



**Environmental Protection Division**  
**Environmental Compliance Programs (ENV-CP)**  
 PO Box 1663, K490  
 Los Alamos, New Mexico 87545  
 (505) 667-0666

**National Nuclear Security Administration**  
**Los Alamos Field Office, A316**  
 3747 West Jemez Road  
 Los Alamos, New Mexico, 87545  
 (505) 667-5794/Fax (505) 667-5948

*Date:* **DEC 18 2014**  
*Symbol:* ENV-DO-14-0381  
*LA-UR:* Not Applicable  
*Locates Action No.:* Not Applicable

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

Dear Mr. Kieling:

**Subject: Notification of Planned Temporary Change at Technical Area 54, Area L, Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit**

The purpose of this letter is to notify the New Mexico Environment Department- Hazardous Waste Bureau (NMED-HWB) of a planned change at a permitted unit as required by the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (the Permit). Permit Section 1.9.10 states the Permittees shall give advance written notice to the Department as soon as possible, of any planned physical alterations or additions to any permitted unit at the Facility.

The U.S. Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS), collectively the Permittees, are temporarily using two freezer units within the boundary of the permitted unit at the Technical Area 54 (TA-54), Area L Outdoor Pad, on the north side of TA-54, Building 39 (TA-54-39). The freezers will be used for testing temperature control techniques on nitrate salt-bearing waste stream surrogates. The time and temperature data acquired from the testing will be used to develop procedures for the remediation of nitrate salt-bearing waste containers.

The freezers will require power for operational purposes and to enable them to provide the environment for conducting testing. Therefore, conduit will be routed from power panels inside TA-54-39 to disconnect boxes on the north side of the existing dock. Conduit will be routed from the disconnect box to the refrigeration unit point of connection.

The freezers will not be used for the storage of any hazardous waste and hazardous waste storage will not occur in the immediate vicinity of the freezers. Additionally, at the conclusion of testing, the freezers will be removed from TA-54, Area L. The duration of the freezers being located at TA-54, Area L is expected

to be approximately 6 months. Prior to any use of freezers for nitrate salt-bearing waste container storage, appropriate approvals for changes to the Permit and the *LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 2* will be requested. For these reasons, it is the Permittee's position that there are no required modifications necessary to the Permit associated with the testing activities.

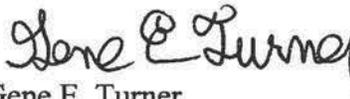
If you have comments or questions regarding this submittal, please contact Mark P. Haagenstad at (505) 665-2014 or Gene E. Turner at (505) 667-5794.

Sincerely,



Alison M. Dorries  
Division Leader  
Environmental Protection Division  
Los Alamos National Security LLC

Sincerely,



Gene E. Turner  
Environmental Permitting Manager  
Environmental Projects Office  
Los Alamos Field Office  
U.S. Department of Energy

AMD:GET/kt

Enclosures: None

Cy: Ryan Flynn, NMED, Santa Fe, NM, (E-File)  
Butch Tongate, NMED, Santa Fe, NM, (E-File)  
Steve Pullen, NMED/HWB, Santa Fe, NM, (E-File)  
Timothy Hall, NMED/HWB, Santa Fe, NM, (E-File)  
Trais Kliphuis, NMED, Santa Fe, NM, (E-File)  
Peter Maggiore, NA-LA, (E-File)  
Lisa Cummings, NA-LA, (E-File)  
Gene E. Turner, NA-LA, (E-File)  
Kirsten Laskey, NA-LA, (E-File)  
Michael A. Lansing, PADOPS, (E-File)  
Amy E. De Palma, PADOPS, (E-File)  
Randall M. Erickson, ADEP, (E-File)  
Michael T. Brandt, ADESH, (E-File)  
Raeanna Sharp-Geiger, ADESH, (E-File)  
Alison M. Dorries, ENV-DO, (E-File)  
Enrique Torres, ADEP, (E-File)  
James S. Clemmons, LTP, (E-File)  
Rick A. Alexander, EWMO-DO, (E-File)  
Donald L. Allen, LTP, (E-File)  
Scott A. Miller, LTP-SSS, (E-File)  
David E. Frederici, LTP-SSS, (E-File)  
Selena Z. Sauer, LC-ESH, (E-File)  
Kenneth M. Hargis, LTP-PTS, (E-File)  
Mark P. Haagenstad, ENV-CP, (E-File)

Mr. John Kieling  
ENV-DO-14-0381

- 3 -

Luciana Vigil-Holterman, ENV-CP, (E-File)  
[lasomailbox@nnsa.doe.gov](mailto:lasomailbox@nnsa.doe.gov), (E-File)  
[locatesteam@lanl.gov](mailto:locatesteam@lanl.gov), (E-File)  
[env-correspondence@lanl.gov](mailto:env-correspondence@lanl.gov), (E-File)



RECEIVED COPY

DEC 19 2014



NMED Hazardous Waste Bureau

Environmental Protection Division
Environmental Compliance Programs (ENV-CP)
PO Box 1663, K490
Los Alamos, New Mexico 87545
(505) 667-0666

National Nuclear Security Administration
Los Alamos Field Office, A316
3747 West Jemez Road
Los Alamos, New Mexico, 87545
(505) 667-5794/Fax (505) 667-5948

Date: DEC 18 2014
Symbol: ENV-DO-14-0381
LA-UR: Not Applicable
Locates Action No.: Not Applicable

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

Dear Mr. Kieling:

Subject: Notification of Planned Temporary Change at Technical Area 54, Area L, Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit

The purpose of this letter is to notify the New Mexico Environment Department- Hazardous Waste Bureau (NMED-HWB) of a planned change at a permitted unit as required by the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (the Permit). Permit Section 1.9.10 states the Permittees shall give advance written notice to the Department as soon as possible, of any planned physical alterations or additions to any permitted unit at the Facility.

The U.S. Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS), collectively the Permittees, are temporarily using two freezer units within the boundary of the permitted unit at the Technical Area 54 (TA-54), Area L Outdoor Pad, on the north side of TA-54, Building 39 (TA-54-39). The freezers will be used for testing temperature control techniques on nitrate salt-bearing waste stream surrogates. The time and temperature data acquired from the testing will be used to develop procedures for the remediation of nitrate salt-bearing waste containers.

The freezers will require power for operational purposes and to enable them to provide the environment for conducting testing. Therefore, conduit will be routed from power panels inside TA-54-39 to disconnect boxes on the north side of the existing dock. Conduit will be routed from the disconnect box to the refrigeration unit point of connection.

The freezers will not be used for the storage of any hazardous waste and hazardous waste storage will not occur in the immediate vicinity of the freezers. Additionally, at the conclusion of testing, the freezers will be removed from TA-54, Area L. The duration of the freezers being located at TA-54, Area L is expected

