

AGENDA



6th WIPP QUARTERLY REVIEW MEETING
May 19, 1999

Department of Energy
Skeen-Whitlock Building
4021 National Parks Highway
Carlsbad, NM 88220
505-234-7303

9:30 a.m.	Welcome and Opening Remarks	10 min.	Inés Triay, Manager, CAO
9:40 a.m.	Environmental Evaluation Group Status/Activity Report	30 min.	Robert Neill, Director, EEG
10:10 a.m.	NMED DOE Oversight Status/Activity Report	15 min.	Steve Zappe, NMED
10:25 a.m.	NMED Haz/Rad Materials Status/Activity Report	15 min.	Steve Zappe, NMED
10:40 a.m.	N.M. Radioactive Waste Task Force Status/Activity Report & WIPP Shipping Campaign: Review/Assessment to Date	20 min.	Chris Wentz, NMEMNRD
11:00 a.m.	U.S. Department of Energy Status/Activity Report & PA Activities	30 min.	Mike McFadden, CAO
11:30 a.m.	LUNCH	90 min.	
1:00 p.m.	Summary of SARF Update; Status of Transportation Corridors; WIPP Y2K Update	40 min.	Mike Brown, CAO
1:40 p.m.	Waste Characterization Activities at DOE Sites; Panel 1, Rooms 1-7: Projected Fill Rate	30 min.	Keni Hunter, CAO
2:10 p.m.	Open Discussion	40 min.	All
2:50 p.m.	Action Item Commitments/Closeouts	15 min.	Pat Kilgore, CAO
3:05 p.m.	Adjourn		

5/11/99

990512.5



66th WIPP Quarterly

Joes Triay

WIPP is open

Management philosophy

Safety - very important now that receiving waste

Open Lines of Communication - staff and oversite (internal)

Fairness

Priorities -

① Establish CFAO as the interface to NMED, implementing policy from Headquarters - openness & fairness.

② Fill pipeline to WIPP - need ideas & suggestions. DOE chosen not to invoke interim status, fill w/ non mixed waste. Don't want start-stop-start

③ Expand mission of CFAO - become intl center of excellence

④ Strive for efficiencies - waste char, certification, transportation.

Bob Neill

Handout.

- Currently \$5,000/drum for RCRA waste determinations

+ \$15-19,000/drum total cost to dispose (avg)

Question about requesting occupational radiation exposure data related to waste characterization

Filters @ Station A shielded probe

Steve Zipp - Handout

Mike McEldon -

PA - focused on Recertification, using feasibility studies looking to reduce cost, move CCDF curve to left, increase realism, confidence in technical basis

Attempt to run PA on desktop (if comparable)

Sensitivity studies - next year

Upgrading models

Question concerning update of BIR - will this be part of Central Internet Database

Mike Brown

Transportation route status

LANL, RFETS, INEEL consider spend down 98

SRS - Sept 99

Hanford - limited shipments Oct 99, open Jan '00

Others dependent upon RCRA permits, # of TRUPACTS to be got (13 TRUPACTS available today, 2 others out of spec)

Ultimate fleet 66 (215 will be HALFPACKS)

Will hear from NRC mid June on RH-72B, Halfpack, Amendment

CA privatization for transportation - procurement cancelled, new one will go out

Revision 17 to TRUPACT-II SARP

Y2K compliance

Requirements - DOE-HQ chief Info officer

Independent validation - WID is responsible for WID + CAO documentation

Zero day - Dec 31 - no shipments enroute, no casks will contain waste, no waste handling, underground ventilation in filtration mode, water & fuel tanks topped off

CTAC will be Y2K compliant

WIPP Quarterly Review

May 19, 1999

Activities Update for NMED's RCRA Permits Program

1. Public Hearing on Revised Draft Permit
 - February 22 - March 26, 1999
 - Primarily in Santa Fe, with a non-technical session in Carlsbad
 - Transcripts
 - Technical Testimony (19 volumes, ~3600 pages)
 - Non-Technical Testimony (4 volumes, ~630 pages)
 - A good time was had by all

2. Permitting Process Today
 - Preparing Findings of Fact and Conclusions of Law (**FOF/COL**) for hearing officer
 - June 11, 1999 deadline
 - Also preparing response to comments and proposed final permit
 - Will provide NMED direct testimony, FOF/COL, response to comments, and proposed final permit on NMED WIPP web page on June 11, 1999
 - Anticipate hearing officer will take one to two months to complete his report and submit recommendations to the NMED Secretary

3. Pre-permit waste shipments to WIPP
 - Seven shipments from LANL (WSPF # LA-TA-55-43.01)
 - One shipment from INEEL (WSPF # INW276.001)
 - Waste characterization data reviewed by NMED, concur with determination that these particular wastes are non-hazardous
 - DOE should anticipate providing all data used in waste determinations to NMED prior to shipping any other waste streams to WIPP
 - NMED attendance at recent RFETS and INEEL audits does not substitute for providing waste determination data

4. Miscellaneous

- New HRMB Chief - James P. Bearzi
 - Minor bureau restructuring before, anticipate additional restructuring following appointment of new bureau chief (no impact on WIPP activities)
- NMED developing policies concerning environmental self-audits, Y2K enforcement
 - Generally track EPA policies
 - Contact Richard Mertz, NMED General Counsel, for further information
- Received Revisions 8 and 9 of WIPP RCRA Part A Permit Application
 - Reflect changes in DOE/CAO management, new ownership of Westinghouse Waste Isolation Division
- Existing NMED WIPP technical support contract with TechLaw, Inc. will expire June 30, 1999
 - Issued RFP for Permit Issuance and Post-permit Issuance Technical and Regulatory Support on April 21, 1999
 - Deadline for submission of proposal on June 10, 1999
 - Expect to establish contract by July 22, 1999
- NMED to attend DOE Central Internet Database National Stakeholder Forum in Columbia, MD June 3 and 4, 1999
- Star Wars Episode 1: *The Phantom Menace* opens today at a theater near you



ENVIRONMENTAL EVALUATION GROUP

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

7007 WYOMING BOULEVARD, N.E.
SUITE F-2
ALBUQUERQUE, NEW MEXICO 87109
(505) 828-1003
FAX (505) 828-1062

LXVI QUARTERLY MEETING

**U.S. Department of Energy
N.M. Energy Minerals and Natural Resources Dept.
N.M. Environmental Evaluation Group
N.M. Environment Department
N.M. Attorney General**

Robert H. Neill

**May 19, 1999
Carlsbad**

- **Welcome to Dr. Inès Triay, first scientist as WIPP manager**
- **Announce cooperative effort with WID to provide space in EEG lab for Mansour Akbarzadeh and staff to analyze bioassay samples for next two weeks**
- **Now receiving data on last 6 of 8 shipments of CH waste. Look forward to obtaining WWIS timely access**

OUTSTANDING ISSUES REQUIRING RESOLUTION

Transportation

- **H₂ gas generation limits quantities of Pu-238 heat source waste in shipments (ex. 2 drums/shipment, rather than 42)**
- **Problem and solutions published by EEG in 1983 and 1986**
- **Potential solutions**
- **RH cask certification**
- **HALFPACK container certification**

- Quantity of waste requiring disposal uncertain, but may be more than WIPP disposal capacity

		Disposal Needs (m ³)	
		WIPP Authorized	Requiring Disposal
CH	168,500	120,000	168,500 138,000 Buried ? D&D
RH	7,080	4,000 — 50,000	

UPDATING POTENTIAL SOLUTIONS TO H₂ GAS PROBLEM

- 1. Process CH-TRU to eliminate organic material. INEEL Advanced Mixed Waste Treatment facility will treat 65,000 m³ waste and has potential for 120,000 m³ additional processing** *- output avail 2003 (may be optimistic)*
- 2. Research on getters in shipping containers**
- 3. Research on recombiners in shipping containers**
- 4. Determine if intermittent venting of TRUPACT would lower 5% H₂ concentrations in vented drums. Determine effect of purging with inert gas**

UPDATING POTENTIAL SOLUTIONS TO H₂ GAS PROBLEM (continued)

- 5. If vented intermittently, calculate and measure H₂ diffusion between drums, TRUPACT and outside air**
- 6. Measure G values (# molecules of various gases released per 100 ev of alpha energy absorbed) for additional credit**
- 7. Determine credit if H₂ measurements are used in lieu of thermal surrogate**

SUBSEQUENT DEVELOPMENTS BY DOE

- **Waste container longevity requirement of 20 yr was deleted (note that NRC requires 300 yr waste form or container for certain LLW)**
- **Respirability limit of 1% was deleted**
 - **Some RFP ashes may have 80% <10 μm**
 - **Pu 239 ALI for Inhalation is 500 Bq/year (0.22 μg)**
- **The allowable concentration of plutonium in shipments of waste has been increased to 10%**

OUTSTANDING ISSUES (continued)

Waste Characterization

- **Is cost justified? Estimated to be \$11.8 B of total WIPP cost of \$19 B**
\$15,000 - 19,000/drum *5,000/drum for RORAs waste detern*
- **Status of waste characterization task force report (not yet received for review)**
- **WAC update (not yet received for review). Possible cost saving areas include:**
 - Importance of insuring max of 1% free liquids (4 l container)
 - Paperwork requirements
- **Update inventory of existing waste**
 - Last data set 1995
 - Needed for P.A. recertification
 - Needed for planning

AGENDA ITEMS REQUESTED 4/16/99

- **SARP update**
- **Transportation and emplacement schedules**
- **Transportation corridors**
- **Update on RCRA Part B Permit schedule**
- **Roof maintenance plans in Panel 1 (Stan Patchet)**
- **Hydrology of supra-Rustler Formation in vicinity of WIPP shafts (Wayne Stensrud)**
- **Interpretation of psychometric data regarding source of water in exhaust shaft**
- **INEEL occupational radiation exposure data**

EEG ON-GOING ACTIVITIES

- **Report comparing RCRA limits with radioactive limits** *Jim Channell*
- **Review particle size studies of March 1998 (report received February 19, 1999)**
- **Comments on Journal of Risk Analysis on 1996 PA** *- Dale Rucker*
- **Site audits** *- Ben Walker*
- **Environmental surveillance** *- Jim Kenney*
- **Lab analyses** *- Don Gray*

**STATE OF NEW MEXICO'S
RADIOACTIVE WASTE TASK FORCE:**

UPDATE ON WIPP ACTIVITIES

Presented to

66th WIPP QUARTERLY REVIEW MEETING

between

**STATE OF NEW MEXICO
&
U.S. DEPARTMENT OF ENERGY**

**Carlsbad, NM
May 19, 1999**

By

**CHRIS J. WENTZ
COORDINATOR
N.M. RADIOACTIVE WASTE TASK FORCE**

TASK FORCE ACTIVITIES SINCE LAST MEETING

- CONTINUED MONTHLY MEETINGS OF THE TASK FORCE'S WIPP WORKING GROUP (February 9, March 5, April 6, May 11); TRANSPORTATION SAFETY AND EMERGENCY RESPONSE PREPAREDNESS REMAINS THE KEY FOCUS
- CONTINUED TO UPDATE NEW MEXICO'S WIPP TRANSPORT SAFETY PROGRAM WEB SITE (www.emnrd.state.nm.us/wipp). FOR THE QUARTER ENDING 3/31/99, SITE RECEIVED ALMOST 2,000 "HITS" FROM 100+ ENTITIES (MOST EVER)
- PROVIDED A "WIPP STATUS REPORT" AND OTHER MATERIALS TO THE WESTERN GOVERNORS' ASSOCIATION (WGA STAFF COUNCIL), GOVERNOR JOHNSON AND NM TASK FORCE CABINET SECRETARIES IN PREPARATION FOR THE 1ST WIPP SHIPMENT
- DELIVERED A PRESENTATION ON "STATE-FEDERAL RELATIONS CONCERNING OVER THE WIPP PROJECT" TO THE NATIONAL LOW-LEVEL WASTE FORUM IN SAN DIEGO (February 11)
- MONITORED PUBLIC HEARINGS ON THE REVISED DRAFT PERMIT FOR WIPP ISSUED UNDER THE NM HAZARDOUS WASTE ACT
- PARTICIPATED IN A ONE-HOUR INTERVIEW ON WIPP AT A LOCAL SANTA FE RADIO STATION (KSVE)

TASK FORCE ACTIVITIES SINCE LAST MEETING (continued)

- PREPARED AND SUBMITTED COMMENTS ON THE “WIPP BIENNIAL ENVIRONMENTAL COMPLIANCE REPORT,” DOE/WIPP 98-2171, OCTOBER 1998
- REPRESENTED THE TASK FORCE AT THE GRAND OPENING OF WIPP IN CARLSBAD (April 17)
- DELIVERED A PRESENTATION ON “THE STATUS OF WIPP AND ITS TRANSPORTATION OPERATIONS” TO DOE’S STATE AND TRIBAL WORKING GROUP IN RICHLAND, WA (April 27)
- UPDATED A PUBLIC INFORMATION DOCUMENT ENTITLED “CHRONOLOGY OF THE WIPP PROJECT”
- CONTINUED TO COMPILE, REVIEW AND ASSESS INFORMATION RELATING TO A PROPOSED URANIUM ENRICHMENT FACILITY IN SOUTHEASTERN NEW MEXICO

STATE OF NEW MEXICO'S WIPP TRANSPORTATION SAFETY PROGRAM

- UPDATED AND REVISED NEW MEXICO-SPECIFIC INFORMATION IN THE WGA/DOE *WIPP TRANSPORTATION SAFETY PROGRAM IMPLEMENTATION GUIDE* AND OTHER PROCEDURES DOCUMENTS

- TASK FORCE STAFF AND STATE POLICE DISPATCH CENTER PERSONNEL PARTICIPATED IN TRAINING ON THE TRANSCOM SYSTEM (March 8)

- CONTINUED TO SCHEDULE AND PARTICIPATE IN WIPP PUBLIC OUTREACH ACTIVITIES, INCLUDING PRESENTATIONS TO:
 - EDDY COUNTY COMMISSION/OFFICIALS (March 9)
 - DEXTER TOWN COUNCIL (April 13)
 - HAGERMAN TOWN COUNCIL (April 13)
 - CHAVEZ COUNTY COMMISSION (April 14)
 - ROSWELL CITY COUNCIL/OFFICIALS (April 14)
 - SANTA FE HIGH SCHOOL (April 22)

- CONVENED A FORUM ENTITLED “WIPP INFORMATION FOR TRIBAL OFFICIALS” AT THE PUEBLO OF POJOAQUE (March 23); APPROXIMATELY 15 REPRESENTATIVES OF INDIAN TRIBES/ PUEBLOS ALONG THE NM WIPP CORRIDOR PARTICIPATED

- UPDATED BOTH THE AWARENESS- AND OPERATIONS-LEVEL FIRST RESPONDERS COURSES

**STATE OF NEW MEXICO'S
WIPP TRANSPORTATION SAFETY PROGRAM
(continued)**

- PARTICIPATED IN A WIPP TRANSPORTATION SAFETY PROGRAM MEETING WITH DOE-CAO, LOS ALAMOS NATIONAL LABORATORY, CAST TRANSPORTATION, INC. AND WESTINGHOUSE-WID IN SANTA FE (May 11)
 - REVIEWED THE WIPP SHIPPING CAMPAIGN TO DATE
 - IDENTIFIED POSITIVE/NEGATIVE ASPECTS OF THE PROGRAM
 - DEVELOPED TENTATIVE SOLUTIONS FOR IDENTIFIED PROBLEM AREAS

- NEW MEXICO WIPP VEHICLE INSPECTION AND EMERGENCY RESPONSE TRAINING
 - ALL LEVELS OF TRAINING ARE CONTINUING
 - INTEGRAL COMPONENT OF EXERCISE PROGRAM
 - SITES: NM TRAINING ACADEMIES & COMMUNITY-BASED
 - WIPP MEDICAL PREPAREDNESS COURSE WAS PRESENTED TO EMT PERSONNEL FROM ROSWELL
 - RADIATION INSTRUMENTATION REFRESHER COURSE PRESENTED TO SANTA FE HAZMAT TEAM PERSONNEL

- TASK FORCE AGENCIES IMPLEMENTED WIPP TRANSPORT SAFETY PROCEDURES AND PROTOCOLS FOR ALL WIPP SHIPMENTS TO DATE

UPCOMING ACTIVITIES

- NEXT MEETING OF THE WESTERN GOVERNORS' ASSOCIATION (WGA) TECHNICAL ADVISORY GROUP ON WIPP TRANSPORT SCHEDULED FOR MAY 26-27 IN DENVER

- NEXT SEMI-ANNUAL MEETING OF THE DOE'S TRANSPORTATION EXTERNAL COORDINATION WORKING GROUP SCHEDULED FOR JULY 13-15 IN PHILADELPHIA
 - NEXT THREE DRAFT TRANSPORTATION PROTOCOLS (Planning; Advance Notification; Routing) TO BE AVAILABLE FOR REVIEW; INTENT IS TO "STANDARDIZE" PROCEDURES ACROSS DOE TRANSPORT PROGRAMS

 - AN "UMBRELLA" TRANSPORTATION GRANT BEING EXPLORED BY DOE AND ITS STAKEHOLDERS; INTENT IS TO CONSOLIDATE DOE FUNDING

- CY 1999 MEETINGS OF THE INTERIM RADIOACTIVE AND HAZARDOUS MATERIALS COMMITTEE OF THE NM STATE LEGISLATURE TO BE ANNOUNCED SOON

- NEXT MEETING OF THE NM RADIOACTIVE WASTE TASK FORCE TO COINCIDE WITH ISSUANCE OF WIPP RCRA PART B PERMIT



GARY E. JOHNSON
Governor
DARREN P. WHITE
Cabinet Secretary

State of New Mexico
DEPARTMENT OF PUBLIC SAFETY

P.O. Box 1628
4491 Cerrillos Road
Santa Fe, New Mexico 87504-1628

DIVISIONS

Administrative Services
(505) 827-9161
Special Investigations
Albuquerque * (505) 841-4660
State Police
(505) 827-9001
Technical & Emergency Support
(505) 827-3375
Training & Recruiting
(505) 827-9251

MEMORANDUM

DATE: May 11, 1999

FROM: John M. Shea, NMDPS WIPP Coordinator

THROUGH: Ernesto Rodriguez, Director of Emergency Management
Max D. Johnson, Chief, Technological Hazards Branch

TO: Chris ^{Wentz}Wentz, Coordinator, Governor's WIPP Task Force

SUBJECT: Review of Initial WIPP Shipments through May 5, 1999

To date, there have been seven (7) successful shipments to the WIPP site: six (6) from Los Alamos National Laboratory (LANL) beginning on March 26; and one (1) from the Idaho National Engineering and Environmental Laboratory (INEEL) on April 27-28. The following provides a review of these initial shipments.

1. Advance Notification.

- a. Conflicts between monthly schedule Westinghouse-WID (Jeff Winkel) distributes by e-mail and the TRANSCOM shipment schedule. Letters of notification from Keith Klein, Acting Manager of the U.S. Department of Energy-Carlsbad Area Office (DOE-CAO), state that TRANSCOM is the designated source for current shipment information within seven days of shipment. The TRANSCOM Operations Officer (Gene Carnes) and DOE/CAO Transportation and Emergency Response Manager contradict that position.
- b. There are frequent examples of incorrect and inconsistent times or other information posted for shipments. Often these are not resolved until the last minute before the shipment and then only at the insistence of the state.

Emergency Management
WIPP Safe Transportation Program
Phone: (505) 476-9628 *** FAX: (505) 476-9695
E-mail: jshea@dps.state.nm.us

- c. **Schedule Changes:** Currently, schedule changes are posted as they occur. Minor adjustments within a specified range (to be determined) can be tolerated. Major changes, such as a change of date at the last minute before the planned departure, are difficult to accommodate. We need to establish guidelines for changes to the schedule within the last 12 or 24 hours. In one case the monthly schedule indicated an April 8th departure; telephonic notification from Jeff Winkel indicated that the shipment would depart on April 9th. Subsequently the shipment was cancelled within hours of the presumed departure time with no notice through TRANSCOM or communication from CMR.
- d. An important aspect of advance notification to the jurisdictions is the anticipated scheduled stopping locations. These have been provided to New Mexico for the New Mexico routes. This information, combined with the vehicle position reports, allows local jurisdictions to respond to public inquiries when the vehicle is stopped.
- e. We need to agree on an allowable period of delay, after which we reschedule the shipment. Minute-to-minute delays that go on for hours create resource scheduling problems. We cannot continue to accommodate such indefinite delays.

2. Security.

- a. Intelligence (information on planned protests, acts of civil disobedience, sabotage) has been primarily a State Police responsibility for six of the seven shipments.
- b. The only significant incidents involving demonstrators occurred during the first shipment from LANL in the area of Lamy, NM. The NM State Police Response Teams capably handled them.
- c. Exchange of intelligence information among states needs to be more fully developed.

3. Inspections.

Currently, inspections are conducted at Los Alamos (TA-54) for LANL shipments, the New Mexico Raton Port of Entry for INEEL shipments, and at the WIPP facility upon arrival of all shipments. The Commercial Vehicle Safety Alliance's (CVSA) Enhanced North American Standard Inspection Procedures and Out-of-Service Criteria are applied.

- a. Adjustments have had to be made to the schedule of inspections at Los Alamos to accommodate driver rest.
- b. The two-hour notice was made to the Raton Port of Entry to alert inspectors of the arrival of the shipment from INEEL.
- c. The shipper and receiver need to accommodate the MTD Inspectors in transmitting the post-inspection result messages.

4. TRANSCOM Tracking.

- a. TRANSCOM continues to be a weakness in the process. The system lacks reliability, is difficult to login to and is unresponsive to the needs of the users.
- b. Alternate procedures are not working. Vehicle position reports are not being posted either directly from the vehicle or relayed from TCC or CMR.
- c. The vehicle is often 20 miles ahead of the depicted TRANSCOM position, rendering it almost useless to dispatch emergency response resources.

5. Protocols/Program Implementation Guide.

- a. After seven shipments through New Mexico, shipment protocols are still not being implemented by DOE/Westinghouse/CMR. The relationship between WIPP Central Monitoring Room and the New Mexico State Police District 1 (D-1) is not comfortable. CMR does not communicate voluntarily with D-1.
- b. CMR and the shipper do not conduct pre-shipment checks with D-1 to obtain weather, highway conditions and state concurrence/non-concurrence, unless the state initiates the process.
- c. The position reporting issue needs to be resolved. The DOE Transportation Manager contends that position reports are not necessary. NMDPS maintains that scheduled and unscheduled stops need to be reported. This may be accomplished by prepared messages on TRANSCOM or by cellular telephone.
- d. Does the shipper or CMR initiate the pre-shipment check for weather, highway and state concurrence? At the TRANSCOM steering committee meeting, the shipper was discussed as the responsible party.
- e. The sense of Emergency Management, State Police and Motor Transportation is that DOE/Westinghouse are not following the spirit and letter of all procedures and protocols established by WGA.

6. Post-Shipment Review.

- a. CMR is improving on providing the shipment arrival-at-WIPP message.
- b. It is recommended that a post-shipment conference call among the shipper, DOE-CAO/Westinghouse, state/tribal/local government representatives, and the carrier/drivers be conducted for the initial shipments along each new route for the purpose of improving shipping operations and enhancing coordination among all parties.

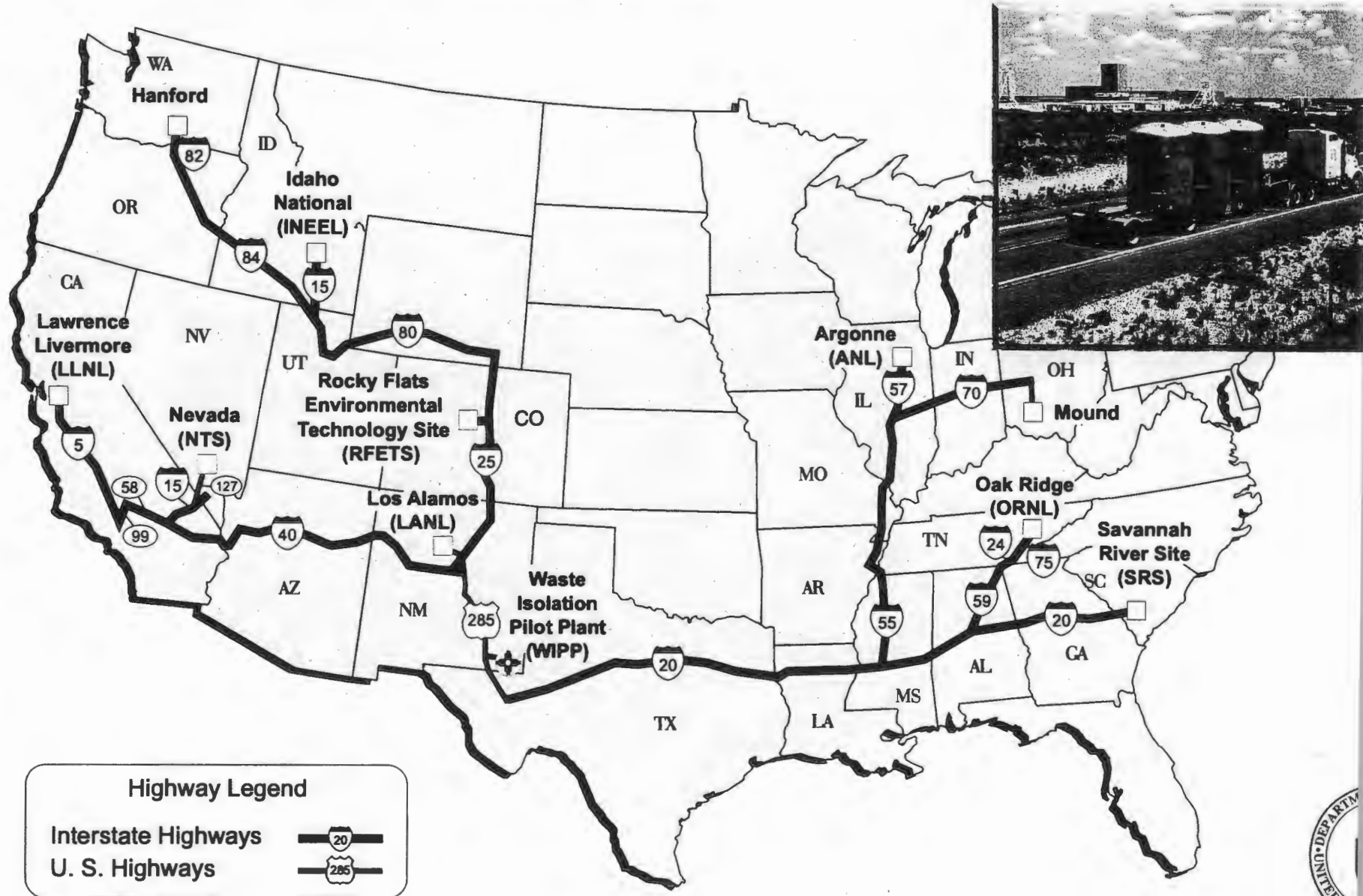
Application For TRUPACT-II SARP, Revision 17

- Compliance with latest NRC rules to include “-85 suffix”
- Revised transport index for criticality control of “0”
- 5-Year extension of certificate of compliance
- Simplified shipping category system
- Conservative mixing of shipping categories allowed
- Higher wattage limits based on resistance
 - Packaging configuration
 - Filter characteristics
 - New G-Values

Application For TRUPACT-II SARP, Revision 17 (continued)

- Additional TRUCON Codes, requested by the sites, are included
- TRUCON Codes and the Chemical List combined
- Wattage and Aspiration Tables moved from TRUCON to the TRAMPAC
- Multiple packaging configurations consolidated as a table in individual TRUCON Codes
- TRUCON includes both old and new shipping categories

DEFENSE TRANSURANIC WASTE GENERATING AND STORAGE SITES



SRS

Open September 1999

Hanford

**Limited shipments October 1999
Open January 2000**

Site

Route status

LANL

Opened June 1998

RFETS

Opened June 1998

INEEL

Opened June 1998

Route status

Site

Mound

ANL-E

NTS

LLNL

ORNL

Opening schedule dependent

RCRA Part B permit

TRUPACTS

Budget

WIPP/CAO Y2K Status

May 1999

Y2K Organization and Implementation

- Requirements and guidance organizations
 - DOE-HQ Chief Information Office
 - Primary driver for requirements and guidance
 - Includes guidance from OMB, DNFSB, and ES&H
 - Field Offices and CAO
 - Program oversight

Y2K Organization and Implementation

- Program implementation
 - WID
 - Responsible for Y2K program, testing, and documentation for WID and CAO
 - Other WIPP organizations (CTAC, SNL, etc.)
 - Responsible for Y2K program, testing, and documentation for own systems

DOE-HQ Requirements

- Chief Information Office visit
 - Scheduled 7/21-22
- Test/drill contingency plans
 - 8/31/99 through 12/31/99
- Participate in complex-wide Y2K rollover drill scheduled 9/09/99
 - WIPP will participate
 - No formal guidance received at this time

DOE-HQ Requirements

- Independent Validation of WWIS testing
 - To be completed by Grand Junction and DOE-AL personnel Scheduled 5/25
- End-to-end testing
 - For processes containing mission-critical systems (WWIS)
 - DOE requires testing be completed by 6/30
 - WWIS end-to-end testing being completed this week.

DOE-HQ Requirements

- Contingency and business continuity plans
 - Identify core business (mission) processes Complete
 - Draft contingency plan (CP) for mission-critical system Complete
 - Draft business continuity plan (BCP) Scheduled 5/26
 - Final CP & BCP Due to DOE by 8/30

Y2K Day Zero Plan

- Conditions at WIPP on December 31, 1999
 - Will minimize impact of Y2K-related failures
 - Plan will include conditions such as:
 - No waste shipments will be en route to WIPP
 - No TRUPACT II shipping casks on site will contain waste
 - No waste handling operations will be occurring
 - Underground ventilation will be shifted to HEPA filtration
 - Onsite water tanks and diesel fuel tanks will be “topped off”

CTAC Y2K Status

- All CTAC ADP is of a business nature
- No mission essential / mission critical systems are present
- Completed internal Y2K internal self-assessment
- Bound by contract to provide Y2K compliance on all systems
- Complete Y2K compliance to be achieved July 1999

SNL Y2K Status

- Performance Assessment Codes
 - 100% tested by Code Sponsors
- All Network Servers and Work Stations
 - Upgraded and 100% tested
 - Only one subsystem (TAPESYS) identified as non-compliant. Non-mission critical utilization (Test upgrade, replace, or retire)
- SNL Y2K Team testing infrastructure in Albuquerque
- Carlsbad Y2K Team testing infrastructure in Carlsbad
 - Voice Mail testing delayed by move to new building

DOE-HQ Requirements

- Mission-critical systems
 - One system identified (WWIS)
 - WWIS Testing & renovation completed
 - Transcom originally identified by WIPP as mission-critical now high priority
 - Being tested and tracked by National Transportation Program Albuquerque
 - Other important, but non mission-critical systems are also tested as appropriate.

WIPP Status

- Current Y2K Inventory tracks 76 systems
 - 69 are Y2K compliant or Year 2000 ready
 - The 7 non-compliant /non-ready systems are:
 - Radio frequency alarm receiver Renovate
 - Central Monitoring System (CMS) Renovate
 - Integrated Business Support System (IBSS) Upgrade
 - Security locks and doors Upgrade
 - Voice Mail Upgrade or reset dates
 - Systematic Tracking and Action Reporting System (STAR) Replace
 - Personnel Record Information System Management (PRISM) Replace

WIPP Status

- Y2K task force
 - High focus on Y2K effort
 - Increased resources
 - Approach similar to other high profile WIPP efforts. (e.g. ORR)

WIPP Status

- Reviewing system & embedded chip inventory list
 - Document the review of all systems and embedded chips, including low risk systems
 - Classifying relationship to safety of the environment, work force, or public
 - Classifying relationship to core business processes

Current WIPP Status

- Completing required actions and documentation to meet DOE milestones.
- Preparing assessments, contingency plans, and business continuity plans.
- Reevaluating inventory list to identify any need for additional testing or contingency plans.