

TASY

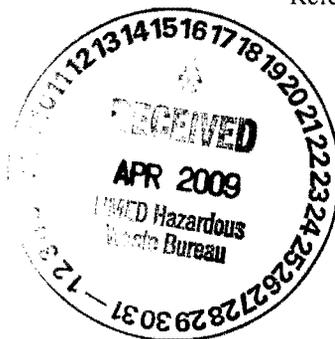
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Los Alamos
NATIONAL LABORATORY

Environmental Protection Division
Water Quality & RCRA Group (ENV-RCRA)
P.O. Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
(505) 667-0666/FAX: (505) 667-5224

Date: April 13, 2009
Refer To: ENV-RCRA-09-063

Mr. James Bearzi, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303



Dear Mr. Bearzi:

SUBJECT: NOTIFICATION OF REMOVAL OF DOME 226, TECHNICAL AREA 54, AREA G, LOS ALAMOS NATIONAL LABORATORY (LANL), EPA ID NM0890010515

The purpose of this letter is to notify the Hazardous Waste Bureau of the need to decommission Dome 226 at Technical Area 54, Area G, as required by the New Mexico Administrative Code, Title 20, Chapter 4, Part 1 (20.4.1 NMAC), incorporating 40 CFR 270.30(l). The storage dome is placed on Pad 1 at Area G. This pad was first listed for waste storage in the LANL "Hazardous Waste Permit Application Part A for Mixed Waste", January 25, 1991.

Dome 226 was constructed on Pad 1 in 1994 during Construction Phase I-R of the Transuranic Waste Inspectable Storage Project (TWISP) responding to NMED Compliance Order 93-03. After construction, the dome provided secure and weather resistant storage for transuranic and mixed transuranic waste containers.

Dome 226 has experienced structural problems leading to operational shutdowns over safety concerns. The decision has been made to take down the dome due to the uncertainty of the structural integrity of the dome and the potential consequences to personnel if a serious failure were to occur. Waste containers stored in this dome have been removed.

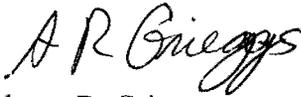
The components of Dome 226 will be removed pursuant to the closure procedures contained in Attachment E.10 of the LANL Hazardous Waste Facility Permit as amended in 1996 to include the TWISP. As an option discussed in the closure plan, the dome fabric and framework will be managed as waste material rather than decontaminated. Final disposition of the dome components will be determined in accordance with LANL waste characterization and material management procedures. This removal project may start as soon as May, 2009 and should be completed by September, 2009.



As discussed in the April 6, 2009 meeting with your office, the removal of the dome is not intended to initiate the closure of the TA-54 Area G Pad 1 container storage unit but is being undertaken in a manner consistent with equipment dismantling as allowed by 20.4.1 NMAC, incorporating 40 CFR §264.112(e) for units with approved closure plans. LANL will maintain the area of the pad currently covered by Dome 226 for additional storage as needed in accordance with Section III.A.5.c of the LANL permit. Storage capacity for the remainder of Pad 1 will continue at TA-54-412, the Decontamination and Volume Reduction System (DVRS) Building.

LANL will continue to provide informal notices of activities as this project develops. Please contact Gian Bacigalupa at (505) 667-1579 of the Water Quality and RCRA Group (ENV-RCRA) if you have any questions.

Sincerely,



Anthony R. Grieggs
Group Leader
Water Quality & RCRA Group (ENV-RCRA)

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