



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](http://www.nmenv.state.nm.us)

BILL RICHARDSON  
Governor

DIANE DENISH  
Lieutenant Governor

RON CURRY  
Secretary

SARAH COTTRELL  
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 19, 2010

Patty Wagner  
Manager

U. S. Department of Energy  
NNSA/Sandia Site Office  
P.O. Box 5400, MS 0184  
Albuquerque, NM 87185-5400

Dr. Marianne C. Walck  
Director

Nuclear Energy & Global Security Technologies  
Sandia National Laboratories  
P.O. Box 5800, MS 0701  
Albuquerque, NM 87185-0701

**RE: NOTICE OF CONDITIONAL APPROVAL  
SNL RESPONSES TO NMED DECEMBER 2009 NOD ISSUED FOR TA-V  
GROUNDWATER INVESTIGATION WORK PLAN ASSOCIATED WITH  
TA-V GROUNDWATER CME REPORT, JULY 2005  
SANDIA NATIONAL LABORATORIES, EPA ID# NM5890110518  
HWB-SNL-05-027**

Dear Ms. Wagner and Dr. Walck:

The New Mexico Environment Department (NMED) has reviewed the subject responses to NMED's 3<sup>rd</sup> Notice of Disapproval (NOD) issued on December 29, 2009, for the *Corrective Measures Evaluation Report for Technical Area-V, July 2005*. The subject responses to the 3<sup>rd</sup> NOD were submitted February 22, 2010, by the U. S. Department of Energy (DOE) on behalf of DOE and Sandia Corporation (the Permittees) for Sandia National Laboratories (SNL). The submittal included responses to seven specific comments and one general comment, as well as a revised Work Plan (Appendix A, dated February 2010). NMED approves the responses and the revised Work Plan subject to the following conditions.

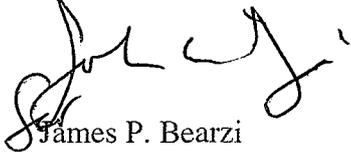
The Permittees, in their response to comments 3, 4 and 7, state that geophysical logging and slug testing would be performed sometime after submittal of the Well Installation Report and before completion of 8 quarters of groundwater sampling at the new wells, with the results of the geophysical logging and slug tests to be included in the revised Current Conceptual Model. NMED requires that the results of the geophysical logging and slug testing be reported to the NMED by November 30, 2010.

Ms. Wagner and Dr. Walck  
May 19, 2010  
Page 2

Furthermore, should additional wells be required to bracket the 5 µg/L isopleths for TCE contamination in groundwater, as discussed in the Permittees' response to the general question, NMED must approve of the locations of any such new wells before the wells are installed.

If you have any questions regarding this matter, please contact Sid Brandwein of my staff at (505) 222-9504.

Sincerely,



James P. Bearzi  
Chief  
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB  
W. Moats, NMED HWB  
S. Brandwein, NMED HWB  
T. Skibitski, NMED DOE-OB  
L. King, EPA-6  
J. Cochran, SNL, MS 0719  
J. Gould, SNL, MS 0184  
File: SNL 2010 and Reading  
SNL-05-027