

FFCO

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Date: March 30, 2012

Refer To: ENV-ES-12-0059

VIA HAND DELIVERY AND CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Mr. Timothy Hall
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303



Dear Mr. Hall:

SUBJECT: SUBMITTAL OF SITE TREATMENT PLAN, FISCAL YEAR 2011 UPDATE AND PROPOSED REVISION 22.0, LOS ALAMOS NATIONAL LABORATORY, FEDERAL FACILITY COMPLIANCE ORDER, OCTOBER 4, 1995

This letter transmits to the New Mexico Environment Department (NMED) the Los Alamos National Laboratory (LANL) Site Treatment Plan (STP) Fiscal Year 2011 (FY11) Annual Update and requests approval of Proposed Revision 22.0 to the Compliance Plan (CP) of the STP in accordance with requirements of the Federal Facility Compliance Order (FFCO).

This update to the STP follows the format of the FY10 Annual Update. The principal changes consist of the following:

- Mixed transuranic (MTRU) waste shipments presented in Appendix F have been reformatted to present the data by FY quarter.
- The amount of LA-W935 waste (*10–100nCi/g Waste*) in storage increased by about 20 m³. LANL continued to reclassify transuranic (TRU) waste that met the requirements of LA-W935 as LA-W935 mixed low-level waste (MLLW) in FY11. Most of the FY11 reclassified waste was shipped offsite for treatment and disposal; the remainder was placed in storage and prepared for future shipment.
- LANL's TRU database reflected an increase in the volume of MTRU waste in storage. The volume increase was the result of a quality control campaign in which



the volumes of many larger containers were verified and corrected. Therefore, the end-of-the-year inventory shows a large increase in the MTRU STP volume (Appendix G) despite the reduction of the inventory by more than 900 containers through offsite shipping (Appendix F).

- Administrative adjustments in the mixed TRU (MTRU) inventory continued to reflect the recategorization of waste from one treatability group to another (Appendix G) and the associated volume changes (Appendix G).
- As a result of rounding adjustments made in the FY10 annual report, rounding adjustments to the FY11 inventory were minimal.
- Administrative adjustments also included the addition of containers of accumulated WIPP-prohibited items that were removed from STP MTRU containers. The containers of WIPP-prohibited items are assigned all the hazardous waste codes of the parent drums and the start date of the oldest parent drum. Appendix G (Table G-1) lists this activity.
- A number of waste containers that were included in FY10 as part of the MTRU and MLLW inventories were removed from the FY11 inventories. The containers had not yet been in storage for one year or had been shipped in prior fiscal years (Appendix G).

Enclosure A contains two final copies of the FY11 Annual Update and Proposed Revision 22. Enclosure B is a compact disk with a final copy of the FY11 Annual Update and a redlined version of the FY11 Annual Update in Microsoft Word (Version 2007).

In accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO, we, as the project managers responsible for overseeing the implementation of the Site Treatment Plan for Los Alamos National Laboratory and for the Los Alamos Site Office/National Nuclear Security Administration, certify to the best of our knowledge and belief that the information in this document is true, accurate, and complete.

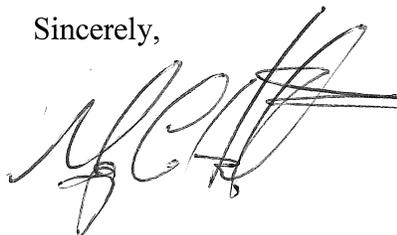
If you have any questions, please contact Peggy Powers at (505) 665-5717, or by email at peggy.powers@lanl.gov, or George Henckel at (505) 606-0960, or by email at georgehenckel@nnsa.doe.gov.

Sincerely,



Margaret A. Powers
STP Project Manager
Risk Reduction Office (ENV-RRO)
Los Alamos National Laboratory

Sincerely,



George C. Henckel, III
STP Project Manager
Los Alamos Site Office
National Nuclear Security Administration

MP/mp

Enclosures: a/s

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