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**NEW MEXICO
ENVIRONMENT DEPARTMENT**



Hazardous Waste Bureau

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DIANA MARTINEZ
Governor

DAVE MARTIN
Cabinet Secretary

JOHN A. SANCHEZ
Lieutenant Governor

RAJ SOLOMON, P.E.
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 14, 2011

George J. Rael
Assistant Manager
Department of Energy/National Nuclear
Security Administration
Los Alamos Site Office
3747 West Jemez Road, Mail Stop A316
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: REVIEW OF THE PERIODIC MONITORING REPORT
MATERIAL DISPOSAL AREA H
SECOND QUARTER FISCAL YEAR 2011
LOS ALAMOS NATIONAL LABORATORY
EPA ID No: NM0890010515
HWB-LANL-11-031**

Dear Messrs. Rael and Graham:

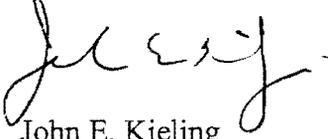
The New Mexico Environment Department (NMED) has received the United States Department of Energy and the Los Alamos National Security, LLC (collectively, the Permittees) *Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area H, Solid Waste Management Unit 54-004, at Technical Area 54, Second Quarter Fiscal Year 2011*, (Report) dated May 2011 and referenced by LA-UR-11-3004/EP2011-0155.



Messrs. Rael and Graham
June 14, 2011
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Sampling results from the Report indicate that volatile organic compounds and tritium continue to be detected in pore gas samples from MDA H. The Permittees must continue to collect quarterly subsurface vapor samples from the four existing boreholes until otherwise directed by NMED. Please contact Ben Wear of my staff at (505) 476-6041 should you have any questions.

Sincerely,



John E. Kieling
Acting Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
B. Wear, NMED HWB
S. Yanicak, NMED DOE OB, MS M894
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
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File: Reading and LANL/TA 54/MDA H, 2011