

TA21



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NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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RON CURRY
Secretary
CINDY PADILLA
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

August 9, 2007

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

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

**RE: APPROVAL WITH MODIFICATION FOR THE SUPPLEMENTAL WORK
PLAN FOR CONSOLIDATED UNIT 21-018(a)-99, AT TECHNICAL AREA 21,
LOS ALAMOS NATIONAL LABORATORY (LANL)
EPA ID #NM0890010515,
HWB-LANL-06-021**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) is in receipt of the Department of Energy and the Los Alamos National Security, LLC's (collectively, the Permittees) submittal entitled *Sampling Data for Area of Elevated Radioactivity Near Location ID 21-02523 and North of Absorption Bed 3, Consolidated Unit 21-018(a)-99, Material Disposal Area V, at Technical Area 21* dated July 3, 2007 and referenced by EP2007-0346. The aforementioned submittal included a Supplemental Work Plan for removal of material near location ID 21-02523, north of absorption bed 3 at MDA V, and subsequent confirmation sampling. NMED has reviewed this document and hereby issues this approval with the following modification.

30269



Messrs. Gregory and McInroy
August 9, 2007
Page 2

Comment:

- In Table 2, the Permittees propose to abandon borehole 21-02325 (320 feet). NMED concurs with this action. The Permittees are advised, however, that long-term monitoring of groundwater and the vadose zone will be required. Given that the deep boreholes at MDA V have been or will be abandoned, the Permittees will be required to drill wells for the purposes of vapor monitoring, groundwater monitoring, or both at TA-21. This requirement may be satisfied through implementation of the work plan to investigate the vertical and lateral extent of residual contamination at MDA B, to be submitted to NMED following source removal activities.

The Supplemental Investigation Report for the activities approved by this action must be submitted to NMED by February 25, 2008. The Notice Date will be June 25, 2008. In accordance with Section XI.A of the March 1, 2005 Order on Consent (Order), all submittals must be in the form of two paper copies and one electronic copy.

Should you have any questions, please contact Kathryn Roberts at (505) 476-6041.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

cc: K. Roberts, NMED HWB
N. Dhawan, NMED HWB
D. Goering, NMED HWB
T. Skibitski, NMED DOE OB
S. Yanicak, NMED DOE OB, MS J993
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L. King, EPA 6PD-N
S. Stiger, LANL ADEP, MS J591
file: Reading and LANL TA-21 '07 [SWMU 21-018(a)-99]