

 **ENTERED**



Environmental Protection Division

Risk Reduction Office (ENV-RRO)
P.O. Box 1663, Mail Stop K404
Los Alamos, NM 87545
(505) 667-4348/FAX: (505) 667-0731

National Nuclear Security Administration
Los Alamos Site Office, MS A316
Los Alamos, NM 87544
(505) 667-7203/FAX: (505) 665-4504

Date: May 20, 2009
Refer To: ENV-RRO-09-038
LA-UR: 09-01880

VIA HAND DELIVERY AND CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Ms. Rebecca Kay
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: RESUBMITTAL OF SITE TREATMENT PLAN, FISCAL YEAR 2008
UPDATE, LOS ALAMOS NATIONAL LABORATORY FEDERAL
FACILITY COMPLIANCE ORDER, OCTOBER 4, 1995**

Dear Ms. Kay:

This letter transmits to the New Mexico Environment Department (NMED) the revised Los Alamos National Laboratory (LANL) Site Treatment Plan (STP) Fiscal Year 2008 Annual Update and requests approval of Revision 19.0 to the STP Compliance Plan (CP). This resubmittal supersedes the version submitted on March 30, 2009. The Annual Update has been prepared for the NMED by the Department of Energy (DOE) and Los Alamos National Security, LLC in accordance with the requirements of Section VII, "Annual Site Treatment Plan Updates," of the FFCO. The proposed revision request has been prepared in accordance with the requirements of Section X.C.2, "Revisions," of the FFCO. The FFCO requires the submittal of the STP Annual Update by March 31st of each year.

This revised FY08 Annual Update addresses a number of issues.

- 1) At your direction, we have compiled the four components of the annual update (the Background Volume, the Proposed Revision, the update to the Compliance Plan Volume, and the Proposed Text of the Compliance Plan Volume for NMED Approval) into a single, continuously paginated document (Enclosure A). Part 1 of the new document contains the Background Volume, Part II contains updates to the Compliance Plan and the Proposed Revision, and Part C contains the Compliance Plan Volume. The compact disk with the electronic documents is Enclosure B.

SCANNED



Because of the differing formats of each of the four components, some of the formatting of headings and text changed when the documents were compiled. We have attempted to minimize these changes in order to maintain continuity with the FY07 Annual Update; however, some formatting (such as centering of tables) may differ from the FY07 Annual Update.

- 2) LANL has provided a redline version that is more consistent with previous updates.
- 3) In order to provide additional transparency on STP-covered MTRU inventories, LANL has added significant detail to the administrative adjustments. Specifically,
 - a. All transfers of waste from one MTRU or MLL treatability group to another, including reclassification of MTRU to the *10-100nCi/g Waste* or *High Activity Waste* treatability groups and transfers of waste from the CMR/TA-55 STP inventory, are listed as administrative adjustments.
 - b. Administrative adjustments to the FY07 MTRU inventory, which were necessary to account for new data, to reflect improved search criteria in our queries, or to adjust for rounding, are summarized in a new table (Table 2.2-2).
 - c. LANL has provided detail on the administrative adjustments in the summary tables (Tables 2.1-1 and 2.2-1) to track more closely with the detail given in Tables 2.1-2 and 2.2-3.
 - d. Administrative adjustments now include some complex transactions involving repacking of waste. Repacking waste into additional containers may result in both increases in volumes of particular treatability groups and in changes in treatability groups to which the waste is assigned.
 - e. LANL has added numerous footnotes and cross-references to tables to clarify data that was identified in preparing the Annual Update.
 - f. Finally, adjustments now include 1) corrections to the CMR/TA-55 FY07 inventory based on current data and 2) corrections to waste volume totals that are rounded or summed differently on different tables.
- 4) Additional changes include an expanded table of correspondence compared to the version submitted on March 30, 2009.
- 5) Waste volumes have been verified and cross-checked.
- 6) In conjunction with this resubmittal, we have also submitted letters to correct errors in previously submitted letters to NMED.

Please note that Proposed Revision 19.0 of this Annual Update includes proposed extensions of Revision 18.0 compliance dates for milestone activities 3.1.8(A) and 3.1.9(A). Due to the lack of treatment options, LANL is requesting an extension until December 31, 2012.

We are submitting the following items in this package:

1. Two hardcopies of the annual update (without redline)
2. One compact disk containing

- One MS Word (ver. 2003) copy of the annual update (without redline)
- One MS Word (ver. 2003) copy of the annual update (with redline)
- One pdf file of the annual update (without redline)

We appreciate the opportunity to resubmit the FY08 Annual Update and hope that the changes will improve the usefulness of the document. If you have any questions, please contact Peggy Powers by telephone at (505) 665-5715 or by email at peggy.powers@lanl.gov or George Henckel at (505) 606-0960 or ghenckel@doeal.gov.

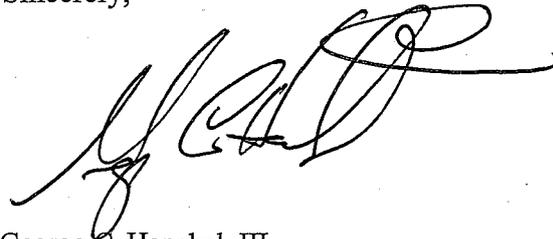
In accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO, we certify, as the project managers responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory and for Los Alamos Site Office/National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

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:bb

Enc. a/s

Cy: James Bearzi, NMED/HWB, Santa Fe, NM, w/enc.
John E. Keiling, NMED/HWB, Santa Fe, NM, w/o enc.
Milton L. Bishop, LASO-EO, w/enc., A316
George C. Henckel III, LASO-EO, w/enc., A316
Michael B. Mallory, PADOPS, w/o enc., A102
J. Chris Cantwell, ADESHQ, w/o enc., w/o enc., K491
James Blankenhorn, WDP-DO, w/o enc., J595
Davis Christensen, WDP-TWPS, w/o enc., J595
Mark Shepard, WDP-DO, w/o enc., J595
Paul Newberry, WDP-HMWO, w/o enc., J598
Ellen Louderbough, LC-LESH, w/o enc., A187
Tori George, ENV-DO, w/o enc., J978
Scott Miller, WES-DO, w/o enc., M996
Dennis Hjeresen, ENV-RRO, w/o enc., K404
ENV-DO, File, w/o enc., J978
ENV-RRO, File, w/enc., K404
IRM-RMMSO, w/enc., A150