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**Subject:** Emergency Treatment Permit

**From:** Dhawan, Neelam, NMENV [<mailto:neelam.dhawan@state.nm.us>]  
**Sent:** Thursday, February 23, 2017 9:25 AM  
**To:** Haagenstad, Mark P  
**Cc:** Kieling, John, NMENV; Kraemer, Janine, NMENV  
**Subject:** RE: Emergency Treatment Permit

Mark

John is out of office today and tomorrow. Janine is also out on sick leave today.

NMED's has reviewed and approves your request to conduct emergency treatment of the unstable chemical/container that your Emergency Management and Response (EM&R) personnel have determined to pose an imminent and substantial endangerment to human health and the environment.

Please submit a written emergency permit to NMED within 5 days.

Contact me if you have any questions.

Thanks.

Neelam Dhawan  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905, Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505  
Phone (505) 476-6042 / Fax (505) 476-6030  
Main HWB Phone (505) 476-6000

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**From:** Haagenstad, Mark P [<mailto:mph@lanl.gov>]  
**Sent:** Thursday, February 23, 2017 8:42 AM  
**To:** Dhawan, Neelam, NMENV <[neelam.dhawan@state.nm.us](mailto:neelam.dhawan@state.nm.us)>  
**Subject:** FW: Emergency Treatment Permit

Hello Neelam:

This is what I submitted to John and Janine:

Your assistance is greatly appreciated.

Mark Haagenstad

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**From:** Haagenstad, Mark P  
**Sent:** Thursday, February 23, 2017 7:49 AM  
**To:** 'Kraemer, Janine, NMENV'; Kieling, John, NMENV  
**Cc:** Brandt, Michael Thomas; Sharp-Geiger, Raeanna Racine; Bretzke, John Clifford; Grieggs, Tony; Diaz, Tammy; Edwards, Angela Martinez; 'Armijo, Karen'  
**Subject:** Emergency Treatment Permit

Dear Mr. Kieling and Ms. Kraemer:

Per the voice message I left earlier today, Los Alamos National Laboratory (LANL) Environmental Protection and Compliance Division (EPC-DO) personnel were notified at approximately 4:00 PM on February 22, 2017 by

Emergency Management and Response (EM&R) personnel that an unstable chemical/container was identified in a refrigerator at Technical Area (TA) 59 Building 1. The following information was provided by EM&R personnel regarding the unstable chemical:

- The unstable chemical was identified as acetaldehyde.
- The unstable chemical is in a 50 mL container that is over  $\frac{3}{4}$  full.
- Field screening measurements indicated peroxide levels greater than 250 ppm.
- The unstable chemical/container is currently being safely and securely stored in a refrigerator within a lab in TA-59 Building 1 until emergency treatment can occur.

LANL EM&R personnel have determined the unstable chemical/container poses an imminent and substantial endangerment to human health and the environment and is requesting permission from the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) to conduct emergency treatment in accordance with 40 CFR 270.1(c)(3). EM&R personnel determined the safest path forward for treatment to be on-site (TA-59) through contained vessel detonation. Upon completion of emergency treatment, all remaining residual material, if any, will be collected and properly managed.

Your immediate response regarding this matter is greatly appreciated. Please contact me if additional information would be helpful.

Mark Haagenstad  
EPC-CP  
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Mobile: (505) 699-1733