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JOHN A. SANCHEZ
Lieutenant Governor

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NEW MEXICO
ENVIRONMENT DEPARTMENT

Ground Water Quality Bureau

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DAVE MARTIN
Secretary

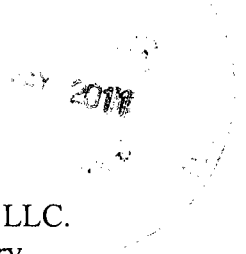
RAJ SOLOMON, P.E.
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

May 27, 2011

Jeffrey M. Casalina
Deputy Designated Federal Official (DDFO)
Office of Environmental Operations (OEO)
U.S. Department of Energy
National Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Road MS A316
Los Alamos, NM 87544

Denny Hjeresen,
Acting ENV Division Director
Los Alamos National Security, LLC.
Los Alamos National Laboratory
P.O. Box 1663, MS J978
Los Alamos, NM 87544

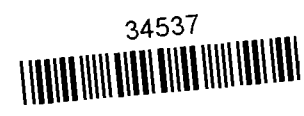


SUBJECT: Spill Response Assessment and Closure of Release ID# 2011-304 Occurring at Monitoring Well R-60, reported to NMED on April 20, 2011

Dear Messrs. Casalina and Hjeresen:

On April 20, 2011, representatives of Los Alamos National Security, LLC (LANS) reported an unauthorized discharge to the New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) as required by 20.6.2.1203 New Mexico Administrative Code (NMAC) of the Water Quality Control Commission (WQCC) Regulations. The report identified ground water with recently confirmed benzo(b)flouranthene at a concentration of 0.000839 mg/L in regional aquifer monitoring well R-60 (located in Mortandad canyon within Los Alamos National Laboratory with a depth to water of approximately 1,330 feet). Benzo(b)flouranthene (CAS No. 205-99-2) at a concentration of 0.00029 mg/L is considered to be a toxic pollutant as defined under 20.6.2.7(WW) NMAC and is derived from the EPA Regional Screening Levels (RSL) for residential tap water dated November 2010 (adjusted accordingly to a 1:100,000 carcinogenic risk as defined under 20.6.2.7(WW) NMAC from the 1:1,000,000 risk level provided in EPA RSL). The source(s) of the exceedance was not identified in the report.

Corrective actions to address this release are being coordinated with the NMED Hazardous Waste Bureau (HWB) in accordance with the Compliance Order on Consent (Consent Order) proceeding under the New Mexico Hazardous Waste Act § 74-4-10 and the New Mexico Solid Waste Act § 74-9-36(D) between NMED and the United States Department of Energy and the Regents of the University of California for Los Alamos National



Messrs. Jeffrey Casalina and Denny Hjeresen

May 27, 2011

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Laboratory. Based on the information in the Release/Discharge Notification submitted by LANS to GWQB on April 21, 2011 in accordance with 20.6.2.1203 NMAC, and because corrective actions are being coordinated with the HWB under the Consent Order, no further action is required at this time for release ID#2011-304. Please continue to coordinate any additional corrective actions related to the release with the HWB.

The GWQB reserves the right to require additional corrective actions not already being required should LANS fail to complete corrective actions to the satisfaction of the HWB. Furthermore, nothing in this letter shall be construed as relieving the United States Department of Energy or LANS, of its obligation to comply with all other applicable federal, state, and local laws, regulations, permits or orders.

If you have any questions, please contact either Jennifer Fullam at (505) 827-2909 or George Schuman, Program Manager of the Ground Water Pollution Prevention Section, at (505) 827-2945.

Sincerely,

George Schuman for W. Olson

William C. Olson, Chief
Ground Water Quality Bureau

WO:JF

cc: Mr. Gene Turner, DOE/AIP/POC, U.S. Department of Energy, Los Alamos Site Office,
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