



National Nuclear Security Administration

Sandia Site Office

P.O. Box 5400

Albuquerque, New Mexico 87185-5400

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JAN 2 2010

**CERTIFIED MAIL-RETURN RECEIPT REQUESTED**

James Bearzi, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Road East, Bldg. 1  
Santa Fe, NM 87505



Dear Mr. Bearzi:

On behalf of the U. S. Department of Energy/National Nuclear Security Administration (DOE/NNSA), and Sandia Corporation (Sandia), DOE/NNSA is submitting the Mixed Waste Landfill (MWL) Corrective Measures Implementation (CMI) Report. The MWL CMI Report provides the data and documentation that demonstrate the deployment of the MWL alternative Evapotranspirative (ET) Cover that was performed in accordance with the requirements presented in the MWL Corrective Measures Implementation Plan (CMIP) Sandia National Laboratories/New Mexico (SNL/NM November 2005). Construction of the MWL ET Cover was completed on September 3, 2009. Consistent with the SNL/NM Resource Conservation and Recovery Act (RCRA) Permit, this CMI Report is being submitted for approval by the New Mexico Environment Department (NMED) within 180 days after implementation of the remedy.

Appendix A of the MWL CMI Report is the MWL Alternative Cover Construction Quality Assurance (CQA) Report, which is a two volume report prepared by the independent third-party CQA Contractor. The MWL Alternative Cover CQA Report is certified by a New Mexico registered Professional Engineer and provides all construction quality control and CQA data and documentation. Volume 1 contains tables, figures, as-built drawings, etc. Volume 2 of this report provides supporting documentation in the form of attachments and is provided electronically on a compact disc at the end of the report. A separately bound hard copy of Volume 2 is provided for the NMED Hazardous Waste Bureau document library as previously discussed with Mr. William Moats of your staff. Additional hardcopies of the MWL Alternative Cover CQA Report Volume 2 will be maintained at the DOE/Sandia Document Repository (Public Reading Room, Zimmerman Library at the University of New Mexico) and the SNL/NM Customer Funded Records Center, formerly known as the SNL/NM Environment, Safety & Health and Security Records Center.

Should you have any questions regarding this MWL CMI Report please contact me at (505) 845-6036, or Joe Estrada of my staff at (505) 845-5326.

Sincerely,

*Katelyn A. Davis*  
for

Patty Wagner  
Manager

Mr. James Bearzi

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JAN 20 2010

Enclosures (2)

cc w/enclosure:

W. Moats, NMED-HWB (via Certified Mail)  
L. King, EPA, Region 6 (via Certified Mail)  
T. Skibitski, NMED-OB, MS-1396  
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Zimmerman Library, UNM  
SNL ES&H Records Center, SNL/NM, Org.6765, MS-0718

cc w/o enclosure:

T. Longo, NA-56, HQ/GTN  
J. Lehr, NA-56, HQ/GTN  
J. Gould, NNSA/SSO, MS-0184  
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## CERTIFICATION STATEMENT FOR APPROVAL AND FINAL RELEASE OF DOCUMENTS

**Document title:** Mixed Waste Landfill Corrective Measures Implementation Report, January 2010.

**Document author:** Mike Mitchell, Department 06765

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

Signature: Marianne C. Walck  
**Marianne Walck, Director**  
Nuclear Energy & Global Security Technologies  
Center 6700  
Sandia National Laboratories/New Mexico  
Albuquerque, New Mexico 87185  
Operator

1-20-10  
Date

and

Signature: Kelly A. Davis  
**Ms. Patty Wagner, Manager**  
U.S. Department of Energy  
National Nuclear Security Administration  
Sandia Site Office  
Owner and Co-Operator

1/25/10  
Date