

State Agencies Recognized for the Approval of Public Postsecondary Vocational Education

Interim Report

1. Kansas Board of Regents.

Federal Agency Seeking Degree-Granting Authority

In accordance with the Federal policy governing the granting of academic degrees by Federal agencies (approved by a letter from the Director, Bureau of the Budget, to the Secretary, Health, Education, and Welfare, dated December 23, 1954), the Secretary is required to establish a review committee to advise the Secretary concerning any legislation that may be proposed that would authorize the granting of degrees by a Federal agency. The review committee forwards its recommendation concerning a Federal agency’s proposed degree-granting authority to the Secretary, who then forwards the committee’s recommendation and the Secretary’s recommendation to the Office of Management and Budget for review and transmittal to the Congress. The Secretary uses the Advisory Committee as the review committee required for this purpose. Accordingly, the Advisory Committee will review the following institution at this meeting:

Proposed Master’s Degree-Granting Authority

1. U.S. Marine Corps University, Quantico, VA (request to award a master’s degree in Strategic Studies).

Where Can I Inspect Petitions and Third-Party Comments Before and After the Meeting?

Subject to the provisions of 5 U.S.C. 522, petitions, interim reports, and those third-party comments received in advance of the meeting, will, upon written request, be made available, on appointment, for inspection and copying at the U.S. Department of Education, 1990 K Street, NW., 7th Floor, Room 7105, Washington, DC 20006–8509, telephone (202) 219–7011 until May 4, 2001. They will be available again after the May 23–25 Advisory Committee meeting.

Authority: 5 U.S.C. Appendix 2.
recovered plutonium would be packaged for storage at the Rocky Flats Site. (This is the no-action alternative.)

- **Alternative 2.** Blending down the plutonium fluoride residues at the Rocky Flats Site with an inert material so that each container would meet the safeguards termination limit for plutonium fluorides (0.2 percent plutonium by weight). The blended material would then be packaged into pipe overpack components and subsequently packaged into 55-gallon drums for transportation and disposal at the Waste Isolation Pilot Plant (WIPP).

- **Alternative 3.** Two technologies for separation of plutonium from plutonium fluoride residues were analyzed.

- Repackaging the plutonium fluoride residues at the Rocky Flats Site for transportation to SRS and separation of the plutonium there using the Purex process. The processed plutonium would be stored at SRS pending disposition as mixed oxide fuel or disposed of as vitrified high-level waste in a geologic repository.

- Dissolving the plutonium fluoride residues in acid and precipitating the plutonium with oxalic acid at the Rocky Flats Site (this is the same as the no-action alternative). The recovered plutonium then would be dispositioned as mixed oxide nuclear fuel or disposed of as vitrified high-level waste in a geologic repository.

**II. Original Decision**

In addition to this amended Record of Decision, DOE has issued two Records of Decision and an earlier amended Record of Decision for the final Residues EIS. The first Record of Decision, issued on November 25, 1998 (63 FR 66136, December 1, 1998), addressed materials from each of the categories of Rocky Flats plutonium residues (i.e., ash, salt, wet, and direct repackaging) and scrub alloy. This first Record of Decision (Section VII.D.1) stated that DOE had decided to transport the plutonium fluoride residues to SRS and use the F-Canyon, where the Purex plutonium separation process is located, to separate plutonium (i.e., one of the two sub-alternatives of Alternative 3 in the Residues EIS). The separated plutonium would then have been subject to disposition as mixed oxide fuel or disposed of as vitrified high-level waste pursuant to decisions that DOE made after completion of the Surplus Plutonium Disposition Environmental Impact Statement (DOE/EIS–0283, November 1999; Record of Decision, 65 FR 1608, January 11, 2000).

The first Record of Decision (Section VII.D.2) explained that the Purex plutonium separation process at SRS was selected for the plutonium fluoride residues because it posed less technical risk and would cost less than the establishment of a new acid dissolution/plutonium oxide recovery capability at the Rocky Flats Site (Alternative 1). The Record of Decision further explained that blend down \(^2\) (to meet the safeguards termination limit) (Alternative 2) would result in a very large increase in the amount of transuranic waste requiring disposal, which would increase the cost of disposing of the material.

**III. Events Since Issuance of the First Record of Decision**

Since issuance of the first Record of Decision in 1998, DOE has been preparing to ship the plutonium fluoride residues to SRS for separation and has not undertaken any activity that would alter the chemical or physical conditions of these residues. Initially, DOE had planned to begin shipment of the plutonium fluoride residues to SRS by January 2000 and to complete these shipments by September 2000. Removal of these materials from the Rocky Flats Site by September 2000 would have supported near-term closure of the Protected Area \(^4\) of the Site and, subsequently, closure of the entire Site by 2006.

Before shipping plutonium fluoride residues to SRS, however, DOE must certify the shipping container for plutonium fluoride residues, and additional testing required before certification would take at least 15 months to complete. Further delay in implementing the earlier decision (i.e., plutonium separation using the Purex process at SRS) would in turn delay the closure of the Protected Area and associated buildings, extend decommissioning schedules, and ultimately delay closure of the entire Rocky Flats Site. A delay in the closure of the Rocky Flats Site would be costly due to extended site security needs and site services, eliminating the cost advantages of implementing the earlier decision.

At the time the Residues EIS was being prepared, DOE believed that it was impractical to apply a variance to safeguards termination limits for plutonium fluoride residues due to the high plutonium concentration and the relative ease of recovering the plutonium from the residue matrix. Although the amount of the plutonium fluoride residues was small (315 kg), the amount of plutonium present in these residues (about 142 kg) subjected them at that time to a set of safeguards requirements to maintain control of the residues and to ensure that the plutonium in them was not stolen or diverted for illicit use (e.g., to construct a nuclear weapon). Therefore, the Residues EIS only analyzed the impacts of blending and repackaging the plutonium fluorides to meet the safeguards termination limits for them (0.2 weight percent), and did not analyze an alternative to blend these particular residues down to less than 10 weight percent plutonium.

The Rocky Flats Site has since developed a blending matrix of inert material that would result in a blended material from which plutonium recovery is difficult. This development, in addition to the application of other conditions, has allowed the Rocky Flats Site to obtain a “variance” to the safeguards termination limits from DOE’s Office of Defense Nuclear Nonproliferation. The other conditions applied include a modification of the packaging components of the pipe overpack container to make it more difficult to divert any plutonium and a re-evaluation of the recovery processing steps required to separate plutonium from the plutonium fluoride residues in their present condition. All these special conditions have made the application of a variance for the plutonium fluoride residues and their shipment to WIPP practical.

WIPP’s opening in March 1999 and the issuance of WIPP’s hazardous waste permit by the New Mexico Environment Department in November 1999 provided DOE with the option to dispose of a blended-down plutonium fluoride residues matrix at WIPP. Because the plutonium fluoride residues contain hazardous constituents, these residues would be subject to the requirements of WIPP’s hazardous waste permit.

**IV. Decision**

After consideration of the potential environmental impacts identified in the Residues EIS, the new circumstances discussed above, and a Supplement

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1. The Waste Isolation Pilot Plant, located near Carlsbad, New Mexico, is DOE’s geologic repository for disposal of defense-related transuranic wastes. Transuranic waste contains alpha-emitting radionuclides with half-lives greater than 20 years in concentrations greater than 100 nanocuries per gram of waste at time of assay.

2. Blend down is a process in which an inert material is mixed with a plutonium-bearing residue to reduce its plutonium concentration.

4. The Protected Area is the area at the Rocky Flats Site that is encompassed by physical barriers, subject to access control, surrounding a material access area or area containing special nuclear material.
Analysis (DOE/EIS–0277–SA–1), discussed below. DOE has decided to blend down the plutonium fluoride residues with inert material to less than 10 percent, apply a variance to the safeguards termination limits, and dispose of these residues at WIPP.

V. Basis for the Decision

The delay in obtaining the certification for the shipping container needed to transport the plutonium fluoride residues to SRS could prevent DOE from closing the Rocky Flats Site by 2006. DOE now has the ability to blend down this category of residues to less than 10 weight percent of plutonium and meet the variance requirements for safeguards termination limits. For the reasons described below in Section VI, DOE has concluded that blending the plutonium fluoride residues down to less than 10 percent plutonium by weight and shipping them to WIPP for disposal would have low impacts, well within those analyzed in the Residues EIS.

DOE’s decision complies with Section 309 of the Fiscal Year 2001 Energy and Water Development Appropriations Act (Pub. L. 106–377), which specifies that: “None of the funds in this Act may be used to dispose of transuranic waste in WIPP which overall contains approximately 7 percent plutonium by weight.” (Plutonium fluoride residues are part of the “wet residues” category, which overall contains approximately 7 percent plutonium by weight.) Furthermore, disposal of the plutonium residues at WIPP now provides the least technical risk and most cost-effective approach to the management of plutonium fluoride residues, and supports the Rocky Flats closure schedule of 2006. Therefore, there are no longer cost, waste management, or schedule advantages in shipping the plutonium fluoride residues to SRS for separation.

VI. Prior NEPA Analysis

DOE prepared a Supplement Analysis for the Final Environmental Impact Statement on Management of Certain Plutonium Residues and Scrub Alloy Stored at the Rocky Flats Environmental Technology Site (DOE/EIS–0277–SA–1). This Supplement Analysis was developed to determine whether the activities and impacts associated with blending down the plutonium fluoride residues to less than 10 percent plutonium by weight with a matrix of inert material, applying a safeguard termination limit variance, and disposing of the resulting blend at WIPP were encompassed within previous NEPA reviews or would present any significant new information or circumstances relevant to environmental concerns.

The results of this Supplement Analysis indicated that the activities and potential environmental impacts associated with the new action are encompassed within the activities and impacts analyzed under Alternative 2 (blend down) of the Residues EIS. In addition, the overall impacts for the new action will be very small for both the public and workers and within the levels of impacts considered in the Residues EIS. Worker exposure during the new blend down activities would be reduced to 8 person-rem from 365 person-rem estimated in the Residues EIS. The number of Latent Cancer Fatalities (LCF) for the total worker population would be smaller for the new action (0.003) than for Alternative 2 (0.142). The difference in LCF for the total worker population between Alternative 2 and the new action is a result of two factors. The first is a reduced duration of the blend down operation as blending down to less than 10 weight percent plutonium rather than 0.2 weight percent plutonium will result in a shorter period in which the material is handled. Secondly, enhanced worker shielding will reduce worker exposure during the blend-down activities. Additionally, the new action has fewer drums for transportation reducing the potential for traffic accidents during transportation of plutonium fluoride residues to WIPP. Accordingly, DOE determined that carrying out the new action would not constitute a substantial change in actions previously analyzed and would not constitute significant new circumstances or information relevant to environmental concerns and bearing on the previously analyzed action or its impacts. Therefore, DOE did not need to undertake additional NEPA analysis before issuing this amendment to the 1998 Record of Decision.

VII. Conclusion

This Amended Record of Decision is effective upon being made public, in accordance with DOE’s NEPA implementation regulations (10 CFR 1021.315).

Issued in Washington, D.C., this 11th day of January 2001.

Carolyn L. Huntoon,
Assistant Secretary for Environmental Management.

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DEPARTMENT OF ENERGY

Environmental Management Site-Specific Advisory Board, Rocky Flats

AGENCY: Department of Energy.

ACTION: Notice of open meeting.

SUMMARY: This notice announces a meeting of the Environmental Management Site-Specific Advisory Board (EM SSAB), Rocky Flats. The Federal Advisory Committee Act (Pub. L. 92–463, 86 Stat. 770) requires that public notice of these meetings be announced in the Federal Register.

DATES: Thursday, February 1, 2001, 6 p.m. to 9:30 p.m.

ADDRESSES: Arvada Center for the Arts and Humanities, 6901 Wadsworth Boulevard, Arvada, CO.

FOR FURTHER INFORMATION CONTACT: Ken Korkia, Board/Staff Coordinator, Rocky Flats Citizens Advisory Board, 9035 North Wadsworth Parkway, Suite 2250, Westminster, CO, 80021; telephone (303) 420–7855; fax (303) 420–7579.

SUPPLEMENTARY INFORMATION:

Purpose of the Board: The purpose of the Board is to make recommendations to DOE and its regulators in the areas of environmental restoration, waste management, and related activities.

Tentative Agenda:

1. Quarterly update by the Environmental Protection Agency.
2. Presentation and discussion on recent worker contamination and safety violations at the site.
3. Draft recommendations on Radionuclide Soil Action Level review process.
4. Other Board business may be conducted as necessary.

Public Participation: The meeting is open to the public. Written statements may be filed with the Board either before or after the meeting. Individuals who wish to make oral statements pertaining to agenda items should contact Ken Korkia at the address or telephone number listed above. Requests must be received at least five days prior to the meeting and reasonable provisions will be made to include the presentation in the agenda. The Deputy