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Environmental Protection & Compliance Division

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



Subject: Destruction of an Unstable Container at TA-59, Los Alamos National Laboratory

Dear Mr. Kieling:

On February 23, 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 an unstable hazardous waste chemical at Technical Area (TA) 59. An unstable 100 milliliter container of acetaldehyde was identified at TA-59, Building 1. This container was deemed unstable by LANL Emergency Response personal. LANS Emergency Response personnel determined the safest path forward for mitigating the hazard was on-site emergency treatment using explosives in a total containment vessel.

On February 23, 2017, the NMED-HWB granted Emergency Authorization for treatment by detonation. On February 24, 2017 the NMED-HWB provided follow-up written authorization for the treatment, *Emergency Permit # 17-001*.

On February 23, 2017, at 12:34, LANS Emergency Response personnel treated the hazardous waste chemical by detonation in a containment vessel unit at TA-59 in accordance with 40 CFR 270.1(c)(3). The destruction was completed in a controlled and safe manner. No residue or hazardous materials remained upon completion of 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

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