



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



MAR 7 2011

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

Subject: Notification of Public Notice and Fact Sheets to the Waste Isolation Pilot Plant
Mailing List – Permit Number: NM4890139088-TSDF

Dear Mr. Bearzi:

The purpose of this letter is to provide the New Mexico Environment Department with the information identified in 20.4.1.900 of the New Mexico Administrative Code which incorporates 40 CFR Section 270.42(b)(2) regarding the TRUPACT-III and Standard Large Box 2 Permit Modification Request. The information the Permittees mailed and published is included in enclosure 1 and 2 and is summarized below:

- Public Notice for Class 2 PMR entitled "Public Information Meetings on a Requested Modification to the Hazardous Waste Facility Permit for the Waste Isolation Pilot Plant"
- Fact Sheet for Class 2 PMR entitled "Department of Energy Proposes Modification to Hazardous Waste Facility Permit"

Evidence of the mailing and publication listed below is included as enclosure 2:

- Copy of the Public Notice from the Albuquerque Journal
- Copy of the Public Notice from the Carlsbad Current Argus
- Copy of the receipt from the Western Data Services Inc, indicating a mail out to the Facility Mailing List

For purposes of the certification required by Title 20 of the New Mexico Administrative Code, Chapter 4, Part 1 (20.4.1 NMAC), Subpart IX, §270.11(d), the United States Department of Energy and the Management and Operating Contractor representatives certify, under penalty of law that this document and all enclosures were prepared under their direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on their 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 their knowledge and belief, true, accurate, and complete for their respective areas of responsibility. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



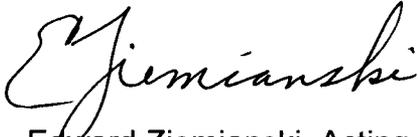
Mr. James Bearzi

-2-

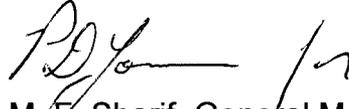
MAR 7 2011

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

Sincerely,



Edward Ziemianski, Acting Manager
Carlsbad Field Office



M. F. Sharif, General Manager
Washington TRU Solutions LLC

Enclosure(s)

cc: w/enclosures
S. Zappe, NMED
CBFO M&RC

*ED

cc: w/o enclosures
J. Kieling, NMED

ED

*ED denotes electronic distribution

Attachment 1

- **Public Notice for Class 2 PMR entitled "Public Information Meeting On a Requested Modification to the Hazardous Waste Facility Permit for the Waste Isolation Pilot Plant"**
- **Fact Sheet for Class 2 PMR entitled "DOE Proposes Modification To Hazardous Waste Facility Permit"**

PUBLIC INFORMATION MEETINGS

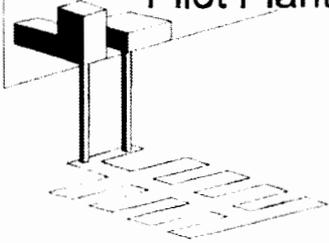
On a Requested Modification to the Hazardous Waste Facility Permit for the Waste Isolation Pilot Plant



- WHO:** U.S. Department of Energy (DOE) Carlsbad Field Office and Washington TRU Solutions LLC (WTS)
- WHAT:** DOE and WTS will conduct public meetings to provide information on the following permit modification request to the WIPP Hazardous Waste Facility Permit. There will be a 60-day public comment period beginning on January 17, 2011.
- WHEN:** Tuesday, February 8, 2011
5 – 6 p.m. Thursday, February 10, 2011
2 – 4 p.m. & 6 – 8 p.m.
- WHERE:** Skeen-Whitlock Building
4021 National Parks Highway
Carlsbad, New Mexico
Courtyard by Marriott
3347 Cerrillos Road
Santa Fe, New Mexico
- WHY:** On January 10, 2011, DOE submitted a Class 2 permit modification request to the New Mexico Environment Department (NMED). The proposed modification is requesting that the items listed below be added to the WIPP Permit for use at the site.
- Allow for the receipt of the TRUPACT-III shipping package at the WIPP facility. This package is a Nuclear Regulatory Commission certified Type B package as required for transporting transuranic (TRU) waste to the WIPP facility. It is designed to transport TRU waste in a large container known as the Standard Large Box 2 (SLB2).
 - Add the SLB2 as an approved storage and disposal container at the WIPP facility. This container is necessary to accommodate items that exceed the volume capacity of existing approved TRU waste containers.
 - Add Airlock 107 and Room 108 as part of the Contact-Handled Bay. These additional areas are necessary to manage TRUPACT-III and will increase the size of the CH Bay by 6,156 square feet. This increase in size does not include an increase in the amount of storage capacity for TRU waste in the CH Bay.
 - Add equipment for handling TRUPACT-III and the SLB2. The equipment will consist of an automated yard transfer vehicle, payload transfer station, bolting robot and vent hood. The yard transfer vehicle will be used to move the TRUPACT-III from the parking area unit into Room 108 inside the CH Bay. Additionally, a payload transfer station, bolting robot and vent hood will be added to the permit to facilitate the removal of the SLB2 from the TRUPACT-III.
- HOW:** Additional information about this permit modification request can be obtained from Mr. Bobby St. John, WTS, at 1-800-336-9477. The permit modification is also available in the Information Repository located on the WIPP web site at www.wipp.energy.gov and at the WIPP Information Center, Skeen-Whitlock Building, 4021 National Parks Highway, Carlsbad, N.M. A copy of the requested permit modification also may be obtained from NMED at the address listed below.
- COMMENTS:** Written comments for the record must be sent to the NMED contact person at the address below and received no later than 5 p.m. on March 17, 2011:
- Mr. Steve Zappe
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, N.M. 87505
Phone: 505-476-6051
Fax: 505-476-6060
E-mail: steve.zappe@state.nm.us
- The Permittees' compliance history during the life of the permit being modified is available from Mr. Steve Zappe at the New Mexico Environment Department.
- QUESTIONS:** Any questions or comments to the Permittees regarding this permit modification may be sent to Mr. Bobby St. John, P.O. Box 2078, Carlsbad, N.M. 88221, no later than March 10, 2011.

January 16, 2011

Waste Isolation Pilot Plant



Fact Sheet

DOE Proposes Modification To Hazardous Waste Facility Permit



Changes to WIPP Hazardous Waste Facility Permit

Background The U.S. Department of Energy Carlsbad Field Office (DOE) and Washington TRU Solutions LLC (WTS) submitted a Class 2 permit modification request to the New Mexico Environment Department (NMED) to change the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit (Permit). NMED issued the Permit (Permit Number: NM4890139088-TSDF) in November 2010.

What is Proposed? The proposed modification submitted to NMED on January 10, 2011, is requesting specific items be added to the Permit for use at the site. The modification is requesting the addition of:

1. TRUPACT-III as a shipping package
2. Standard Large Box 2 as a storage and disposal container
3. Room 108 and Airlock 107 as part of the contact-handled (CH) bay
4. Equipment to the facility to allow for the handling of TRUPACT-III and Standard Large Box 2

The shipping package, container and handling equipment will be used to manage CH transuranic (TRU) mixed waste that is approved for shipment and disposal at the WIPP facility.

TRUPACT-III

The first request would allow for the receipt of the TRUPACT-III shipping package at the WIPP facility. This package is a Nuclear Regulatory Commission certified Type B package as required for transporting TRU waste to the WIPP facility. The TRUPACT-III is designed to transport TRU waste in a large container known as the Standard Large Box 2. When loaded with TRU waste, TRUPACT-III will consist of a single Standard Large Box 2. Shipments made in TRUPACT-III will meet applicable Department of Transportation requirements.

Standard Large Box 2

This container is necessary to accommodate items that exceed the volume capacity of existing TRU waste containers approved for management at the WIPP facility. These large boxes will not fit inside either the TRUPACT-II or the HalfPACT, which are currently the only two CH waste shipping containers approved for use at the WIPP facility.

Room 108 and Airlock 107

Additional areas are necessary to manage TRUPACT-III in the CH Bay. These areas are designated as Airlock 107 and Room 108. These areas will increase the total area of the CH Bay by 6,156 square feet. This increase in size does not include an increase in the amount of storage capacity for TRU waste.

Additional Equipment for Handling TRUPACT-III and Standard Large Box 2

- **Facility Transfer Vehicle and Yard Transfer Vehicle**
The Facility Transfer Vehicle is currently described in the Permit in Table A1-2. The Yard Transfer Vehicle is an automated guided vehicle that will transport the TRUPACT-III shipping container from parking area unit into Room 108. It will travel on a pre-programmed path and will communicate with the computer guidance system via wireless transmission. There are numerous safety features on the Yard Transfer Vehicle to ensure the vehicle will not bump something or deviate from the pre-determined path.
- **Bolting Robot**
The Bolting Robot is used to remove and/or install the TRUPACT-III overpack cover and closure lid bolts. The Bolting Robot is an electro-mechanical system with an end-of-arm tool used to de-tension, remove, install and re-tension the TRUPACT-III overpack cover and closure lid bolts.
- **Vent Hood**
The Bolting Station has an exhaust system that consists of a vent system. The system is similar to the one used for the TRUPACT-II and HalfPACT. The system will tie into the existing exhaust system in the Waste Handling Building. The vent hood operation routes air through a high efficiency particulate air filter prior to discharging it to the atmosphere.
- **Payload Transfer Station**
The Payload Transfer Station consists of a payload lifter, transfer table or Facility Transfer Vehicle with roller table and a control system. This location allows for the removal of the Standard Large Box 2 from the TRUPACT-III. The Standard Large

Box 2 sits on a pallet inside the TRUPACT-III and the pallet slides out. The SLB2 is placed on a Facility Pallet for movement to the underground.

- **Drum Age Criteria (DAC)**
Since a new container is being added to the Permit, it is necessary to identify appropriate DAC values for the Standard Large Box 2. The Permittees have determined these DAC values for the Standard Large Box 2 and are proposing to put them into the Permit.
- **Waste Emplacement**
The Standard Large Box 2 will be emplaced in the same manner as other TRU mixed waste containers. The SLB2 does not use slipsheets as described for smaller containers. Instead, the SLB2 is handled in the underground using a standard fork lift.

Comments

Comments for the record must be sent to Mr. Steve Zappe, New Mexico Environment Department, 2905 Rodeo Park Drive, Building 1, Santa Fe, NM 87505. They also may be e-mailed: steve.zappe@state.nm.us or faxed to 505-476-6060. Only written comments will be accepted and must be received no later than 5 p.m. (MDT) on March 17, 2011. A copy of the permit modification may be viewed or copied at the NMED offices of Mr. Zappe. To be placed on the WIPP mailing list, contact Mr. Zappe at the address above

For more Information

For more information about transuranic waste shipments and procedures, call the WIPP Information Center at 1-800-336-WIPP (9477). This permit modification request is available for review in the Information Repository located on the WIPP home page at www.wipp.energy.gov. Comments to the Permittees regarding this permit modification may be sent to Mr. Bobby St. John, Washington TRU Solutions LLC, P.O. Box 2078, Carlsbad, NM 88221.

Attachment 2

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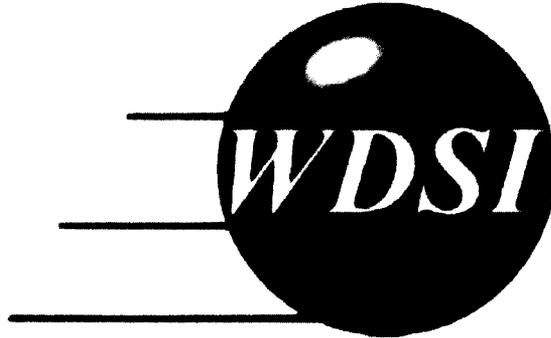
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7A Sunday
January 16, 2011
Current-Argus

NATION & WORLD



Western Data Services, Inc.
MAIL COMMUNICATIONS PROCESSING CENTER

3010 National Parks Highway Carlsbad, NM 88220 * Phone (575) 234-2927 * Fax (575) 234-9637
*Toll Free 1-877-690-2308*Email: directmail@wdsi.net * Website <http://www.wdsi.com>

Completion Report

COMPANY: WIPP
ATTN: Bobby St. John
DATE: 1/25/11
JOB NAME: Permit Modification
MAILING DATE: 1/14/11
OF PIECES MAILED: 200

Please sign and fax back to (575) 234-9637.

Signature: Bobby St. John Date: 1/25/11

Thank you and we look forward to working with you in the future.