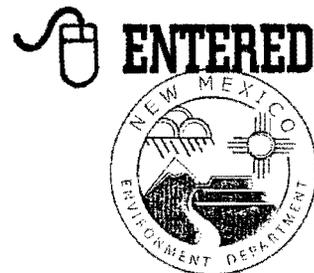


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NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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Governor

DIANE DENISH
Lieutenant Governor

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RON CURRY
Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 26, 2010

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

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

**RE: APPROVAL OF THE COMPLETION REPORT FOR PORE-GAS
MONITORING SYSTEM BOREHOLES AT MATERIAL DISPOSAL AREA H
LOS ALAMOS NATIONAL LABORATORY EPA ID No: NM0890010515
HWB-LANL-10-006**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy and the Los Alamos National Security, LLC (collectively, the Permittees) *Completion Report for Pore-Gas Monitoring System Boreholes at Material Disposal Area H* (Report), dated December, 2009 and referenced by LA-UR-09-8169/EP2009-0657. NMED hereby approves the Report.

The Permittees followed the approved Work Plan and drilled one new borehole to a total depth of 300 ft at Material Disposal Area (MDA) H. The Permittees also deepened existing boreholes BH 54-01023 and BH 54-15462 to a total depth of 260 ft and 300 ft, respectively, as required by the approved Work Plan. The Permittees replaced the Flexible Liner Underground Technology (FLUTE) system in the three existing boreholes with dedicated stainless-steel sampling equipment. The same type of sampling equipment was also installed in the newly drilled borehole.

The Permittees must submit preliminary results for pore-gas samples collected from all four boreholes at MDA H by February 12, 2010 as directed by NMED's October 7, 2009 letter. The



Messrs. Rael and Graham
January 26, 2010
Page 2

preliminary results may be submitted electronically. The results must also be reported in the Periodic Monitoring Report for the First Quarter of Fiscal Year 2010. Please contact Neelam Dhawan of my staff at (505) 476-6042 should you have any questions.

Sincerely,



James Bearzi
Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
K. Roberts, NMED HWB
S. Yanicak, NMED DOE OB, MS M894
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
File: Reading and LANL/TA 54/54-004, 2010