



National Nuclear Security Administration

Sandia Site Office

P.O. Box 5400

Albuquerque, New Mexico 87185-5400



MAR 13 2007

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. 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 Sandia Corporation (Sandia) and the Department of Energy (DOE), DOE is requesting the concurrence of the New Mexico Environment Department (NMED) on our plan to implement several precautionary measures to prevent damage to the Mixed Waste Landfill (MWL) subgrade pending installation of the cover.

The MWL subgrade preparation was completed in December 2006 per the specifications in the Corrective Measures Implementation (CMI) Plan. In January 2007 DOE and Sandia completed the response to the Notice of Deficiency on the MWL CMI Plan and anticipated approval of the Plan by the NMED. The delay in approval of the CMI Plan, along with several other factors beyond our control, resulted in a delay in the construction of the MWL cover. These other factors include: (1) the requirement for soil gas sampling prior to cover installation, and (2) the time required to complete the review process for the soil gas sampling and analysis plan.

The MWL technical team and the Construction Quality Assurance engineer have recommended installation of erosion-control matting to protect the subgrade from erosion during this summer's rainy season. A technical justification for installation of the erosion-control matting is documented in a letter from MKM Engineers, Inc. dated February 27, 2007, and maintained in Sandia's files. To prevent subgrade degradation, DOE and Sandia are planning the following measures:

1. Installation of erosion-control matting (~ 3/16" thick). The matting is biodegradable, is designed to protect the MWL subgrade for up to 12 months and poses no impacts to the cover design.
2. Construction of swales east of the landfill to divert run-on and prevent erosion of the subgrade during heavy rainfall events this summer. The swales will be constructed in the locations proposed in the MWL cover design in the CMI Plan.
3. Periodic inspection/maintenance of the erosion-control matting and subgrade surface.

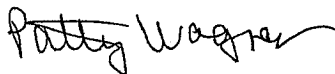
MAR 13 2007

4. Retesting of the compaction of the MWL subgrade surface prior to cover installation. If necessary, the subgrade surface will be reworked to meet compaction specifications prior to construction of the MWL cover.

DOE and Sandia will proceed with the cover installation only following written approval by the NMED of the MWL CMI Plan.

Please indicate your concurrence by responding to this letter at your earliest convenience, but preferably by March 23, 2007. If you have any questions regarding this submittal, please contact me at (505) 845-6036 or Joe Estrada, Federal Project Director at (505) 845-5326.

Sincerely,



Patty Wagner
Manager

cc:

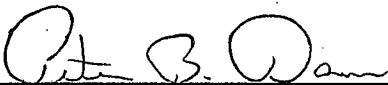
W. Moats, NMED (via Certified Mail)
J. Kieling, NMED, Santa Fe
L. King, USEPA, Region VI (via Certified Mail)
T. Skibitski, NMED-OB
T. Longo, NNSA/NA-56/HQ, GTN
M. Reynolds, NNSA/SSO, MS 0184
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A. Blumberg, SNL/NM, Org. 11100, MS 0141
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P. Freshour, SNL/NM, Org. 6765, MS 1089
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CERTIFICATION STATEMENT FOR APPROVAL AND FINAL RELEASE OF DOCUMENTS

Document title: **NMED Notification of Precautionary Measures at Mixed Waste
Landfill, March 2007**

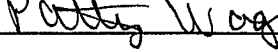
Document authors: **Paul Freshour, 6765**

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: 
Peter B. Davies
Director
Nuclear Energy & Global Security Technologies
Division 6700
Sandia National Laboratories/New Mexico
Albuquerque, New Mexico 87185
Operator

3/2/07
Date

and

Signature: 
Patty Wagner
Manager
U.S. Department of Energy
National Nuclear Security Administration
Sandia Site Office
Owner and Co-Operator

3-13-07
Date