



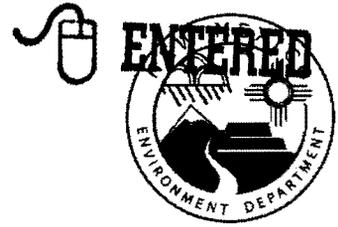
BILL RICHARDSON
Governor

DIANE DENISH
Lieutenant Governor

TA49
NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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RON CURRY
Secretary

SARAH COTTRELL
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

November 12, 2010

George J. Rael
Federal Project Director
Los Alamos Site Office
Department of Energy, NNSA
3747 West Jemez Road
Los Alamos, NM 87544

Michael J. Graham
Associate Director Environmental Programs
Los Alamos National Security, LLC
P.O. Box 1663, MS M991
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATIONS
INVESTIGATION REPORT FOR SITES AT TECHNICAL AREA 49 INSIDE
THE NUCLEAR ENVIRONMENTAL SITE BOUNDARY, REVISION 1
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-042**

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, LLC (LANS) (collectively, the Permittees) *Response to the Notice of Disapproval (NOD) and the Investigation Report for Sites at Technical Area 49 Inside the Nuclear Environmental Site Boundary, Revision 1 (Report)*, dated September 2010 and referenced by LA-UR-10-6032/EP2010-0379. NMED has reviewed the Permittees' NOD response and revised Report, and hereby issues this Approval with the following modifications.



1. As stated in the Permittees' Response to NOD Comment #1, a work plan to determine background concentrations for inorganic chemicals in stratigraphic unit Qbt 4 must be submitted to NMED by **December 17, 2010**. This requirement was also prescribed in NMED's approval with direction for the Permittees' investigation report for sites located outside of the TA-49 NES boundary (Permittees document is referenced by LA-UR-10-6033/EP2010-0377).
2. The Permittees propose to submit a Phase II work plan for additional field investigations to determine the nature and extent of contamination at ten SWMUs and AOCs located inside the NES boundary at TA-49. The first phase of investigation of these sites was conducted in 2009 and 2010. The Permittees must submit the Phase II work plan no later than **July 1, 2011**.

Please contact Dave Cobrain of my staff at (505) 476-6055 should you have any questions.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

JBP:md

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
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