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NEW MEXICO
ENVIRONMENT DEPARTMENT



Ground Water Quality Bureau

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Lieutenant Governor

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DAVE MARTIN
Secretary

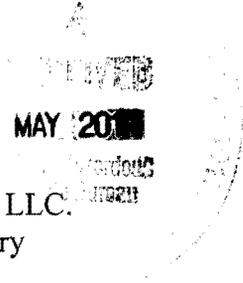
RAJ SOLOMON, P.E.
Deputy Secretary

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# 2011-303 Occurring at Monitoring Well R-32, reported to NMED on April 15, 2011

Dear Messrs. Casalina and Hjeresen:

On April 15, 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 NMAC of the Water Quality Control Commission (WQCC) Regulations. The report identified ground water with recently confirmed detection levels of iron at 3.85 mg/L which exceeds the WQCC standard of 1.0 mg/L and aluminum at 6.85 mg/L which exceeds the WQCC standard of 5 mg/L in regional aquifer monitoring well R-32 (located in Pajarito Canyon within Los Alamos National Laboratory with a depth to water of approximately 867 feet). The source(s) of the exceedances were 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 Laboratory. Based on the information in the Release/Discharge Notification submitted by LANS to GWQB on April 19, 2011 in accordance with 20.6.2.1203 NMAC, and because corrective actions are being coordinated with the HWB under the Consent Order, no



Messrs. Jeffrey Casalina and Denny Hjeresen

May 27, 2011

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further action is required at this time for release ID#2011-303. 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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