

TA21

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**ENVIRONMENT DEPARTMENT**



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**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

May 29, 2007

David Gregory  
Federal Project Director  
Los Alamos Site Office  
Department of Energy  
528 35<sup>th</sup> Street, Mail Stop A316  
Los Alamos, NM 87544

David McInroy  
Remediation Services Deputy Project Director  
Los Alamos National Laboratory  
P.O. Box 1663, Mail Stop M992  
Los Alamos, NM 87545

**RE: COMMENTS ON THE RESPONSE TO THE APPROVAL WITH  
MODIFICATIONS  
INVESTIGATION REPORT FOR MATERIAL DISPOSAL AREA A AT  
TECHNICAL AREA 21, SOLID WASTE MANAGEMENT UNIT 21-014  
LOS ALAMOS NATIONAL LABORATORY (LANL)  
EPA ID #NM0890010515  
HWB-LANL-06-023**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy and the Los Alamos National Security, LLC (the "Permittees") document entitled "*Submittal of the Response to the Approval with Modifications for the Investigation Report, Material Disposal Area A, Solid Waste Management Unit 21-014, at Technical Area 21* (Response) dated March 15, 2007 and referenced by EP2007-0149. NMED has reviewed this Response and agrees with the additional field activities outlined by the Permittees with one exception. The Permittees propose to collect an additional round of samples from four locations (21-26485, 21-26481, 21-26496, and 21-26588). Based on the tritium activities detected in pore gas in the 25-27 foot interval below ground surface during the first round at location 21-26484,

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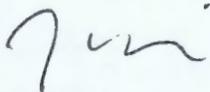


Messrs. Gregory and McInroy  
Comments on the Response  
MDA A Investigation Report Approval with Modifications  
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NMED requires the Permittees to collect additional samples from this location. Additional tritium data from this location will help further determine the need for long-term vapor monitoring.

As stated in the response, the Permittees must submit a status report to NMED that summarizes the results of the additional field work with recommendations regarding the need for and the design of a long-term monitoring plan. The status report must be submitted no later than November 30, 2008. Should you have any questions regarding this letter, please contact Darlene Goering of my staff at (505) 476-6042.

Sincerely,



James P. Bearzi  
Chief  
Hazardous Waste Bureau

JPB: dxg

cc: D. Goering, NMED HWB  
S. Yanicak, NMED DOE OB, MS J993  
~~L. King, EPA 6PD-N~~  
G. Rael, DOE LASO, MS A316  
C. Mangeng, LANL ADEP, MS M591

file: Reading and LANL TA-21