General

Los Alamos
NATIONAL LABORATORY
EST.1943

Environmental Stewardship
Solid Waste Regulatory Compliance
P.O. Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
505-667-0666/Fax 505-667-5224

Date: March 1, 2006
Refer To: ENV-SWRC :06-014

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. John Kieling, Manager
RCRA Permits Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Subject: CALANDER YEAR 2005 ANNUAL HAZARDOUS WASTE TREATABILITY STUDY REPORT

The purpose of this letter is to submit a hazardous waste treatability study report for calendar year (CY) 2005 for the Los Alamos National Laboratory (LANL), EPA ID NM0890010515. This report is required annually by New Mexico Administrative Code, Title 20, Chapter 4, Part 1, Subpart II (20.4.1.200 NMAC) as revised October 1, 2003, (incorporating 40 CFR § 261.4(f)(9)).

There were no treatability studies conducted at LANL during CY 2005, and currently there is only one new treatability study planned for CY 2006. The notification for that study was transmitted to your office on January 11, 2006 and will begin no sooner than March 6, 2006. The waste sampled for the planned treatability study is lithium powder with tritium bound in the material as a hydride. The study will evaluate methods of removing the bulk of the tritium from the lithium and converting the lithium to a non-reactive low level tritiated waste.


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In the event that any other treatability studies are proposed for this year, a notice of intent to conduct a study will be prepared and submitted to your office at least 45 days prior to beginning the study, as required by 20.4.1.200 NMAC (incorporating 40 CFR § 261.4(f)(1)). If you have any questions regarding treatability studies at LANL please contact Luciana Vigil-Holterman at 505-665-3435.

Sincerely,

Tony Grieggs

Tony Grieggs

Group Leader

LVH/tag

Cy:

James Bearzi, Chief
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