



**ENTERED**

*Environmental Protection Division*  
*Water Quality & RCRA Group (ENV-RCRA)*  
P.O. Box 1663, Mail Stop K490  
Los Alamos, New Mexico 87545  
(505) 667-0666/FAX: (505) 667-5224

Date: March 8, 2010  
Refer To: ENV-RCRA-10-052  
LAUR: 10-01288

Mr. William Olson, Chief  
Ground Water Quality Bureau  
New Mexico Environment Department  
Harold Runnels Building, Room N2250  
1190 St. Francis Drive  
P.O. Box 26110  
Santa Fe, NM 87502

Dear Mr. Olson:

**SUBJECT: TA-50 RADIOACTIVE LIQUID WASTE TREATMENT FACILITY, GROUND WATER DISCHARGE PLAN (DP-1132), UPGRADE PROJECT 60% DESIGN**

In accordance with 20.6.2.3107.C of the New Mexico Water Quality Control Commission Regulations, Los Alamos National Laboratory (Laboratory) is providing you with a copy of the 60% design package—plans and specifications—for the construction of a new Radioactive Liquid Waste Treatment Facility (RLWTF) at Technical Area (TA)-50. This letter and the enclosed CDs (2) are supporting documents to the Laboratory’s August 16, 1996, Ground Water Discharge Plan Application (DP-1132) for the TA-50 RLWTF. The Laboratory will provide you with a copy of the 90% design package once it becomes available. The tentative project schedule is as follows:

2010

Final design and Request For Proposals (RFP) for installation of lay-down areas and fire suppression water tower only

2011-2012

Construction of lay-down areas and fire suppression water tower

2012 – 2017

Construction of nuclear treatment facility, central utility building, and zero liquid discharge

2017

Start-up, cold (potable water) operations and operational readiness review

2018

Place into service, commence hot (radioactive liquid waste) operations



Please contact me at (505) 667-7969 if you have questions regarding this matter.

Sincerely,



Robert Beers  
Water Quality & RCRA Group

Enclosures: a/s

Cy: Glenn Saums, NMED/SWQB, Santa Fe, NM, w/o enc.  
James Bearzi, NMED/HWB, Santa Fe, NM, w/o enc.  
Gene Turner, LASO-EO, w/enc., A316  
Steve Yanicak, LASO-GOV, w/enc., M894  
Michael B. Mallory, PADOPS, w/o enc., A102  
J. Chris Cantwell, ADESHQ, w/o enc., K491  
Randy Johnson, ENV-EAQ, w/o enc., E500  
Mike Saladen, ENV-RCRA, w/o enc., K490  
Robert C. Mason, TA55-DO, w/o enc., E583  
Hugh McGovern, TA-55 RLW, w/o enc., E518  
Pete Worland, TA-55-RLW, w/o enc., E518  
Keith Orr, PMF-DO, w/o enc., P137  
Ed Artiglia, ES-PE, w/o enc., P137  
ENV-RCRA File, w/enc., K490  
IRM-RMMSO, w/enc., A150