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GOVERNOR

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ENVIRONMENT DEPARTMENT

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RON CURRY
SECRETARY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 26, 2006

David Gregory, Federal Project Director
Los Alamos Site Office
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, NM 87544

David McInroy, Deputy Program Director
Environmental Remediation & Surveillance
Los Alamos National Laboratory
P.O.Box 1663, Mail Stop M992
Los Alamos, NM 87545

**RE: REVIEW OF PERIODIC MONITORING REPORT FOR VAPOR PHASE
SAMPLING AT MDA H, SWMU 54-004, AT TA-54 FOR THE THIRD AND
FORTH QUARTERS OF FISCAL YEAR 2006.
LOS ALAMOS NATIONAL LABORATORY EPA ID No: NM0890010515
HWB-LANL-06-026**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) has received the United States Department of Energy and the Los Alamos National Security, LLC (collectively, the Permittees) document entitled *Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area H, Solid Waste Management Unit 54-004, at Technical Area 54 for the Third and Fourth Quarters of Fiscal Year 2006* dated November, 2006 and referenced by EP2006-0972.

NMED has reviewed the document and the data indicates that tritium and volatile organic compounds continue to be present in the subsurface. The detected concentrations for some chemicals vary by more than an order of magnitude between different sampling events and at different depths. The Permittees must continue collecting quarterly subsurface vapor samples in the three existing boreholes (i.e. 54-15461, 54-15462 and 54-1023) until a final remedy is selected. NMED will reevaluate the monitoring frequency at MDA H at that time.



11966

Messrs. Gregory and McInroy
December 26, 2006
Page 2

Please contact me at (505) 476-6040 should you have any questions.

Sincerely,

Neelam Dhawan

Neelam Dhawan
Project Leader
Permits Management Program
Hazardous Waste Bureau

cc: J. Bearzi, NMED HWB
N. Dhawan, NMED HWB
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File: Reading and ~~LANL~~/TA 54/54-004