



BILL RICHARDSON
Governor

DIANE DENISH
Lieutenant Governor

TA16

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

2905 Rodeo Park Drive East, Building 1

Santa Fe, New Mexico 87505-6303

Phone (505) 476-6000 Fax (505) 476-6030

www.nmenv.state.nm.us

ENTERED



RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 10, 2009

David Gregory
Federal Project Director
Los Alamos Site Office
Department of Energy
3747 West Jemez Road, Mail Stop A316
Los Alamos, NM 87544

David McInroy
Remediation Services Deputy Project Director
Los Alamos National Laboratory
Environmental Programs, MS A992
Los Alamos, NM 87545

**RE: APPROVAL
REQUEST FOR PERMEABLE REACTIVE BARRIER DESIGN
MODIFICATIONS FOR CONSOLIDATED UNIT 16-021(C)-99
EPA ID #NM0890010515
HWB-LANL-07-011**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security, L.L.C. (LANS) (collectively, the Permittees) document entitled *Request for Approval of Permeable Reactive Barrier Design Modifications for Consolidated Unit 16-021(c)-99* (Request) dated November 16, 2009 and referenced by EP2009-0604. A one-month extension for the installation of the permeable reactive barrier (PRB) is also included in the Request.

NMED has reviewed the Request to modify the design of the PRB and hereby issues this Approval. The unexpected thickness of the canyon-bottom alluvium encountered at the proposed PRB location is significant with respect to modifying the design of the PRB, therefore, the Permittees have shown good cause for the requested one-month extension to complete the installation of the PRB. NMED also hereby grants the requested extension from December 31, 2009 to January 31, 2010 to install the modified PRB. The Permittees shall provide written notification to NMED no less than 15 days prior to the start of installation of the permeable reactive barrier. As directed in an earlier correspondence from NMED, June 24, 2009 letter, the



32295

Permittees must submit a Summary Report providing detailed documentation of all completed and in-progress remedies, such as the PRB, no later than **March 1, 2010**. The Permittees must submit a long-term monitoring and maintenance plan for all of the installed remediation systems no later than **April 30, 2010**.

Should you have any questions or comments, please contact Michael Dale (505) 661-2673.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
K. Roberts, NMED HWB
M. Dale, NMED HWB
J. Kulis, NMED HWB
T. Skibitski, NMED DOE OB
S. Yanicak, NMED DOE OB, MS J993
B. Olson, NMED GWQB
L. King, EPA 6PD-N
G. Rael, DOE LASO, MS A316
L. Woodworth, DOE LASO, MS A316
M. Graham, LANL, ADEP, M991
J. McCann, LANL, ENV, MS M992

file: Reading and LANL TA-16, 260 Outfall, Consolidated Unit 16-021(c)-99 Corrective Measures Implementation – Permeable Reactive Barrier