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NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 22, 2008

Ms. Kimberly A. Davis
Acting Manager
NNSA/Sandia Site Office
U. S. Department of Energy
P.O. Box 5400, MS 0184
Albuquerque, NM 87185-5400

Mr. Francis B. Nimick
Deputy Director
Nuclear Energy & Global Security Technologies
Sandia National Laboratories
P.O. Box 5400, MS 0701
Albuquerque, NM 87185

**RE: CORRECTIVE ACTION MANAGEMENT UNIT VADOSE ZONE
MONITORING SYSTEM ANNUAL MONITORING RESULTS REPORT,
SEPTEMBER 2008; SEPTEMBER 2007; SEPTEMBER 2006.
SANDIA NATIONAL LABORATORIES, EPA ID# NM5890110518
HWB-SNL-08-022; 07-021; 06-010**

Dear Ms. Davis and Mr. Nimick:

The New Mexico Environment Department (NMED) has reviewed the Corrective Action Management Unit Vadose Zone Monitoring Results Reports (Reports) dated September 2008 (with cover letter dated September 30, 2008), September 2007 (with cover letter dated September 26, 2007) and September 2006 (with cover letter dated September 27, 2006). The NMED has found the Reports to be adequate and no additional information is required at this time.

The Reports document an increasing trend in the soil gas concentration of Trichlorethene (TCE) and Tetrachloroethene (PCE) at several of the soil vapor monitoring points at the containment cell. In particular, the concentration of TCE and PCE has been increasing at VSA-3 and VSA-8 at both the 5 and 15 feet sampling ports. As these increases are only at these two sampling ports rather than site wide it may indicate that site gas is migrating from the Corrective Action Management Unit. NMED will be observing this trend in TCE and PCE concentrations through the review of future submittals.



Ms. Davis and Mr. Nimick
December 22, 2008
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If you have any questions regarding this letter, please contact Brian L. Salem of my staff at (505) 222-9576.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
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