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ENTER

NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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DAVE MARTIN
Cabinet Secretary

RAJ SOLOMON, P.E.
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

February 22, 2011

George J. Rael, Assistant Manager
Environmental Projects Office
Los Alamos Site Office
U.S. Department of Energy
3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Michael Graham
Associate Director Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS 991
Los Alamos, NM 87545

RE: PERIODIC MONITORING REPORT FOR VAPOR-SAMPLING ACTIVITIES AT MATERIAL DISPOSAL AREA T CONSOLIDATED UNIT 21-016(a)-99, AT TECHNICAL AREA 21 JULY TO SEPTEMBER 2010 LOS ALAMOS NATIONAL LABORATORY (LANL) EPA ID #NM0890010515 HWB-LANL-11-004

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area T, Consolidated Unit 21-016(a)-99, at Technical Area 21, July to September 2010*, dated January 2011 and referenced by LA-UR-11-0396/EP2011-0016 (PMR).

The data in the PMR indicate that volatile organic compounds and tritium continue to be present in the subsurface. The Permittees must continue the quarterly sampling schedule for all ports in all vapor monitoring wells at MDA T per the requirements outlined in the *MDA T Subsurface Vapor-Monitoring Plan for Material Disposal Area T at Technical Area 21* and the associated NMED approval with modifications (LANL 2007, 098944; NMED 2007, 098946) and the approved *MDA T Phase III Investigation Work Plan for Material Disposal Area T, Consolidated*

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Unit 21-016(a)-99 and associated NMED correspondence (LANL 2009, 105645; NMED 2009, 105691; NMED 2009, 106455) until a final remedy is selected. NMED will reevaluate the monitoring frequency at MDA T at that time.

Please contact Ben Wear at (505) 476-6041 should you have any questions.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc:

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File: LANL '11, MDA T