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# Waste Characterization Program Documents Applicable to Transuranic Radioactive Waste From the Hanford Site for Disposal at the Waste Isolation Pilot Plant

[Federal Register: November 27, 2001 (Volume 66, Number 228)]  
[Proposed Rules]  
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ENVIRONMENTAL PROTECTION AGENCY  
40 CFR Part 194  
[FRL-7108-2]  
RIN 2060-AG85

Waste Characterization Program Documents Applicable to  
Transuranic Radioactive Waste From the Hanford Site for Disposal at  
Waste Isolation Pilot Plant

AGENCY: Environmental Protection Agency.  
ACTION: Notice of availability; opening of public comment period.

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SUMMARY: The Environmental Protection Agency (EPA) is announcing the availability of, and soliciting public comments for 30 days on, Department of Energy (DOE) documents applicable to characterization transuranic (TRU) radioactive waste at the Hanford site proposed for disposal at the Waste Isolation Pilot Plant (WIPP). The documents (II-A2-36, Docket A-98-49) are available for review in the public dockets listed in ADDRESSES. EPA will conduct an inspection of waste characterization systems and processes and the quality assurance

program for waste characterization at Hanford to verify that the site can characterize transuranic waste in accordance with EPA's WIPP compliance criteria. EPA will perform this inspection the week of December 17, 2001. This notice of the

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inspection and comment period accords with 40 CFR 194.8.

**DATES:** EPA is requesting public comment on the documents. Comments may be received by EPA's official Air Docket on or before December 27, 2001.

**ADDRESSES:** Comments should be submitted to: Docket No. A-98-49, Air Docket, Room M-1500, U.S. Environmental Protection Agency, 401 M Street, SW., Mail Code 6102, Washington, DC 20460. The DOE documents are available for review in the official EPA Air Docket in Washington, DC, Docket No. A-98-49, Category II-A2, and at the following three WIPP informational docket locations in New Mexico: in Carlsbad at the Municipal Library, Hours: Monday-Thursday, 10 a.m.-9 p.m., Friday-Saturday, 10 a.m.-6 p.m., and Sunday 1 p.m.-5 p.m.; in Albuquerque at the Government Publications Department, Zimmerman Library, University of New Mexico, Hours: vary by semester; and in Santa Fe at the New Mexico State Library, Hours: Monday-Friday, 9 a.m.-5 p.m.

As provided in EPA's regulations at 40 CFR part 2, and in accordance with normal EPA docket procedures, if copies of any docket materials are requested, a reasonable fee may be charged for photocopying. Air Docket A-98-49 in Washington, DC, accepts comments sent electronically or by fax (fax: 202-260-4400; e-mail: [a-and-r-docket@epa.gov](mailto:a-and-r-docket@epa.gov)).

**FOR FURTHER INFORMATION CONTACT:** Ed Felts, Office of Radiation and Indoor Air, (202) 564-9422. You can also call EPA's toll-free WIPP Information Line, 1-800-331-WIPP or visit our website at <http://www.epa.gov/radiation/wipp>.

#### SUPPLEMENTARY INFORMATION:

##### Background

DOE is developing the WIPP near Carlsbad in southeastern New Mexico as a deep geologic repository for disposal of TRU radioactive waste, defined by the WIPP Land Withdrawal Act (LWA) of 1992 (Pub. L. No. 102-579), as amended (Pub. L. No. 104-201), TRU waste consists of materials containing elements having atomic numbers greater than 92 (with half-lives greater than twenty years), in concentrations greater than 100 nanocuries of alpha-emitting TRU isotopes per gram of waste. Much of the existing TRU waste consists of items contaminated during the production of nuclear weapons, such as rags, equipment, tools, and sludges.

On May 13, 1998, EPA announced its final compliance certification decision to the Secretary of Energy (published May 18, 1998, 63 FR 27354). This decision stated that the WIPP will comply with EPA's

radioactive waste disposal regulations at 40 CFR part 191, subparts and C.

The final WIPP certification decision includes conditions that prohibit shipment of TRU waste for disposal at WIPP from any site other than the Los Alamos National Laboratory (LANL) until the EPA determines that the site has established and executed a quality assurance program in accordance with Secs. 194.22(a)(2)(i), 194.24(c)(3), and 194.24(c)(5) for waste characterization activities and assumptions (Condition 2 of appendix A to 40 CFR part 194); and (2) prohibit shipment of TRU waste for disposal at WIPP from any site other than LANL until the EPA has approved the procedures developed to comply with the waste characterization requirements of Sec. 194.22(c)(4) (Condition 3 of appendix A to 40 CFR part 194). The EPA's approval process for waste generator sites is described in Sec. 194.8. As part of EPA's decision-making process, the DOE is required to submit to EPA appropriate documentation of quality assurance and waste characterization programs at each DOE waste generator site seeking approval for shipment of TRU radioactive waste to WIPP. In accordance with Sec. 194.8, EPA will place such documentation in the official Air Docket in Washington, DC, and informational dockets in the State of Mexico for public review and comment.

EPA will perform an inspection of Hanford's technical and quality assurance programs for waste characterization in accordance with Conditions 2 and 3 of the WIPP certification. More specifically, we will be focusing on CH-debris and solid waste streams. The inspection is scheduled to take place the week of December 17, 2001.

EPA has placed a number of documents pertinent to the inspection in the public docket described in ADDRESSES. The documents are listed as Item II-A2-36 in Docket A-98-49. In accordance with 40 CFR 194.8, as amended by the final certification decision, EPA is providing the public 30 days to comment on these documents.

If EPA determines as a result of the inspection that the proposed processes and programs at Hanford adequately control the characterization of transuranic waste, we will notify DOE by letter and place the letter in the official Air Docket in Washington, DC, as well as in the informational docket locations in New Mexico. A letter of approval will allow DOE to ship transuranic waste from Hanford to the WIPP. The EPA will not make a determination of compliance prior to the inspection or before the 30-day comment period has closed. Information on the certification decision is filed in the official EPA Air Docket Docket No. A-93-02 and is available for review in Washington, DC, and at three EPA WIPP informational docket locations in New Mexico. The dockets in New Mexico contain only major items from the official Air Docket in Washington, DC, plus those documents added to the official Air Docket since the October 1992 enactment of the WIPP LWA.

Dated: November 20, 2001.

Robert D. Brenner,  
Acting Assistant Administrator for Air and Radiation.  
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