



**Department of Energy**  
Carlsbad Field Office  
P. O. Box 3090  
Carlsbad, New Mexico 88221

**JUN 17 2013**

Mr. John E. Kieling, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505-6303

Subject: Notification of Planned Physical Alteration to the Permitted Facility, Hazardous Waste Facility Permit, No: NM4890139088-TSDF

Dear Mr. Kieling:

The purpose of this letter is to notify you of a planned physical alteration to the permitted facility in accordance with the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit, Part 1.7.11.1. The alterations include:

1. Rerouting the 3-inch fire water main pipe closer to the roof to provide more clearance for the CH-Bay Cranes;
2. Run new cross-mains north-south from the 3-inch fire water main above each TRUDOCK;
3. Add new branch lines east-west from the fire water cross-mains to each sprinkler head location;
4. Install equivalent pendant sprinkler heads instead of the original upright ones over each TRUDOCK; and,
5. Measure for Occupational Safety and Health Administration clearance and verify the National Fire Protection Association (NFPA) 13 compliance by hydro testing of the modified sprinkler system.

These changes are being made to improve system performance in the vicinity of the TRUDOCKs. There are no modifications required to the Hazardous Waste Facility Permit for these changes. Waste management activities will be suspended while the new sprinkler system is connected to the existing fire water supply line, during testing, until the system is certified by a registered New Mexico Professional Engineer, and during subsequent inspection if required by the New Mexico Environment Department.

The Permittees will have the installation of this sprinkler system performed by a licensed professional fire protection installation company as required by the NFPA 13 Standard for the Installation of Sprinkler Systems. Installed components and installation testing will comply with NFPA 13. The Permittees expect these changes will occur in early July 2013.

Mr. John E. Kieling

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We certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our 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 our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. George T. Basabilvazo at (575) 234-7488.

Sincerely,

// Original Signatures on File //

~~Jose R. Franco, Manager~~  
Carlsbad Field Office

M. F. Sharif, Project Manager  
Nuclear Waste Partnership, LLC

cc:

T. Kliphuis, NMED \* ED

T. Skibitski, NMED ED

C. Walker, Trinity Engineering ED

CBFO M&RC

\*ED denotes electronic distribution