Mr. Steve Zappe, Project Leader (WIPP)
Hazardous Waste Permits Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 E. Rodeo Park Drive, Bldg. 1
Santa Fe, NM 87502-6303

Subject: Notification of a Class 1 Permit Modification to the Hazardous Waste Facility Permit for Changing the Corporate Name of the Co-permittee, Permit Number: NM4890139088-TSDF

Dear Mr. Zappe:

The purpose of this letter is to submit this notification of a Class 1 modification to the Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Number NM4890139088-TSDF. The proposed changes do not compromise worker safety, human health, or the environment. The purpose of this modification is to change the corporate name of the co-permittee from Westinghouse TRU Solutions LLC to Washington TRU Solutions LLC.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure 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 and imprisonment for knowing violations.

If you have any questions regarding this submittal, please contact Mr. Jody Plum at (505) 234-7462.

Sincerely,

Dr. Inés R. Triay, CBFO Manager
U.S. Department of Energy

J.L. Lee, General Manager
Westinghouse TRU Solutions LLC

Enclosure
Mr. Steve Zappe

cc: w/enclosure
   C. Walker, Techlaw

cc: w/o enclosure
   J. Bearzi, NMED
   J. Kieling, NMED

December 27, 2002
Class 1 Permit Modification Notification

Name Change

Waste Isolation Pilot Plant
Carlsbad, New Mexico

WIPP HWFP #NM4890139088-TSDF

December 9, 2002
Transmittal Letter
Mr. Steve Zappe, Project Leader (WIPP)  
Hazardous Waste Permits Program  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 E. Rodeo Park Drive, Bldg. 1  
Santa Fe, NM 87502-6303

Subject: Notification of a Class 1 Permit Modification to the Hazardous Waste Facility  
Permit for Changing the Corporate Name of the Co-permittee, Permit Number:  
NM4890139088-TSDF

Dear Mr. Zappe:

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Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Number NM4890139088-  
TSDF. The proposed changes do not compromise worker safety, human health, or the  
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co-permittee from Westinghouse TRU Solutions LLC to Washington TRU Solutions LLC.

I certify under penalty of law that this document and all attachments were prepared  
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Sincerely,

Dr. Inés R. Triay, CBFO Manager  
U.S. Department of Energy

J.L. Lee, General Manager  
Westinghouse TRU Solutions LLC

Enclosure
# Table of Contents

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Acronyms and Abbreviations

CBFO  Carlsbad Field Office  
CFR   Code of Federal Regulations  
DOE   Department of Energy  
ECP   Engineering Change Proposal  
EOC   Emergency Operations Center  
ES&H  Environment, Safety, and Health  
FSM   Facility Shift Manager  
HWA   Hazardous Waste Act  
HWDU  Hazardous Waste Disposal Units  
HWFP  Hazardous Waste Facility Permit  
MOC   Management and Operating Contractor  
NMAC  New Mexico Administrative Code  
NMED  New Mexico Environment Department  
PMN   Permit Modification Notification  
RCRA  Resource Conservation and Recovery Act  
TRU   Transuranic  
TSDF  Treatment, Storage and Disposal Facility  
WIPP  Waste Isolation Pilot Plant  
WTS   Washington TRU Solutions LLC
Overview of the Permit Modification Notification

This document contains one Class 1 Permit Modification Notification (PMN) to the Hazardous Waste Facility Permit (HWFP) at the Waste Isolation Pilot Plant (WIPP), Permit Number NM4890139088-TSDF hereinafter referred to as the WIPP HWFP.

This PMN is being submitted by the U.S. Department of Energy (DOE), Carlsbad Field Office (CBFO) and Washington TRU Solutions LLC (WTS), collectively referred to as the Permittees, in accordance with the WIPP HWFP, Condition I.B.1 (20.4.1.900 New Mexico Administrative Code (NMAC) incorporating 40 Code of Federal Regulations (CFR) §270.42(a)). The PMN in this document is necessary to inform the New Mexico Environment Department (NMED) of a company name change of one of the Permittees. This change does not reduce the ability of the Permittees to provide continued protection to human health and the environment.

The requested modification to the WIPP HWFP and related supporting documents are provided in this PMN. The proposed modification to the text of the WIPP HWFP has been identified using a double underline and revision bar in the right hand margin for added information, and a strikeout font for deleted information. All direct quotations are indicated by italicized text.
Attachment A

Description of the Class 1 Permit Modification Notification
### Table 1. Class 1 Hazardous Waste Facility Permit Modification Notification

<table>
<thead>
<tr>
<th>No.</th>
<th>Affected Permit Section</th>
<th>Item</th>
<th>Category</th>
<th>Attachment A Page #</th>
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<tr>
<td>1</td>
<td>a. Module I</td>
<td>Name Change for Management and Operating Contractor from Westinghouse TRU Solutions LLC to Washington TRU Solutions LLC.</td>
<td>A.1</td>
<td>A-3</td>
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<tr>
<td></td>
<td>b. Attach A</td>
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<td>c. Attach F</td>
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<td>d. Attach H</td>
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<td>e. Attach H2</td>
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<tr>
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<td>f. Attach I1</td>
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<td>g. Attach I1G</td>
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<td></td>
<td>h. Attach L</td>
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<tr>
<td></td>
<td>i. Attach N</td>
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</tr>
<tr>
<td></td>
<td>j. Attach O</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Item 1**

**Description:**
Revise the HWFP to change Westinghouse TRU Solutions LLC to Washington TRU Solutions LLC in Module 1 and subsequently change references to Westinghouse TRU Solutions LLC to Washington TRU Solutions LLC throughout the HWFP.

**Basis:**
The change is administrative and informational in nature and is therefore a Class 1 notification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42, Appendix I, A.1). The recent name change for the MOC to Washington TRU Solutions LLC has prompted this modification.

**Discussion:**
On January 1, 2003, Westinghouse TRU Solutions LLC changed its name to Washington TRU Solutions LLC to more adequately reflect the corporate structure of the MOC.

**Revised Permit Text:**

a. 1. Module I, Section I.A. **EFFECT OF PERMIT**

The Secretary of the New Mexico Environment Department (Secretary) issues this Permit to the United States Department of Energy (DOE), the owner and co-operator of the Waste Isolation Pilot Plant (WIPP) (EPA I.D. Number NM4890139088), and Westinghouse Washington TRU Solutions LLC, Management and Operating Contractor (MOC), the co-operator of WIPP. This Permit authorizes DOE and MOC (the Permittees) to manage, store, and dispose contact-handled transuranic (TRU) mixed waste at WIPP, and establishes the general and specific standards for these activities, pursuant to the New Mexico Hazardous Waste Act (HWA), NMSA 1978, §§74-4-1 et. seq. (Repl. Pamp. 1993) and the New Mexico Hazardous Waste Regulations, 20.4.1.100 NMAC et. seq.

a.2. Module I, Section I.D.3. **Permittees**

"Permittees" means the United States Department of Energy (DOE), an agency of the Federal government, and the owner and co-operator of the WIPP facility; and Westinghouse Washington TRU Solutions LLC, Management and Operating Contractor (MOC), the co-operator of the WIPP facility.
b.1. Attachment A, Section A-1

NAME OF FACILITY: Waste Isolation Pilot Plant

OWNER and CO-OPERATOR: U.S. Department of Energy
P.O. Box 3090
Carlsbad, NM 88221

CO-OPERATOR: Westinghouse TRU Solutions
Washington LLC
P.O. Box 2078
Carlsbad, NM 88221

RESPONSIBLE OFFICIALS: Inés Triay, Manager
DOE/Carlsbad Field Office
John Lee, General Manager
Westinghouse TRU Solutions
Washington LLC

FACILITY MAILING ADDRESS: U.S. Department of Energy
P.O. Box 3090
Carlsbad, NM 88221

FACILITY LOCATION: 30 miles east of Carlsbad on the Jal
Highway, in Eddy County.

TELEPHONE NUMBER: 505/234-7300

U.S. EPA I.D. NUMBER: NM4890139088

GEOGRAPHIC LOCATION: 32° 22’ 30” N
103° 47’ 30” W

DATE OPERATIONS BEGAN: November 26, 1999

c.1. Attachment F, Introduction

The WIPP facility is owned and co-operated by the Department of Energy (DOE) and co-operated by its designated Management and Operating Contractor (MOC) (Permit Condition I.D.3) which is currently Westinghouse TRU Solutions LLC.
d.1. Attachment H, Introduction

The training requirements apply to all appropriate employees of the U.S. Department of Energy (DOE); the Management and Operating Contractor (MOC), Westinghouse TRU Solutions LLC; the Scientific Advisor, Sandia National Laboratories; and contractors who regularly work at the facility that may come in contact with and/or manage hazardous waste. The WIPP Project training program is comprehensive and applies to all areas of personnel performance and development. This chapter describes the introductory and continuing training provided to personnel at the WIPP facility, with emphasis on those facility personnel and their supervisors whose jobs are such that their actions or failure to act could result in a spill or release, or the immediate threat of a spill or release of hazardous waste. These personnel are directly involved with hazardous waste management at the WIPP facility. Their training allows them to operate the facility safely and in compliance with hazardous waste regulations.

e.1 Attachment H2

**COURSE:** GET-19X/GET-20X - General Employee Training

**DURATION:** ~16 Hours

**PREREQUISITES:** None

**SCOPE:**

**TYPE:** Classroom

**OBJECTIVES:** Upon completion of this course, the student will be able to perform their job in a safe manner and will have an overview of the site organization and description.

Mastery of the terminal objectives will be demonstrated by scoring 80 percent or higher on the course examination.

**REFRESHER:** GET-19XA/GET-20XA annually

**COURSE DESCRIPTION** (by module)
8. Work Policies and Procedures

a. DOE Orders and Westinghouse TRU Solutions MOC Procedures

= 1 hour

b. Teamwork

c. Conduct of Operations Policy
  1. Elements of Conduct of Ops

d. Quality Assurance Program

e. Responsibility for following procedures

f. Resuming work after stoppage

g. Stopping work for unsafe acts

h. Purpose and uses of "Hold Tag"

i. Quality records and requirements

j. Correcting errors on QA Records

k. Configuration Management and affected departments

e.2. Attachment H2

COURSE: SAF-630/631 - Respiratory Protection

DURATION: ~8 hours

PREREQUISITES: Medical physical

TYPE: Classroom and Practical

SCOPE: This program contains the requirements of respiratory protection as outlined in 29 CFR 1910.134, 10 CFR 20, ANSI, Z88.2-1980 and applicable WIPP procedures.

OBJECTIVE: Upon completion of this course the trainee will demonstrate a knowledge of the WIPP respiratory protection program; respiratory health hazards; and types of respiratory protection devices, their proper use and limitations.

Mastery of the terminal objective will be demonstrated by scoring 80% or higher on a closed book lesson examination.
COURSE DESCRIPTION (by lesson)

1. Introduction
   =2 hours
A. Basic Requirements
   a. Regulations
   b. DOE Orders
   c. Industry Standards
   d. Westinghouse TRU Solutions
   e. WIPP Procedures
      1. Physical exam
      2. Pulmonary test
      3. Training
      4. Fit Testing
      5. Identification of potential respirator activities

f.1. Attachment I1, List of Abbreviations/Acronyms

   ACI American Concrete Institute
   AISC American Institute for Steel Construction
   *CFR Code of Federal Regulations
   cm centimeter
   °C degrees celsius
   °F degrees Fahrenheit
   DOE U.S. Department of Energy
   DRZ disturbed rock zone
   EEP Excavation Effects Program
   ESC expansive salt-saturated concrete
   FLAC Fast Lagrangian Analysis of Continua
   ft foot (feet)
   GPR ground-penetrating radar
   Kips 1,000 pounds
   m meter(s)
   MB 139 Marker Bed 139
   MOC Management and Operating Contractor (Permit Condition I.D.3)
   MPa megapascal(s)
   MSHA Mine Safety and Health Administration
   NMAC New Mexico Administrative Code
   NMED New Mexico Environment Department
   NaCl sodium chloride
   NMVP no-migration variance petition
psi  pound(s) per square inch
RCRA  Resource Conservation and Recovery Act
SMC  Salado Mass Concrete
TRU  transuranic
VOC  volatile organic compound(s)
Westinghouse  Westinghouse TRU Solutions LLC
WIPP  Waste Isolation Pilot Plant

f.2. Attachment I1, Executive Summary Section

Scope. Under contract to Westinghouse TRU Solutions LLC (the Management and Operating Contractor (Westinghouse-MOC)), IT Corporation has prepared a detailed design of a panel-closure system for the Waste Isolation Pilot Plant (WIPP). Preparation of this detailed design of an operational-phase closure system is required to support a Resource Conservation and Recovery Act (RCRA) Part B permit application. This report describes the detailed design for a panel-closure system specific to the WIPP site. The recommended panel-closure system will adequately isolate the waste-emplacement panels for at least 35 years.

g.1. Attachment I1G, Section 01010 - Summary of Work

Part 1 - General

Abbreviations/Acronyms
ACI  American Concrete Institute
AISC  American Institute for Steel Construction
ANSI  American National Standards Institute
ASTM  American Society for Testing and Materials
AWS  American Welding Society
CFR  Code of Federal Regulations
DOE  U.S. Department of Energy
DRZ  Disturbed rock zone
EPA  U.S. Environmental Protection Agency
MB 139  Marker Bed 139
MSHA  U.S. Mine Safety and Health Administration
NMAC  New Mexico Administrative Code
NMED  New Mexico Environment Department
MOC  Management and Operating Contractor (Permit Condition I.D.3)-Westinghouse TRU Solutions, LLC
RCRA  Resource Conservation and Recovery Act
SMC  Salado Mass Concrete
USACE  U.S. Army Corps of Engineers
Westinghouse  Westinghouse TRU Solutions LLC
WID  Waste Isolation Division
WIPP Waste Isolation Pilot Plant

g.2. Attachment I1G, **Section 01090 - Reference Standards**

**Part 1 - General**

Section 1.3 **Schedule of References**

<table>
<thead>
<tr>
<th>WINMOC</th>
<th>Westinghouse Washington TRU Solutions LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Carlsbad, New Mexico 88221</td>
</tr>
</tbody>
</table>

h. 1. Attachment L, Figure L-17a

Revised Figure L-17a is included in Attachment B. Figure was revised to remove the name and address of the MOC and replace it with a reference to enter the current name and address of the MOC.

h. 2. Attachment L, Figure L-17b

Revised Figure L-17b is included in Attachment B. Figure was revised to remove the name and address of the MOC and replace it with a reference to enter the current name and address of the MOC.

i.1. Attachment N, **Acronyms and Abbreviations** Section

- **BFB** 4-Bromofluorobenzene
- **BS/BSD** blank spike/blank spike duplicate
- **CH** Contact-handled
- **CLP** Contract Laboratory Program
- **COC** concentration of concern
- **CRQL** contract-required quantitation limit
- **DOE** U.S. Department of Energy
- **EPA** U.S. Environmental Protection Agency
- **ft** feet
- **FTIR** Fourier transform infrared spectrometry
- **g/mol** grams per mole
- **GC/MS** gas chromatography/mass spectrometry
- **HWDU** Hazardous Waste Disposal Unit
- **LCS** laboratory control sample
- **m** meter
- **MDL** method detection limit
- **MOC** Management and Operating Contractor *(Permit Condition I.D.3)*
  | Westinghouse TRU Solutions LLC |
- **MRL** method reporting limit
- **NIST** National Institute of Standards and Testing
i.2. Attachment N, Figure N-3

Revised Figure N-3 is included in Attachment B. Figure was revised to remove the name and address of the MOC and replace it with a reference to enter the current name and address of the MOC.

j.1. Attachment O, Part A Application

A revised Part A Application is included in Attachment B
Attachment L, Figure L-17a

Example Chain-of-Custody Form
Chain of Custody Record

(MOC Name and Address)

C of C Control No. ________________________

RFA Control No. ________________________

SAMPLING PROGRAM _____________________ LAB DESTINATION ________________________

SAMPLE TEAM MEMBERS ___________________ CARRIER/WAYBILL NO. _____________________

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Sample Location and Description</th>
<th>Date and Time Collected</th>
<th>Sample Type</th>
<th>Container Type</th>
<th>Condition on Receipt (Name and Date)</th>
<th>Disposal Record No.</th>
</tr>
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Special Instructions

Possible Sample Hazards:

Signatures: (Name, Company, Date and Time):

1. Relinquished By: ________________________  3. Relinquished By: ________________________
   Received By: ________________________
   Received By: ________________________

2. Relinquished By: ________________________  4. Relinquished By: ________________________
   Received By: ________________________
   Received By: ________________________

WHITE - Original to accompany samples  YELLOW - Field Copy  PINK - OTHER
Attachment L, Figure L-17b

Example Request for Analysis Form
REQUEST FOR ANALYSIS

{MOC Name and Address}

R/A Control ________________________________
C/C Control No. __________________________
Date Sample Shipped ______________________
Lab Destination __________________________
Laboratory Contact ________________________
Send Lab Report To _________________________

VOC Monitoring Program____________________

Date Report Required ______________________
Project Contact __________________________
Project Contact Phone No. __________________

Purchase Order No. ________________________

<table>
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<th>Serial No.</th>
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<th>C-of-C No.</th>
<th>Sample Type</th>
<th>Sample Pressure</th>
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<th>Contract-Specific Testing</th>
<th>Special Instructions</th>
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</table>

TURNAROUND TIME REQUIRED: (Rush must be approved by appropriate Manager) NORMAL _____ RUSH ____ (Subject to rush surcharge)
POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or contain high levels of hazardous substances.)
NONHAZARD _____ FLAMMABLE _____ SKIN IRRITANT _____ HIGHLY TOXIC _____ BIOLOGICAL _____ OTHER

SAMPLE DISPOSAL (Please indicate disposition of sample following analysis.) RETURN TO CLIENT_____ DISPOSAL BY LAB_____ (Please Specify)

FOR LAB USE ONLY
RECEIVED BY _____________________________ DATE/TIME __________________________


Attachment N, Figure N-3

Example Request for Analysis Form
REQUEST FOR ANALYSIS

(MOC Name and Address)

R/A Control
C/C Control No.
Date Sample Shipped
Lab Destination
Laboratory Contact
Send Lab Report To

VOC Monitoring Program

Date Report Required
Project Contact
Project Contact Phone No.

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Sample No.</th>
<th>C-of-C No.</th>
<th>Sample Type</th>
<th>Sample Pressure</th>
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</tbody>
</table>

TURNAROUND TIME REQUIRED: (Rush must be approved by appropriate Manager) NORMAL _____ RUSH _____ (Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or contain high levels of hazardous substances.)
NONHAZARD _____ FLAMMABLE _____ SKIN IRRITANT _____ HIGHLY TOXIC _____ BIOLOGICAL _____ OTHER

SAMPLE DISPOSAL (Please indicate disposition of sample following analysis.) RETURN TO CLIENT _____ DISPOSAL BY LAB _____ (Please Specify)

FOR LAB USE ONLY
RECEIVED BY ___________________________ DATE/TIME ________________________
Attachment O, Figure O-Part A
**Hazardous Waste Permit Application**

**Part A**

(Read the Instructions before starting)

<table>
<thead>
<tr>
<th>I. Facility’s EPA ID Number (Mark ‘X’ in the appropriate box)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. First Part A Submission [ ] X. Revised Part A Submission (Amendment # 1234)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>C. Facility’s EPA ID Number</th>
<th>D. Secondary ID Number (If applicable)</th>
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<tbody>
<tr>
<td>NM489 01 390 88</td>
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<table>
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<tr>
<th>II. Name of Facility</th>
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<tbody>
<tr>
<td>WASTE ISOLATION PILOT PLANT</td>
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</table>

<table>
<thead>
<tr>
<th>III. Facility Location (Physical address not P.O. Box or Route Number)</th>
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<tbody>
<tr>
<td>A. Street</td>
</tr>
<tr>
<td>30 MILES EAST OF CARLSBAD ON JAL HIGHWAY</td>
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</table>

<table>
<thead>
<tr>
<th>B. Street (Continued)</th>
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</thead>
<tbody>
<tr>
<td>JAL HIGHWAY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City or Town</th>
<th>State</th>
<th>Zip Code</th>
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<tbody>
<tr>
<td>CARLSBAD</td>
<td>NM</td>
<td>88221</td>
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<table>
<thead>
<tr>
<th>County Code (If known)</th>
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<tbody>
<tr>
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<td>EDDY</td>
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<table>
<thead>
<tr>
<th>IV. Facility Mailing Address</th>
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<td>Street or P.O. Box</td>
</tr>
<tr>
<td>PO BOX 3090</td>
</tr>
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<table>
<thead>
<tr>
<th>City or Town</th>
<th>State</th>
<th>Zip Code</th>
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<tbody>
<tr>
<td>CARLSBAD</td>
<td>NM</td>
<td>88221</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>V. Facility Contact (Person to be contacted regarding waste activities at facility)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name (Last)</td>
</tr>
<tr>
<td>TRIAY</td>
</tr>
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<table>
<thead>
<tr>
<th>Job Title</th>
<th>Phone Number (Area Code and Number)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MANAGER</td>
<td>505-234-7300</td>
</tr>
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</table>

<table>
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<tr>
<th>VI. Facility Contact Address (See instructions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Contact Address Location Masking Other</td>
</tr>
<tr>
<td>PO BOX 3090</td>
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<tr>
<th>B. Street or P.O. Box</th>
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<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>05</td>
<td>18</td>
<td>1981</td>
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</table>

EPA Form 9740-21 (Rev. 10/92)
RCRA PART A APPLICATION CERTIFICATION

The U.S. Department of Energy (DOE), through its Carlsbad Field Office, has signed as "owner and operator," and Westinghouse Washington TRU Solutions LLC, the Management and Operating Contractor (MOC), has signed this application for the permitted facility as "co-operator."

The DOE has determined that dual signatures best reflect the actual apportionment of Resource Conservation and Recovery Act (RCRA) responsibilities as follows:

The DOE’s RCRA responsibilities are for policy, programmatic directives, funding and scheduling decisions, Waste Isolation Pilot Plant (WIPP) requirements of DOE generator sites, auditing, and oversight of all other parties engaged in work at the WIPP, as well as general oversight.

The MOC’s RCRA responsibilities are for certain day-to-day operations (in accordance with general directions given by the DOE and in the Management and Operating Contract as part of its general oversight responsibility), including, but not limited to, the following: certain waste handling, monitoring, record keeping, certain data collection, reporting, technical advice, and contingency planning.

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 DOE’s and the MOC’s representatives certify, under penalty of law that this document and all attachments 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.

Owner and Operator Signature: Original signed by Inés Triay
Title: Manager, Carlsbad Field Office
for: U.S. Department of Energy
Date: __________

Co-Operator Signature: Original signed by John L. Lee
Title: General Manager
for: Westinghouse Washington TRU Solutions LLC
Date: __________
**XV. Map**

Attach to this application a topographic map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and any well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

**XVI. Facility Drawing**

All existing facilities must include a scale drawing of the facility (See instructions for more detail).

**XVII. Photographs**

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures, existing storage, treatment and disposal areas, and sites of future storage, treatment or disposal areas (see instructions for more detail).

**XVIII. Certification(s)**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure 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 and imprisonment for knowing violations.

<table>
<thead>
<tr>
<th>Owner Signature</th>
<th>Date Signed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inès R. Triay, Manager, DOE/Carlsbad Field Office</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operator Signature</th>
<th>Date Signed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inès R. Triay, Manager, DOE/Carlsbad Field Office</td>
<td></td>
</tr>
</tbody>
</table>

**XIX. Comments**

Section XVIII Operator Signature - "See attached ‘RCRA Part A Application Certification’"

- Date of submittal of clarifying information as requested by NMED, May 28, 1996
- Additional data were submitted on July 9, 1991; November 12, 1992; January 29, 1993; March 2, 1995; May 26, 1995; April 12, 1996; May 29, 1996; April 21, 1999; May 10, 1999; and February 2, 2001

**Note:** Mail completed form to the appropriate EPA Regional or State Office. (Refer to instructions for more information)