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79-03
NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

August 10, 2009

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

David McInroy
Remediation Services Deputy Project Director
Los Alamos National Laboratory
P.O. Box 1663, Mail Stop A992
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATIONS FOR THE WORK PLAN TO PLUG AND
ABANDON WELLS 03-B-09 AND 03-B-10, LOS ALAMOS NATIONAL
LABORATORY
EPA ID # NM0890010515
HWP-LANL-06-002**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and Los Alamos National Security, LLC (collectively, the Permittees) document entitled *Work Plan to Plug and Abandon Wells 03-B-09 and 03-B-10* (herein after, the Plan) dated July 6, 2009 and referenced by LA-UR-09-3324/EP2009-0301. NMED has reviewed the Plan and hereby issues this Approval with Modifications.

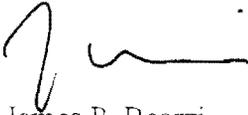
Prior to well abandonment, the Permittees must conduct a pumping test between the three existing wells in order to assess the properties of the shallow groundwater zone. These data will be used to evaluate any future remedial actions required at the site. During the plugging and abandoning of the subject wells, the Permittees must make every effort not to disturb and/or damage the integrity of well 03-B-13. The Permittees must notify NMED no less than 15 days prior to initiating the pumping test and well-abandonment field activities. All well abandonment must be conducted in accordance with 19.27.4 NMAC including submittal of a plan for well abandonment in accordance with 19.27.4.30 C NMAC. The subject wells must be plugged and abandoned by **October 1, 2009** and the associated completion report must be submitted by



November 1, 2009. A work plan describing the proposed aquifer test activities must be submitted to NMED for approval no later than **September 4, 2009**. The plan may be submitted in table format similar to recent regional well installation work plans submitted by the Permittees to NMED. A separate report summarizing the results of the aquifer testing must be submitted by **November 30, 2009**

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

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

JPB:md

cc: D. Cobrain, NMED HWB
K. Roberts, NMED HWB
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file: Reading and LANL P&A of 03-010(a) wells 03-B-09 and 03-B-10