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ENTERED



NEW MEXICO
ENVIRONMENT DEPARTMENT



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BUTCH TONGATE
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CERTIFIED MAIL – RETURN RECEIPT REQUESTED

August 9, 2016

Ms. Jody M. Pugh, DOE/NA-LA
U.S. Department of Energy
Los Alamos Site Office, MS A316
3747 West Jemez Road
Los Alamos, NM 87544

Mr. John P. McCann, EPC-CP Division Leader
Los Alamos National Security, LLC
Los Alamos National Laboratory
P.O. Box 1663, MS K491
Los Alamos, NM 87544

SUBJECT: Spill Response Assessment of Release ID# 2016-427 occurring at Technical Area 53, Structure 3 (TA-53-3) on July 3, 2016

Dear Ms. Pugh and Mr. McCann:

On July 5, 2016, representatives of Los Alamos National Security, LLC (LANS) verbally reported an unauthorized discharge to the New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) as required under 20.6.2.1203 NMAC of the Water Quality Control Commission (WQCC) Regulations. The report identified a discharge from a chilled water system at TA-53-3 (Release ID# 2016-427). The incident resulted in a release of approximately 700 gallons of chiller water (potable water with a corrosion inhibitor at a concentration of 500-800 parts per million) within TA-53-3. Approximately 500 gallons of chiller water entered floor drains connected to the TA-46 Sanitary Wastewater System. Approximately 200 gallons of chiller water exited through a door, onto a parking lot, and discharged to a storm drain connected to Sandia Canyon. No chiller water was observed exiting from the storm drain system. Los Alamos National Laboratory reportedly stopped the discharge upon discovery, repaired the chilled water system, recovered residual chiller water from the storm drain system, and cleaned the TA-53-3 parking lot's impacted asphalt.

Based on information submitted by LANS, corrective action for this unauthorized discharge has been completed in a manner that is satisfactory to the GWQB. No further action is required at this time for release ID#2016-427.

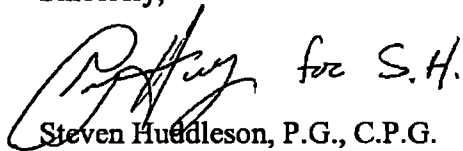


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NMED reserves the right to require additional corrective actions not already being required should this incident result in the degradation of groundwater quality. Further, nothing in this letter shall be construed as relieving the United States Department of Energy or LANS of the obligation to comply with all other applicable federal, state, and local laws, regulations, permits, or orders.

If you have any questions, please contact either Gerald Knutson at (505) 827-2996 or me at (505) 827-2936.

Sincerely,

A handwritten signature in black ink, appearing to read 'S.H.', is written over a printed name and title.

Steven Huddleson, P.G., C.P.G.
Program Manager
Pollution Prevention Section
Ground Water Quality Bureau

SH:GK

cc: Steven Huddleson, NMED GWQB (electronic copy)
Greg Huey, NMED GWQB (electronic copy)
Gerald Knutson, NMED GWQB (electronic copy)
James Hogan, NMED SWQB (electronic copy)
Sarah Holcomb, NMED SWQB (electronic copy)
Erin Trujillo, NMED SWQB (electronic copy)
John Kieling, NMED HWB (electronic copy)
Ruth Horowitz, NMED HWB (electronic copy)
Steven Yanicak, NMED DOE Oversight Bureau (electronic copy)
Jacob Meadows, LANA/ENV-RCA/WA (electronic copy via email to
jmeadows@lanl.gov)
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Arturo Duran, NA-OO-LA (electron copy via email to arturo.duran@em.doe.gov)
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