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Mr. John E. Kieling, Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505



Subject: Notification of Completion of Treatment of Remediated Nitrate Salt-Bearing Waste and Request for Administrative Order Completion Approval

Dear Mr. Kieling:

This letter notifies the New Mexico Environment Department (NMED) regarding the completion of treatment (by stabilization) of the waste within sixty waste containers at Los Alamos determined to hold remediated nitrate salt-bearing waste. Since May 2014, the Los Alamos National Security, LLC (LANS) and the U.S. Department of Energy (DOE), collectively the Permittees, secured and isolated these waste containers as described in the *Los Alamos National Laboratory (LANL) Nitrate Salt-Bearing Waste Container Isolation Plan* (Isolation Plan) and all subsequent revisions. Technical phone calls, written submissions documenting the calls, and the development of the Isolation Plan were required by the May 19, 2014, *Administrative Order* (modified by letter on July 10, 2014; April 27, 2015; May 8, 2015; and August 12, 2015). All revisions of the Isolation Plan were reviewed and approved by the NMED, and the phone calls and written submissions have continued as required by Paragraph 19 of the Administrative Order (as modified).

Remediated nitrate salt-bearing waste containers were removed from their overpack containers and placed into temperature controlled storage beginning on March 30, 2017. As detailed within Section IV.19 of Revision 9 of the Isolation Plan, the waste containers were kept in storage at the Technical Area (TA) 54, Dome 375 refrigerator for at least four days prior to shipment to the TA-50, Building 69, Waste Characterization, Reduction, and Repackaging Facility (TA-50-69 WCRRF) for stabilization treatment. Stabilization of the remediated nitrate salt-bearing waste at the TA-50-69 WCRRF began on May 18, 2017 and was successfully completed on November 3, 2017. The requirements of the Isolation Plan included details of the safe storage and management of remediated nitrate salt-bearing waste containers prior to compliant treatment of waste in the containers. The final headspace gas analytical data and temperature monitoring records were included in the written technical summary completed on November 15, 2017.



The unremediated nitrate salt-bearing waste that will be treated beginning in November 2017 is not required to be tracked under the Isolation Plan per the NMED approval letter for Revision 3 of the Isolation Plan and modification to the Administrative Order on April 27, 2015. Therefore, the Permittees request to acknowledge this letter as the completion of the requirements within the Isolation Plan and an end to the May 19, 2014, Administrative Order (modified) and all updates and submissions required by the Administrative Order.

As required by the *LANL Hazardous Waste Facility Permit* in Permit Part 7 and Attachment C (*Waste Analysis Plan*), the Permittees shall continue to submit analytical results for pre-treatment samples collected from remediated nitrate salt-bearing waste containers and unremediated nitrate salt-bearing waste containers within 60 days of sample collection. Additionally, a summary of analytical results will be compiled and submitted to the NMED upon the completion of all analyses.

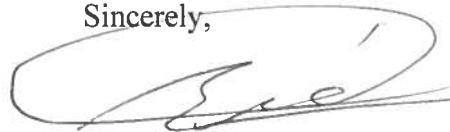
If you have comments/questions or would like to meet regarding this submittal, please contact Mark P. Haagenstad, LANS, at (505) 665-2014 or Arturo Duran, Environmental Management Los Alamos Field Office, at (505) 665-7772.

Sincerely,



John C. Bretzke
Division Leader

Sincerely,



Arturo Q. Duran
Permitting and Compliance Manager

JCB/AQD/MPH:am

Enclosure(s): None

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