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

APR 2 8 2014

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

Subject: Report of Implementation of the Waste Isolation Pilot Plant Facility Resource Conservation and Recovery Act Contingency Plan on April 11, 2014

Dear Mr. Kieling:

The purpose of this letter is to provide the Report of Implementation of the Waste Isolation Pilot Plant Facility Resource Conservation and Recovery Act Contingency Plan on April 11, 2014. This report is required by the Hazardous Waste Facility Permit (NM4890139088-TSDF) Attachment D, Section D-8, Required Reports.

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 ensure 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.

Please contact Mr. George T. Basabilvazo at (575) 234-7488, if you have any questions regarding this report transmittal.

Sincerely,

Jose R. Franco, Manager
Carlsbad Field Office

Robert L. McQuinn, Project Manager
Nuclear Waste Partnership LLC

Enclosure

cc: w/enclosure
T. Kliphuis, NMED *ED
T. Blaine, NMED ED
CBFO M&RC
*ED denotes electronic distribution

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REPORT OF IMPLEMENTATION OF THE WASTE ISOLATION PILOT PLANT FACILITY

RESOURCE CONSERVATION AND RECOVERY ACT CONTINGENCY PLAN

April 11, 2014

The purpose of this report is to satisfy the requirement in Attachment D, Section D-8, Required Reports, of the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit (Permit). The requirement is to submit a written report of the incident to the U. S. Environmental Protection Agency (EPA) Region VI Administrator and to the Secretary of the New Mexico Environment Department (NMED). Information required to be included in the report is provided in the following items.

The name, address, and telephone number of the owner/operator

The United States Department of Energy (DOE) is owner/co-operator of the WIPP facility (EPA I.D. Number NM4890139088). Nuclear Waste Partnership LLC, Management and Operating Contractor (MOC), is also co-operator of the WIPP facility.

The mailing address is P.O. Box 3090, Carlsbad, New Mexico, 88221 and the telephone number is (575) 234-7301.

The name, address, and telephone number of the facility

The WIPP facility's physical address is 30 miles (mi) east of Carlsbad on Jal Highway, Carlsbad, New Mexico 88221 and the telephone number is (575) 234-7301.

The date, time, and type of incident (e.g., fire, explosion, or release)

The incident, a release of radioactive material, occurred on February 14, 2014, at approximately 11:30 p.m. The RCRA Contingency Plan, (Attachment D of the WIPP Permit) was implemented on April 11, 2014 prior to initial re-entry into the permitted portion of the underground, south of S-1600 drift where the hazardous waste disposal units are located. The RCRA Contingency Plan is part of the investigation of the release source and assessment of the extent of the release within the WIPP underground regulated facility. The RCRA Contingency Plan will be part of recovery from the incident.

The name and quantity of material(s) involved

The Permittees have identified that the radionuclide portion of transuranic (TRU) mixed waste was a material involved in the release. The specific quantity of hazardous waste released is likely unknowable since the release occurred in a permitted disposal unit containing TRU mixed waste in containers. One or more of these containers were involved in the release. Phased entries into the underground disposal unit began on Saturday, April 12, 2014, after implementation of the RCRA Contingency Plan. The entries support evaluation of the extent of contamination resulting from the material released and the quantity involved.

The extent of injuries, if any

There were no injuries directly resulting from the initial incident.

An assessment of actual or potential hazards to human health or the environment, where this is applicable

Several individuals that were on site during the period of the event received radiological exposures. No lasting health effects are expected as a result of these exposures based on the very low levels detected by bioassay methods. The results of monitoring and analysis conducted since the release have indicated there were no actual or potential hazards to human health or the environment due to exposure to hazardous waste or waste constituents. Further assessment of actual or potential hazards to human health or the environment will be performed during phased entries into the underground.

The estimated quantity and disposition of recovered material that resulted from the incident

No materials are expected to be recovered from the incident. If decontamination is needed, a notification will be submitted when decontamination is complete. The final volume of derived waste will be determined and recorded in the WIPP Waste Data System.

In addition to the specific information required in the RCRA Contingency Plan, Attachment 1 of this report is a summary of the parties notified of implementation of the Plan.

Attachment 1

Notifications of Implementation of the WIPP RCRA Contingency Plan All Notifications made on April 11, 2014		
	Notified Party	**Time of Notification**
Local, State, and Federal Authorities listed in Permit Attachment D-4a(3) and Tables D-8 and D-9		
1	Carlsbad Police Department	10:19 a.m.
2	Carlsbad Fire Department	10:11 a.m.
3	Eddy County Sheriff	2:59 p.m.
4	Hobbs Police and Fire Departments	10:22 a.m.
5	NMED Emergency Response Office	10:41 a.m.
6	Department of Public Safety WIPP Coordinator	11:07 a.m.
7	Department of Homeland Security Emergency Management – WIPP Coordinator and State Emergency Response Commission (Hazardous Materials Emergency Response, Chemical Safety Office, Department of Public Safety)	10:48 a.m.
8	National Response Center	11:01 a.m.
9	Local Emergency Planning Committee – Eddy County	10:38 a.m.
10	Eddy County Emergency Manager	10:36 a.m.
11	Lea County Emergency Manager	10:21 a.m.
12	New Mexico State Police	10:48 a.m.
13	NMED Hazardous Waste Bureau	10:20 a.m.
14	NM State Emergency Operations Center and Watch Office	10:45 a.m.
15	U.S. Department of Energy Headquarters	10:09 a.m.
Courtesy Notification to Neighbors		
16	Mills Ranch	10:56 a.m.
17	Smith Ranch	10:59 a.m.
18	Berry Ranch	11:03 a.m.
19	Mobley Ranch	11:07 a.m.
20	Devon Energy	11:18 a.m.
21	Yates Petroleum	11:20 a.m.
22	OXY (Occidental Petroleum Corporation)	11:32 a.m.
23	Bopco LP	1:25 p.m.
24	Linn Oil	11:30 a.m.