

waste accepted for disposal at such facility during the previous calendar year.

(i) Volume reduction and surcharges

Any low-level radioactive waste delivered for disposal under this section shall be reduced in volume to the maximum extent practicable and shall be subject to surcharges established in sections 2021b to 2021j of this title.

(j) Deduction from allocation

Any volume of low-level radioactive waste granted emergency or reciprocal access under this section, if generated by any commercial nuclear power reactor, shall be deducted from the low-level radioactive waste volume allocable under section 2021e(c) of this title.

(k) Agreement States

Any agreement under section 2021 of this title shall not be applicable to the determinations of the Nuclear Regulatory Commission under this section.

(Pub. L. 96-573, §6, as added Pub. L. 99-240, title I, §102, Jan. 15, 1986, 99 Stat. 1855.)

CODIFICATION

Section was enacted as part of the Low-Level Radioactive Waste Policy Act, and not as part of the Atomic Energy Act of 1954 which comprises this chapter.

§ 2021g. Responsibilities of Department of Energy

(a) Financial and technical assistance

The Secretary shall, to the extent provided in appropriations Act, provide to those compact regions, host States, and nonmember States determined¹ by the Secretary to require assistance for purposes of carrying out sections 2021b to 2021j of this title—

(1) continuing technical assistance to assist them in fulfilling their responsibilities under sections 2021b to 2021j of this title. Such technical assistance shall include, but not be limited to, technical guidelines for site selection, alternative technologies for low-level radioactive waste disposal, volume reduction options, management techniques to reduce low-level waste generation, transportation practices for shipment of low-level wastes, health and safety considerations in the storage, shipment and disposal of low-level radioactive wastes, and establishment of a computerized data-base to monitor the management of low-level radioactive wastes; and

(2) through the end of fiscal year 1993, financial assistance to assist them in fulfilling their responsibilities under sections 2021b to 2021j of this title.

(b) Omitted

(Pub. L. 96-573, §7, as added Pub. L. 99-240, title I, §102, Jan. 15, 1986, 99 Stat. 1858.)

CODIFICATION

Subsec. (b) of this section, which required the Secretary to prepare and submit to Congress on an annual basis a report on low-level waste disposal, terminated, effective May 15, 2000, pursuant to section 3003 of Pub. L. 104-66, as amended, set out as a note under section 1113 of Title 31, Money and Finance. See, also, item 2 on page 84 of House Document No. 103-7.

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

Section was enacted as part of the Low-Level Radioactive Waste Policy Act, and not as part of the Atomic Energy Act of 1954 which comprises this chapter.

§ 2021h. Alternative disposal methods

(a) Not later than 12 months after January 15, 1986, the Nuclear Regulatory Commission shall, in consultation with the States and other interested persons, identify methods for the disposal of low-level radioactive waste other than shallow land burial, and establish and publish technical guidance regarding licensing of facilities that use such methods.

(b) Not later than 24 months after January 15, 1986, the Commission shall, in consultation with the States and other interested persons, identify and publish all relevant technical information regarding the methods identified pursuant to subsection (a) that a State or compact must provide to the Commission in order to pursue such methods, together with the technical requirements that such facilities must meet, in the judgment of the Commission, if pursued as an alternative to shallow land burial. Such technical information and requirements shall include, but need not be limited to, site suitability, site design, facility operation, disposal site closure, and environmental monitoring, as necessary to meet the performance objectives established by the Commission for a licensed low-level radioactive waste disposal facility. The Commission shall specify and publish such requirements in a manner and form deemed appropriate by the Commission.

(Pub. L. 96-573, §8, as added Pub. L. 99-240, title I, §102, Jan. 15, 1986, 99 Stat. 1858.)

CODIFICATION

Section was enacted as part of the Low-Level Radioactive Waste Policy Act, and not as part of the Atomic Energy Act of 1954 which comprises this chapter.

§ 2021i. Licensing review and approval

In order to ensure the timely development of new low-level radioactive waste disposal facilities, the Nuclear Regulatory Commission or, as appropriate, agreement States, shall consider an application for a disposal facility license in accordance with the laws applicable to such application, except that the Commission and the agreement state¹ shall—

(1) not later than 12 months after January 15, 1986, establish procedures and develop the technical capability for processing applications for such licenses;

(2) to the extent practicable, complete all activities associated with the review and processing of any application for such a license (except for public hearings) no later than 15 months after the date of receipt of such application; and

(3) to the extent practicable, consolidate all required technical and environmental reviews and public hearings.

(Pub. L. 96-573, §9, as added Pub. L. 99-240, title I, §102, Jan. 15, 1986, 99 Stat. 1859.)

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

CODIFICATION

Section was enacted as part of the Low-Level Radioactive Waste Policy Act, and not as part of the Atomic Energy Act of 1954 which comprises this chapter.

§ 2021j. Radioactive waste below regulatory concern

(a) Not later than 6 months after January 15, 1986, the Commission shall establish standards and procedures, pursuant to existing authority, and develop the technical capability for considering and acting upon petitions to exempt specific radioactive waste streams from regulation by the Commission due to the presence of radionuclides in such waste streams in sufficiently low concentrations or quantities as to be below regulatory concern.

(b) The standards and procedures established by the Commission pursuant to subsection (a) shall set forth all information required to be submitted to the Commission by licensees in support of such petitions, including, but not limited to—

(1) a detailed description of the waste materials, including their origin, chemical composition, physical state, volume, and mass; and

(2) the concentration or contamination levels, half-lives, and identities of the radionuclides present.

Such standards and procedures shall provide that, upon receipt of a petition to exempt a specific radioactive waste stream from regulation by the Commission, the Commission shall determine in an expeditious manner whether the concentration or quantity of radionuclides present in such waste stream requires regulation by the Commission in order to protect the public health and safety. Where the Commission determines that regulation of a radioactive waste stream is not necessary to protect the public health and safety, the Commission shall take such steps as may be necessary, in an expeditious manner, to exempt the disposal of such radioactive waste from regulation by the Commission.

(Pub. L. 96-573, § 10, as added Pub. L. 99-240, title I, § 102, Jan. 15, 1986, 99 Stat. 1859.)

CODIFICATION

Section was enacted as part of the Low-Level Radioactive Waste Policy Act, and not as part of the Atomic Energy Act of 1954 which comprises this chapter.

§ 2022. Health and environmental standards for uranium mill tailings

(a) Promulgation and revision of rules for protection from hazards at inactive or depository sites

As soon as practicable, but not later than October 1, 1982, the Administrator of the Environmental Protection Agency (hereinafter referred to in this section as the "Administrator") shall, by rule, promulgate standards of general application (including standards applicable to licenses under section 104(h) of the Uranium Mill Tailings Radiation Control Act of 1978 [42 U.S.C. 7914(h)]) for the protection of the public health, safety, and the environment from radiological

and nonradiological hazards associated with residual radioactive materials (as defined in section 101 of the Uranium Mill Tailings Radiation Control Act of 1978 [42 U.S.C. 7911]) located at inactive uranium mill tailings sites and depository sites for such materials selected by the Secretary of Energy, pursuant to title I of the Uranium Mill Tailings Radiation Control Act of 1978 [42 U.S.C. 7911 et seq.]. Standards promulgated pursuant to this subsection shall, to the maximum extent practicable, be consistent with the requirements of the Solid Waste Disposal Act, as amended [42 U.S.C. 6901 et seq.]. In establishing such standards, the Administrator shall consider the risk to the public health, safety, and the environment, the environmental and economic costs of applying such standards, and such other factors as the Administrator determines to be appropriate. The Administrator may periodically revise any standard promulgated pursuant to this subsection. After October 1, 1982, if the Administrator has not promulgated standards in final form under this subsection, any action of the Secretary of Energy under title I of the Uranium Mill Tailings Radiation Control Act of 1978 which is required to comply with, or be taken in accordance with, standards of the Administrator shall comply with, or be taken in accordance with, the standards proposed by the Administrator under this subsection until such time as the Administrator promulgates such standards in final form.

(b) Promulgation and revision of rules for protection from hazards at processing or disposal sites

(1) As soon as practicable, but not later than October 31, 1982, the Administrator shall, by rule, propose, and within 11 months thereafter promulgate in final form, standards of general application for the protection of the public health, safety, and the environment from radiological and nonradiological hazards associated with the processing and with the possession, transfer, and disposal of byproduct material, as defined in section 2014(e)(2) of this title, at sites at which ores are processed primarily for their source material content or which are used for the disposal of such byproduct material. If the Administrator fails to promulgate standards in final form under this subsection by October 1, 1983, the authority of the Administrator to promulgate such standards shall terminate, and the Commission may take actions under this chapter without regard to any provision of this chapter requiring such actions to comply with, or be taken in accordance with, standards promulgated by the Administrator. In any such case, the Commission shall promulgate, and from time to time revise, any such standards of general application which the Commission deems necessary to carry out its responsibilities in the conduct of its licensing activities under this chapter. Requirements established by the Commission under this chapter with respect to byproduct material as defined in section 2014(e)(2) of this title shall conform to such standards. Any requirements adopted by the Commission respecting such byproduct material before promulgation by the Commission of such standards shall be amended as the Commission deems nec-