

***Environmental Compliance Programs  
Los Alamos National Laboratory***

PO Box 1663, K490  
Los Alamos, New Mexico 87545  
(505) 667-0666

*Date:* MAR 07 2017  
*Symbol:* EPC-DO: 17-127  
*LA-UR:* 17-21957  
*Locates Action No.:* N/A

Mr. John E. Kieling  
Hazardous Waste Bureau  
New Mexico Environment Department  
Santa Fe, NM 87505

**Subject: Destruction of Unstable Containers at TA-43, Los Alamos National Laboratory**

Dear Mr. Kieling:

On March 2, 2017, the Los Alamos National Security (LANS), in coordination with the Department of Energy (DOE), requested approval from the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) to treat unstable hazardous waste chemicals at Technical Area (TA) 43 by emergency detonation. On March 2, 2017, the NMED-HWB provided written authorization for the treatment, *Emergency Permit # 17-002*.

During an assessment on March 1, 2017, the following containers were identified in a flammable cabinet at TA-43, Building 1:

- Diethyl ether (100 ml container)
- Hydrazine (50 gm container)
- Hydrazine acetate (10 ml container)

Emergency Responders determined the containers were unstable and that the safest response was on-site emergency treatment in a total containment vessel. Treatment was conducted at TA-43 in accordance with 40 CFR 270.1(c)(3). The destruction was completed on March 2, 2017 at 3:30pm, in a controlled and safe manner. Emergency treatment was effective and no residue or other hazardous materials remained after treatment.

Please contact Mark P. Haagenstad of my staff at (505) 665-2014 if additional information would be helpful.

Sincerely,



Anthony R. Grieggs  
Group Leader  
Compliance Programs Group  
Los Alamos National Security, LLC

ARG/AME:am

Copy: Janine Kramer, NMED/HWB, Santa Fe, NM, (E-File)  
Kimberly Davis Lebak, NA-LA, (E-File)  
Karen E. Armijo, NA-LA, (E-File)  
Jody M. Pugh, NA-LA, (E-Fine)  
Darlene S. Rodriguez, LASO-NS-LP, (E-File)  
Adrienne L. Nash, LASO-NS-LP, (E-File)  
Jordan Arnsward, LASO-NS-LP, (E-File)  
Gregory L. Jones, LASO-O, (E-File)  
Craig S. Leasure, PADOPS, (E-File)  
William R. Mairson, PADOPS, (E-File)  
Michael T. Brandt, ADESH, (E-File)  
John C. Bretzke, EPC-DO, (E-File)  
Marla J. Brooks, SEO-EM, (E-File)  
David L. McClard, SEO-EM, (E-File)  
Peter A. Hyde, CPA-CO, (E-File)  
Angela M. Edwards, EPC-CP, (E-File)  
Ellena I. Martinez, EPC-CP, (E-File)  
[lasomailbox@mmsa.doe.gov](mailto:lasomailbox@mmsa.doe.gov), (E-File)  
[locatsteam@lanl.gov](mailto:locatsteam@lanl.gov), (E-File)  
[epc-correspondence@lanl.gov](mailto:epc-correspondence@lanl.gov), (E-File)  
[adesh-records@lanl.gov](mailto:adesh-records@lanl.gov), (E-File)  
[rcra-prr@lanl.gov](mailto:rcra-prr@lanl.gov), (E-File)



**COPY**

***Environmental Compliance Programs***

***Los Alamos National Laboratory***

PO Box 1663, K490  
Los Alamos, New Mexico 87545  
(505) 667-0666

**MAR 07 2017**  
Date:  
Symbol: EPC-DO: 17-127  
LA-UR: 17-21957  
Locates Action No.: N/A



Mr. John E. Kieling  
Hazardous Waste Bureau  
New Mexico Environment Department  
Santa Fe, NM 87505

**Subject: Destruction of Unstable Containers at TA-43, Los Alamos National Laboratory**

Dear Mr. Kieling:

On March 2, 2017, the Los Alamos National Security (LANS), in coordination with the Department of Energy (DOE), requested approval from the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) to treat unstable hazardous waste chemicals at Technical Area (TA) 43 by emergency detonation. On March 2, 2017, the NMED-HWB provided written authorization for the treatment, *Emergency Permit # 17-002*.

During an assessment on March 1, 2017, the following containers were identified in a flammable cabinet at TA-43, Building 1:

- Diethyl ether (100 ml container)
- Hydrazine (50 gm container)
- Hydrazine acetate (10 ml container)

Emergency Responders determined the containers were unstable and that the safest response was on-site emergency treatment in a total containment vessel. Treatment was conducted at TA-43 in accordance with 40 CFR 270.1(c)(3). The destruction was completed on March 2, 2017 at 3:30pm, in a controlled and safe manner. Emergency treatment was effective and no residue or other hazardous materials remained after treatment.