provides notice and an opportunity for a public hearing to the relevant State under subparagraph (D)(ii), the Administrator determines that the State has not corrected the deficiencies identified by the Administrator under subparagraph (D)(ii).

(ii) Reinstatement of State approval

Any withdrawal of approval under clause (i) shall cease to be effective on the date on which the Administrator makes a determination that the State has corrected the deficiencies identified by the Administrator under subparagraph (D)(ii).

(2) Nonparticipating states**(A) Definition of nonparticipating State**

In this paragraph, the term “nonparticipating State” means a State—

(i) for which the Administrator has not approved a State permit program or other system of prior approval and conditions under paragraph (1)(B);

(ii) the Governor of which has not submitted to the Administrator for approval evidence to operate a State permit program or other system of prior approval and conditions under paragraph (1)(A);

(iii) the Governor of which provides notice to the Administrator that, not fewer than 90 days after the date on which the Governor provides the notice to the Administrator, the State will relinquish an approval under paragraph (1)(B) to operate a permit program or other system of prior approval and conditions; or

(iv) for which the Administrator has withdrawn approval for a permit program or other system of prior approval and conditions under paragraph (1)(E).

(B) Implementation of permit program

In the case of a nonparticipating State and subject to the availability of appropriations specifically provided in an appropriations Act to carry out a program in a nonparticipating State, the Administrator shall implement a permit program to require each coal combustion residuals unit located in the nonparticipating State to achieve compliance with applicable criteria established by the Administrator under part 257 of title 40, Code of Federal Regulations (or successor regulations promulgated pursuant to sections 6907(a)(3) and 6944(a) of this title).

(3) Applicability of criteria

The applicable criteria for coal combustion residuals units under part 257 of title 40, Code of Federal Regulations (or successor regulations promulgated pursuant to sections 6907(a)(3) and 6944(a) of this title), shall apply to each coal combustion residuals unit in a State unless—

(A) a permit under a State permit program or other system of prior approval and conditions approved by the Administrator under paragraph (1)(B) is in effect for the coal combustion residuals unit; or

(B) a permit issued by the Administrator in a State in which the Administrator is implementing a permit program under paragraph (2)(B) is in effect for the coal combustion residuals unit.

(4) Prohibition on open dumping

(A) In general

The Administrator may use the authority provided by sections 6927 and 6928 of this title to enforce the prohibition on open dumping under subsection (a) with respect to a coal combustion residuals unit—

(i) in a nonparticipating State (as defined in paragraph (2)); and

(ii) located in a State that is approved to operate a permit program or other system of prior approval and conditions under paragraph (1)(B), in accordance with subparagraph (B) of this paragraph.

(B) Federal enforcement in an approved State

(i) In general

In the case of a coal combustion residuals unit located in a State that is approved to operate a permit program or other system of prior approval and conditions under paragraph (1)(B), the Administrator may commence an administrative or judicial enforcement action under section 6928 of this title if—

(I) the State requests that the Administrator provide assistance in the performance of an enforcement action; or

(II) after consideration of any other administrative or judicial enforcement action involving the coal combustion residuals unit, the Administrator determines that an enforcement action is likely to be necessary to ensure that the coal combustion residuals unit is operating in accordance with the criteria established under the permit program or other system of prior approval and conditions.

(ii) Notification

In the case of an enforcement action by the Administrator under clause (i)(II), before issuing an order or commencing a civil action, the Administrator shall notify the State in which the coal combustion residuals unit is located.

(iii) Annual report to Congress

(I) In general

Subject to subclause (II), not later than December 31, 2017, and December 31

of each year thereafter, the Administrator shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Energy and Commerce of the House of Representatives a report that describes any enforcement action commenced under clause (i), including a description of the basis for the enforcement action.

(II) Applicability

Subclause (I) shall not apply for any calendar year during which the Administrator does not commence an enforcement action under clause (i).

(5) Indian country

The Administrator shall establish and carry out a permit program, in accordance with this subsection, for coal combustion residuals units in Indian country (as defined in section 1151 of title 18) to require each coal combustion residuals unit located in Indian country to achieve compliance with the applicable criteria established by the Administrator under part 257 of title 40, Code of Federal Regulations (or successor regulations promulgated pursuant to sections 6907(a)(3) and 6944(a) of this title).

(6) Treatment of coal combustion residuals units

A coal combustion residuals unit shall be considered to be a sanitary landfill for purposes of this chapter, including subsection (a), only if the coal combustion residuals unit is operating in accordance with—

(A) the requirements of a permit issued by—

(i) the State in accordance with a program or system approved under paragraph (1)(B); or

(ii) the Administrator pursuant to paragraph (2)(B) or paragraph (5); or

(B) the applicable criteria for coal combustion residuals units under part 257 of title 40, Code of Federal Regulations (or successor regulations promulgated pursuant to sections 6907(a)(3) and 6944(a) of this title).

(7) Effect of subsection

Nothing in this subsection affects any authority, regulatory determination, other law, or legal obligation in effect on the day before December 16, 2016.

(Pub. L. 89-272, title II, §4005, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2815; amended Pub. L. 96-482, §19(a), (b), Oct. 21, 1980, 94 Stat. 2345; Pub. L. 98-616, title III, §302(c), title IV, §403(c), title V, §502(c), Nov. 8, 1984, 98 Stat. 3268, 3272, 3276; Pub. L. 114-322, title II, §2301, Dec. 16, 2016, 130 Stat. 1736.)

Editorial Notes

CODIFICATION

Another section 19(b) of Pub. L. 96-482 amended section 6946 of this title.

AMENDMENTS

2016—Subsec. (d). Pub. L. 114-322 added subsec. (d).

1984—Subsec. (a). Pub. L. 98-616, §403(c), inserted after first sentence “The prohibition contained in the pre-

ceding sentence shall be enforceable under section 6972 of this title against persons engaged in the act of open dumping.”

Pub. L. 98-616, § 502(c), inserted a closing parenthesis before the period at end.

Subsec. (c). Pub. L. 98-616, § 302(c), added subsec. (c). 1980—Subsec. (a). Pub. L. 96-482, § 19(a), (b)(1), struck out subsec. (a) which defined “open dump”, which is covered in section 6903(14) of this title, redesignated subsec. (c) as (a) and substituted “Upon promulgation of criteria under section 6907(a)(3) of this title, any” for “Any”, “section 6943(a)(2) and 6943(a)(3) of this title” for “section 6943(2) of this title”, and “criteria under section 6907(a)(3) of this title” for “the inventory under subsection (b)”.

Amendment by section 19(b)(1) of Pub. L. 96-482, directing that following reference to “4003(2)”, which had been editorially translated as section 6943(2) of this title, the phrase “and 4003(3)” be inserted, was executed by translating “4003(2) and 4003(3)” as section 6943(a)(2) and 6943(a)(3) of this title, in view of the designation of the existing provisions of section 6943 of this title as subsec. (a) of section 6943 of this title by section 5(b) of Pub. L. 96-463 and also by section 32(d)(2) of Pub. L. 96-482.

Subsec. (b). Pub. L. 96-482, § 19(b)(2), inserted introductory phrase “To assist the States in complying with section 6943(a)(3) of this title”. Amendment referring to section “4003(3)” was executed by translating “4003(3)” as section 6943(a)(3) of this title, in view of the designation of the existing provisions of section 6943 of this title as subsec. (a) of section 6943 of this title by section 5(b) of Pub. L. 96-463 and also by section 32(d)(2) of Pub. L. 96-482.

Subsec. (c). Pub. L. 96-482, § 19(a), redesignated subsec. (c) as (a).

Executive Documents

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, then to Federal Coordinator for Alaska Natural Gas Transportation Projects, see note set out under section 6903 of this title.

§ 6946. Procedure for development and implementation of State plan

(a) Identification of regions

Within one hundred and eighty days after publication of guidelines under section 6942(a) of this title (relating to identification of regions), the Governor of each State, after consultation with local elected officials, shall promulgate regulations based on such guidelines identifying the boundaries of each area within the State which, as a result of urban concentrations, geographic conditions, markets, and other factors, is appropriate for carrying out regional solid waste management. Such regulations may be modified from time to time (identifying additional or different regions) pursuant to such guidelines.

(b) Identification of State and local agencies and responsibilities

(1) Within one hundred and eighty days after the Governor promulgates regulations under subsection (a), for purposes of facilitating the development and implementation of a State plan which will meet the minimum requirements of section 6943 of this title, the State, together with appropriate elected officials of gen-

eral purpose units of local government, shall jointly (A) identify an agency to develop the State plan and identify one or more agencies to implement such plan, and (B) identify which solid waste management activities will, under such State plan, be planned for and carried out by the State and which such management activities will, under such State plan, be planned for and carried out by a regional or local authority or a combination of regional or local and State authorities. If a multi-functional regional agency authorized by State law to conduct solid waste planning and management (the members of which are appointed by the Governor) is in existence on October 21, 1976, the Governor shall identify such authority for purposes of carrying out within such region clause (A) of this paragraph. Where feasible, designation of the agency for the affected area designated under section 1288 of title 33 shall be considered. A State agency identified under this paragraph shall be established or designated by the Governor of such State. Local or regional agencies identified under this paragraph shall be composed of individuals at least a majority of whom are elected local officials.

(2) If planning and implementation agencies are not identified and designated or established as required under paragraph (1) for any affected area, the governor shall, before the date two hundred and seventy days after promulgation of regulations under subsection (a), establish or designate a State agency to develop and implement the State plan for such area.

(c) Interstate regions

(1) In the case of any region which, pursuant to the guidelines published by the Administrator under section 6942(a) of this title (relating to identification of regions), would be located in two or more States, the Governors of the respective States, after consultation with local elected officials, shall consult, cooperate, and enter into agreements identifying the boundaries of such region pursuant to subsection (a).

(2) Within one hundred and eighty days after an interstate region is identified by agreement under paragraph (1), appropriate elected officials of general purpose units of local government within such region shall jointly establish or designate an agency to develop a plan for such region. If no such agency is established or designated within such period by such officials, the Governors of the respective States may, by agreement, establish or designate for such purpose a single representative organization including elected officials of general purpose units of local government within such region.

(3) Implementation of interstate regional solid waste management plans shall be conducted by units of local government for any portion of a region within their jurisdiction, or by multi-jurisdictional agencies or authorities designated in accordance with State law, including those designated by agreement by such units of local government for such purpose. If no such unit, agency, or authority is so designated, the respective Governors shall designate or establish a single interstate agency to implement such plan.

(4) For purposes of this subchapter, so much of an interstate regional plan as is carried out