

ENTERED

OVERVIEW AND STATUS
OF THE
WIPP TRANSPORTATION SAFETY PROGRAM

PRESENTED TO
JOINT MEETING
of the
RADIOACTIVE and HAZARDOUS MATERIALS COMMITTEE
NEW MEXICO STATE LEGISLATURE

and

N.M. RADIOACTIVE WASTE TASK FORCE

State Capitol Building
Santa Fe, NM
November 3, 1997

BY

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SCOPE OF PRESENTATION

- STATUS OF THE WASTE ISOLATION PILOT PLANT (WIPP)
 - EPA CERTIFICATION PROCESS
 - RCRA PART B PERMITTING PROCESS
 - DOE SHIPMENT SCHEDULE

- WESTERN STATES' REGIONAL PLANNING EFFORT
 - PHILOSOPHY AND STRATEGY
 - ORGANIZATION

- WIPP TRANSPORTATION SAFETY PROGRAM
 - PARTICIPANTS AND AFFECTED ENTITIES
 - EVOLUTION
 - STRUCTURE AND COMPONENTS
 - IMPLEMENTATION, TESTING AND EVALUATION

STATUS OF THE WIPP PROJECT

- TWO MAJOR PERMITS NEEDED:

1. U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) CERTIFICATION OF COMPLIANCE WITH THE APPLICABLE DISPOSAL REGULATIONS, 40 CFR 191
2. RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PART B PERMIT FROM NEW MEXICO ENVIRONMENT DEPARTMENT

- STATUS OF EPA CERTIFICATION PROCESS

-- EPA'S PROPOSED DECISION ISSUED IN *FEDERAL REGISTER* OF OCTOBER 30, 1997

* EPA'S PROPOSED DECISION: WIPP COMPLIES WITH THE DISPOSAL STANDARDS, SUBJECT TO FOUR CONDITIONS

- (1) WASTE CHARACTERIZATION
- (2) QUALITY ASSURANCE
- (3) PASSIVE INSTITUTIONAL CONTROLS
- (4) DESIGN OF WASTE PANEL SEALS

-- 120-DAY PUBLIC COMMENT PERIOD INITIATED OCT. 30

-- PUBLIC HEARINGS SCHEDULED (TENTATIVE) FOR LATE JANUARY 1998

- * CARLSBAD
- * ALBUQUERQUE
- * SANTA FE

-- EPA'S FINAL DECISION ANTICIPATED IN APRIL/MAY 1998

STATUS OF THE WIPP PROJECT
(continued)

- NEW MEXICO ENVIRONMENT DEPARTMENT'S RCRA PART B PERMITTING PROCESS: NEXT STEPS
 - ISSUANCE OF DRAFT PERMIT/PUBLIC NOTICE OF ISSUANCE
 - NOTICE OF PUBLIC HEARING
 - * PRE-FILING OF TECHNICAL TESTIMONY
 - * REVIEW OF FILED TESTIMONY
 - PUBLIC HEARING
 - PROPOSED FINDINGS OF FACT AND CONCLUSIONS OF LAW
 - RESPONSE TO FINDINGS AND CONCLUSIONS
 - HEARING OFFICER'S REPORT
 - COMMENTS TO HEARING OFFICER ON REPORT
 - FINAL DECISION BY NMED SECRETARY

- **STATE OF NM'S PRIMARY RESPONSIBILITY
WITH RESPECT TO THE WIPP PROJECT**

- ENSURE ADEQUATE PROTECTION OF PUBLIC HEALTH,
SAFETY, AND THE ENVIRONMENT
- RESPONSIBILITY EXTENDS TO BOTH CURRENT AND
FUTURE GENERATIONS

- **NEW MEXICO'S WIPP PROGRAM STRATEGY**

- REGULATE WIPP UNDER THE NEW MEXICO HAZARDOUS WASTE
ACT (RCRA PART B PERMIT)
- PARTICIPATE IN RELEVANT FEDERAL RULEMAKINGS (40 CFR
191, 194) AND PERMITTING PROCESSES
- VERIFY DOE COMPLIANCE WITH ALL APPLICABLE LAWS AND
REGULATIONS (*e.g.*, THOSE LISTED IN DOE'S BIENNIAL
ENVIRONMENTAL COMPLIANCE REPORT)
- REVIEW, ANALYZE, AND COMMENT ON WIPP TECHNICAL
REPORTS AND OTHER SUPPORTING PROJECT DOCUMENTATION
(PERFORMANCE ASSESSMENT)
- MONITORING AND OVERSIGHT OF WIPP ACTIVITIES

LEGAL AND REGULATORY DRIVERS

- 1981 LAWSUIT BY THE STATE OF NEW MEXICO
 - CONSULTATION AND COOPERATION AGREEMENT
 - SUPPLEMENTAL STIPULATED AGREEMENT

- WIPP LAND WITHDRAWAL ACT (P.L. 102-579), AS AMENDED
 - SPECIFIES VARIOUS REQUIREMENTS FOR WIPP OPERATIONS AND ACTIVITIES
 - ESTABLISHES REGULATORY ROLES/RESPONSIBILITIES
 - PROVIDES FOR TECHNICAL AND FINANCIAL ASSISTANCE TO AFFECTED ENTITIES

- KEY REGULATIONS IMPACTING ON TRANSPORTATION OPERATIONS
 - EPA DISPOSAL STANDARDS (40 CFR 191) AND CORRESPONDING COMPLIANCE CRITERIA (40 CFR 194)
 - NEW MEXICO HAZARDOUS WASTE ACT (RCRA PART B PERMIT REQUIREMENTS)
 - DOT HIGHWAY ROUTING CRITERIA (49 CFR 397.101)
 - NRC TRANSPORTATION PACKAGING REQUIREMENTS (10 CFR 71; "TRAMPAC" CRITERIA)
 - OSHA EMERGENCY RESPONSE STANDARDS (29 CFR 1910.120)

WIPP TRANSPORTATION SAFETY PROGRAM

- PARTICIPANTS AND AFFECTED ENTITIES
 - FEDERAL GOVERNMENT (DOE, DOT, EPA, NRC, OSHA)

 - STATE GOVERNMENTS
 - * NEW MEXICO (HOST STATE)
 - * STATES WITH DOE OR PRIVATE TRANSURANIC WASTE STORAGE SITES (16 TOTAL)
 - * CORRIDOR STATES (30 TOTAL)

 - TRIBAL GOVERNMENTS (11 TOTAL)

 - LOCAL GOVERNMENTS
 - * COUNTIES
 - * MUNICIPALITIES

 - OTHER
 - * MONITORING AND OVERSIGHT ORGANIZATIONS (e.g., NATIONAL ACADEMY OF SCIENCES, N.M. ENVIRONMENTAL EVALUATION GROUP)
 - * PRIVATE INDUSTRY (CONTRACTORS/SUPPLIERS)
 - * ENVIRONMENTAL/PUBLIC INTEREST GROUPS
 - * GENERAL PUBLIC ALONG THE ROUTE AND OTHERWISE

- MANY DIVERSE PLAYERS--ALL OF WHICH CAN MAKE SIGNIFICANT CONTRIBUTIONS TO ENHANCE THE SAFETY OF THE WIPP SHIPPING CAMPAIGN

● **NEW MEXICO RADIOACTIVE WASTE TASK FORCE**

-- CREATED BY STATUTE IN 1979 [74-4A-6 NMSA 1978]

-- COMPOSED OF THE CABINET SECRETARIES OF SIX NEW MEXICO STATE AGENCIES:

1. ENERGY, MINERALS & NATURAL RESOURCES DEPT.
2. ENVIRONMENT DEPARTMENT
3. DEPARTMENT OF PUBLIC SAFETY
4. DEPARTMENT OF HEALTH
5. STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
6. TAXATION AND REVENUE DEPARTMENT

-- CHAIRMAN AND VICE-CHAIRMAN OF THE JOINT INTERIM RADIOACTIVE AND HAZARDOUS MATERIALS OF THE NEW MEXICO LEGISLATURE SERVE AS ADVISORY MEMBERS

-- STATE FIRE MARSHAL'S OFFICE PARTICIPATES AS AN AD HOC MEMBER OF THE TASK FORCE

● **NEW MEXICO RADIOACTIVE WASTE TASK FORCE**
(continued)

-- STATUTORY DUTIES OF THE TASK FORCE:

- * NEGOTIATE ON BEHALF OF THE STATE OF NEW MEXICO WITH THE FEDERAL GOVERNMENT IN ALL AREAS RELATING TO THE SITING, LICENSING AND OPERATION OF NEW FEDERAL DISPOSAL FACILITIES FOR HIGH-LEVEL, TRANSURANIC AND LOW-LEVEL RADIOACTIVE WASTE

- * IDENTIFY, ASSESS, AND DISSEMINATE INFORMATION ON IMPACTS OF SUCH FEDERAL RADIOACTIVE WASTE DISPOSAL FACILITIES

- * COORDINATE THE INVESTIGATIONS AND STUDIES UNDERTAKEN BY ALL STATE AGENCIES RELATING TO THOSE FEDERAL FACILITIES

-- OTHER PRIMARY DUTIES AND FUNCTIONS

- * SPONSOR PUBLIC MEETINGS: PROVIDE OPPORTUNITIES FOR PUBLIC INPUT ON WIPP

- * COORDINATE THE STATE'S WIPP TRANSPORTATION SAFETY PROGRAM

**WESTERN STATES' REGIONAL PLANNING EFFORT:
WIPP TRANSPORTATION SAFETY PROGRAM**

- PROGRAM EVOLUTION
 - NATIONAL/REGIONAL TRANSPORTATION CONCERNS
 - COORDINATION THROUGH A REPRESENTATIVE ORGANIZATION [WESTERN GOVERNORS' ASSOCIATION (WGA)]
 - EXECUTION OF A DOE/WGA/STATE COOPERATIVE AGREEMENT IN 1990; MEMORANDUM OF AGREEMENT SIGNED BETWEEN DOE AND WESTERN GOVERNORS IN 1996

- PROGRAM PHILOSOPHY AND METHODOLOGY: ENSURE ADEQUATE PROTECTION OF PUBLIC HEALTH, SAFETY AND THE ENVIRONMENT
 - WORK COOPERATIVELY WITH DOE AND OTHERS TO:
 - * ASSESS THE ADEQUACY OF THE WIPP TRANSPORTATION SYSTEM
 - * RECOMMEND SYSTEM ENHANCEMENTS
 - * PROVIDE INDEPENDENT OVERSIGHT/MONITORING
 - PROVIDE FOR EFFECTIVE COORDINATION AND COMMUNICATIONS WITH ALL AFFECTED ENTITIES

- PROGRAM STRUCTURE
 - ACCIDENT PREVENTION
 - EMERGENCY RESPONSE PREPAREDNESS
 - PUBLIC AWARENESS, INFORMATION AND PARTICIPATION

WIPP TRANSPORTATION SAFETY PROGRAM

- ACCIDENT PREVENTION

- HIGH-QUALITY DRIVERS AND CARRIER COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS
 - * DOE TRANSPORTATION CONTRACT
 - * CARRIER MANAGEMENT PLAN
 - * INDEPENDENT RECORDKEEPING/SITE AUDITS BY STATE OFFICIALS
- RADIOLOGICAL/MECHANICAL INSPECTIONS OF SHIPMENTS
 - * COMMERCIAL VEHICLE SAFETY ALLIANCE'S (CVSA) ENHANCED NORTH AMERICAN STANDARDS
- PROCEDURES AND PROTOCOLS FOR HANDLING ADVERSE DRIVING CONDITIONS (e.g., BAD WEATHER, ROAD CONSTRUCTION)
- GUIDANCE FOR THE SELECTION AND USE OF SAFE PARKING AREAS IN EMERGENCY SITUATIONS
- ADVANCE NOTIFICATION AND MONITORING OF SHIPMENTS (TRANSCOM SYSTEM)
- ROUTE DESIGNATIONS

WIPP ROUTE DESIGNATION PROCESS

- FEDERAL REGULATIONS (40 CFR 397.101) REQUIRE THAT CERTAIN SHIPMENTS OF RADIOACTIVE MATERIALS TRAVEL OVER "PREFERRED ROUTES"
 - AS A MATTER OF POLICY, DOE HAS DETERMINED THAT ALL WIPP SHIPMENTS WILL BE SUBJECT TO THIS REQUIREMENT

- UNDER THE APPLICABLE U.S. DEPARTMENT OF TRANSPORTATION REGULATIONS, INTERSTATE SYSTEM HIGHWAYS ARE CONSIDERED PREFERRED ROUTES

- THESE REGULATIONS ALSO PROVIDE STATES THE AUTHORITY TO DESIGNATE THEIR OWN PREFERRED ROUTES AS AN ALTERNATIVE TO, OR IN ADDITION TO, ONE OR MORE INTERSTATE SYSTEM HIGHWAYS

- SEVERAL STATES, INCLUDING NEW MEXICO, DETERMINED THAT THE DESIGNATION OF ROUTES FOR WIPP SHIPMENTS WAS IN THEIR BEST INTERESTS
 - INTERSTATE HIGHWAYS INTERSECT MAJOR POPULATION CENTERS IN SOME STATES AND VIABLE ALTERNATIVES EXIST

 - IN NEW MEXICO, INTERSTATE HIGHWAYS DON'T EXTEND TO THE WIPP SITE; SHORTEST-DISTANCE ROUTE FROM NEAREST INTERSTATE WOULD HAVE HAD TO BE USED

WIPP ROUTE DESIGNATION PROCESS (continued)

- UNDER THE APPLICABLE REGULATIONS, A COMPARATIVE ROUTE ANALYSIS MUST BE CONDUCTED IN ACCORDANCE WITH FEDERAL GUIDELINES [Guidelines for Selecting Preferred Highway Routes for Highway Route Controlled Quantity Shipments of Radioactive Materials, DOT/RSPA/HMS/92-02, August 1992]
 - GUIDELINES PROVIDE A METHODOLOGY FOR ANALYZING/COMPARING ALTERNATIVE ROUTES

- POTENTIALLY AFFECTED LOCAL AND TRIBAL GOVERNMENTS, AS WELL AS ADJACENT STATES, MUST BE CONTACTED AND CONSULTED REGARDING PROPOSED ROUTES
 - SERIES OF PUBLIC HEARINGS MAY BE HELD TO SOLICIT PUBLIC COMMENT

- STATE ROUTING AGENCY CONSIDERS ANALYSES AND INPUT, THEN RENDERS ITS DECISION

- STATE-DESIGNATED WIPP ROUTES MUST BE FILED WITH, AND ACKNOWLEDGED BY, THE U.S. DEPARTMENT OF TRANSPORTATION (USDOT) TO BECOME EFFECTIVE

- NEW MEXICO STATE HIGHWAY COMMISSION DESIGNATED WIPP ROUTES IN ACCORDANCE WITH THIS PROCESS IN 1991, RESULTING IN SHTD RULE NO. 91-3

WIPP TRANSPORTATION SAFETY PROGRAM

- EMERGENCY RESPONSE PREPAREDNESS
 - PLANS AND PROCEDURES FOR RESPONDING EFFECTIVELY TO A WIPP TRANSPORTATION ACCIDENT
 - * RADIOLOGICAL HEALTH PROFESSIONALS
 - * FIRE FIGHTERS
 - * LAW ENFORCEMENT OFFICERS
 - * EMERGENCY MEDICAL (AMBULANCE/HOSPITAL PERSONNEL)

 - TRAINING, DRILLS AND EXERCISES
 - * NM's ANNUAL LOCAL EMERGENCY RESPONSE TRAINING (ALERT) PROGRAM: PROVIDES SUITE OF 16 HAZARDOUS MATERIALS EMERGENCY RESPONSE COURSES

 - * DOE's STATES AND TRIBAL EDUCATION PROGRAM (STEP): PROVIDES SUITE OF 6 WIPP EMERGENCY RESPONSE COURSES

 - * CLASSROOM "TABLETOP" EXERCISES, FUNCTIONAL DRILLS, AND FULL-SCALE FIELD EXERCISES (WIPPTRAXs) ARE INTEGRAL COMPONENTS OF TRAINING

 - EQUIPMENT AND SUPPLIES FOR STATE/LOCAL GOVERNMENTS
 - * RADIATION DETECTION

 - * RADIATION PROTECTION

WIPP TRANSPORTATION SAFETY PROGRAM

- PUBLIC AWARENESS, INFORMATION AND PARTICIPATION
 - DEVELOPMENT AND DISSEMINATION OF TIMELY, ACCURATE INFORMATION
 - * MANY AND VARIED AFFECTED "PUBLICS"
 - * EACH INDIVIDUAL HAS UNIQUE FRAME OF REFERENCE AND INFORMATION REQUIREMENTS

 - DEAL HONESTLY AND STRAIGHTFORWARD WITH PUBLIC

 - MULTI-FACETED APPROACH TO PUBLIC OUTREACH
 - * DIRECT MAILINGS
 - * PUBLIC MEETINGS/HEARINGS/WORKSHOPS
 - * INTERNET (STATE OF NEW MEXICO'S WIPP TRANSPORTATION SAFETY PROGRAM WEBSITE--
<http://www.emnrd.state.nm.us/wipp>)
 - * HOTLINES (DOE:1-800-336-9477; EPA:1-800-331-9477)
 - * TECHNICAL CONFERENCES/PUBLICATIONS

 - PROVIDE OPPORTUNITIES FOR INTERESTED/AFFECTED "PUBLICS" TO PARTICIPATE IN THE WIPP PROGRAM

WIPP TRANSPORTATION SAFETY PROGRAM: SUMMARY & CONCLUSIONS

- WIPP TRANSPORT SAFETY PROGRAM DEVELOPED WITH DIVERSE AND SIGNIFICANT PUBLIC INPUT

- WIPP TRANSPORT SAFETY PROGRAM ADDRESSES BOTH ACCIDENT PREVENTION AND EMERGENCY RESPONSE PREPAREDNESS
 - KEY OBJECTIVE IS TO MINIMIZE HUMAN ERROR AS MUCH AS POSSIBLE

- WIPP TRANSPORT SAFETY PROGRAM GOES BEYOND MINIMUM REQUIREMENTS

- WIPP TRANSPORT SAFETY PROGRAM PROCEDURES AND PROTOCOLS SUCCESSFULLY TESTED ON "DRY RUNS" AND OTHER RADIOACTIVE MATERIALS SHIPPING CAMPAIGNS

- WIPP TRANSPORT SAFETY PROGRAM SHOULD SIGNIFICANTLY REDUCE THE OCCURRENCE AND CONSEQUENCES OF ACCIDENTS



ENVIRONMENTAL FACT SHEET

Proposed Certification Decision for the Waste Isolation Pilot Plant's Compliance with EPA's Radioactive Waste Disposal Standards

INTRODUCTION

The U.S. Environmental Protection Agency (EPA) regulates the disposal of radioactive waste to protect public health and the environment from radiation exposure and contamination. This Fact Sheet describes EPA's proposal to certify that the Department of Energy's (DOE) Waste Isolation Pilot Plant (WIPP) will comply with the Agency's radioactive waste disposal standards.

The WIPP, which is under development by DOE, is a potential geologic disposal facility for transuranic radioactive waste such as contaminated clothing, rags, glassware, sludges, and equipment generated as by-products from nuclear weapons production. The WIPP is located in southeastern New Mexico, near Carlsbad, approximately 2,100 feet (½ mile) underground in excavated, natural salt formations. Some of the waste that would be disposed of at the WIPP is currently stored at Federal facilities across the United States. Most of the waste proposed for disposal at the WIPP will be generated in the future as nuclear weapons are disassembled.

LEGISLATION

EPA's regulation of the WIPP facility is governed by the WIPP Land Withdrawal Act (LWA), passed initially by Congress in 1992 and amended in 1996. The LWA requires EPA to perform several activities including: certifying whether the WIPP will comply with EPA's radioactive waste disposal regulations before waste disposal can begin; and, if DOE demonstrates that WIPP will comply with EPA's radioactive waste disposal regulations, determine whether the WIPP continues to be in compliance with

the disposal regulations every five years.

In December 1993, EPA issued final radioactive waste disposal regulations. These generally applicable standards limit radiation releases from facilities for disposal of radioactive waste.

In February 1996, EPA issued its final Compliance Criteria which implement the general disposal standards specifically at the WIPP. The Compliance Criteria clarify the requirements of the radioactive waste disposal regulations and require DOE to provide EPA with specific types of information in its "compliance certification application" (CCA).

Both the radioactive waste disposal regulations and the Compliance Criteria reflect public comments and suggestions from the WIPP Review Committee of the National Advisory Council for Environmental Policy and Technology (NACEPT).

THE PROPOSED DECISION

EPA has spent the last five years studying the WIPP and DOE's compliance documentation. Since 1992, when EPA was given the authority to determine WIPP's safety, the Agency has reviewed and commented on numerous DOE reports, analyses and computer calculations. For example, EPA extensively reviewed and commented on DOE's performance assessment conducted in 1992 and two draft CCA's before receiving the final CCA in October 1996. EPA also conducted independent modeling of various technical issues and has obtained input from independent scientific advisory bodies, including the New Mexico Environmental Evaluation Group and the National Academy of Sciences. To date, the Agency has held 15 days of public hearings and has responded

in writing to over 3,400 public comments.

EPA's evaluation of compliance was made by comparing the CCA and other relevant information -- including supplementary information requested by EPA from DOE and the results of EPA's confirmatory audits and inspections -- to the Compliance Criteria. This proposed certification decision is based on EPA's conclusion that the CCA and supplemental materials satisfy the requirements of EPA's Compliance Criteria, and that the WIPP will, therefore, safely contain radioactive waste.

EPA is proposing that the certification decision be subject to conditions related to: (1) waste characterization (determining the radionuclides and other contents of waste disposal containers); (2) quality assurance (to confirm that waste characterization is done properly); (3) implementation of passive institutional controls (intended to warn future generations about the hazards of the radioactive waste buried in the WIPP); and (4) panel seals (used to contain the waste within the facility). In addition, DOE is required to report to EPA any planned or unplanned changes in the activities or conditions at the WIPP that differ from those described in the CCA. Moreover, DOE is required to immediately inform EPA of any planned or unplanned activities or conditions at the WIPP that might cause the WIPP to exceed the containment requirements of the disposal regulations.

PUBLIC INVOLVEMENT

The WIPP is a first-of-a-kind project and New Mexico citizens have expressed a great deal of interest in the safety of the site. In response to such interest, EPA has included extensive public participation opportunities throughout the rulemaking processes and will continue to do so. Numerous public meetings and comment periods as well as hearings have been held to receive the public's comments on the development of the radioactive disposal standards, WIPP Compliance Criteria, and DOE's CCA.

EPA's proposed decision is subject to a 120-day public comment period which will open immediately following publication of this proposal in the Federal Register. Hearings will be held in Carlsbad, Albuquerque, and Santa Fe, New Mexico to receive additional input from the public. All input from the public received within the specified time frame will be considered before the Agency makes its final decision.

If, after reviewing public comments, EPA concludes that the WIPP will comply with its radioactive waste disposal regulations, EPA will issue a final rule to the Secretary of Energy certifying that WIPP complies with these regulations. At that time, the Secretary of Energy would be authorized to begin emplacement of radioactive wastes in the WIPP, once all other applicable health and environmental requirements have been met. A document summarizing public comments and EPA's response will be published along with the final rule.

SUPPORTING DOCUMENTS

In addition to the proposal, EPA has developed technical documents called compliance application review documents (CARDS) to explain the basis for the Agency's decision. Additional technical support documents (TSDs) have also been developed. The CARDS and TSDs may be obtained from the EPA Air docket and most are available electronically on EPA's World Wide Web site.

FOR MORE INFORMATION

All information on EPA's decision-making processes concerning the WIPP can be obtained from any of EPA's four public dockets. Informational dockets are located in libraries in Albuquerque, Carlsbad, and Santa Fe, New Mexico. The official docket is located at EPA Headquarters in Washington, D.C.

For the latest information on upcoming public hearings and meetings, as well as the status of EPA activities regarding the WIPP, please call EPA's recorded WIPP Information Line at 1-800-331-WIPP or visit EPA's World Wide Web site at <http://www.epa.gov/radiation/wipp>.

Estimated Number of WIPP Shipments

Total shipments from major sites

GENERATOR SITE	START DATE	TOTAL # OF SHIPMENTS ¹		
		CH	RH	TOTAL
Los Alamos, New Mexico	May 1998	5,009	367	5,376
Idaho National Engineering Lab	May 1998	5,782	3,136	8,918
Rocky Flats, Colorado	May 1998	2,485	0	2,485
Savannah River Site, South Carolina	May 1998	2,238	0	2,238
Oak Ridge, Tennessee	October 2001	251	1,276	1,527
Hanford, Washington	October 1999	13,666	3,178	16,844
Lawrence Livermore, California	October 1999	162	0	162
Nevada Test Site	October 1999	86	0	86
Mound Laboratory, Ohio	May 1999	59	0	59
Argonne National Lab-East, Illinois	May 1999	28	0	28
Totals		29,766	7,957	37,723

Sources:

Number of Shipments are from the WIPP Disposal Phase Draft SEIS-II, DOE/EIS-0026-S-2, November 1996, Chapter 5, Proposed Action. Numbers are subject to change.

Start Dates for Shipments are from DOE Carlsbad Area Office Presentation to the WGA WIPP Technical Advisory Group, May 7, 1997. Dates are subject to change.

¹ Shipment of contact-handled (CH) waste will commence in May 1998; remote-handled (RH) waste shipments will begin in October 2001. Includes existing waste and wastes to be generated.

ALERT

ANNUAL LOCAL EMERGENCY RESPONSE TRAINING

The training courses listed on the reverse side are offered as part of a program to prepare New Mexico communities to respond to hazardous materials transportation accidents, including those involving a WIPP shipment. These courses continue to be available from the State of New Mexico's three training academies: 1) the Emergency Medical Services (EMS) Academy in Albuquerque; 2) the Fire Academy in Socorro; and 3) the Law Enforcement Academy in Santa Fe. However, in anticipation of the WIPP shipping campaign, each course has been modified to include WIPP-specific emergency response information and can be presented free-of-charge in your community as part of a progressive train-up program, culminating in a full-scale community WIPP accident exercise. The Department of Public Safety WIPP Program Manager acts as a facilitator to schedule the courses and, in some cases, provides funding or cost sharing for the Community ALERT Program. In conjunction with the training courses, a program of table-top exercises, drills and functional and full-scale exercises is also suggested. These are tailored to and sequenced with the Community ALERT training courses.

The community decides which training courses and exercises are included in the program based upon the current level of training of the participating emergency response organizations. Not all courses are required for each community. The target audience includes EMS, fire, law enforcement, public utilities, highway departments and Red Cross and other volunteer organizations. Courses may be scheduled for weekdays, evenings or weekends to accommodate full-time, shift and volunteer responders. Courses may be scheduled as frequently as necessary to achieve each organization's desired level of training,

Some equipment and supplies are available to communities through this program. Generally, this includes replacement of expendable supplies consumed during training, such as tyvek suits, gloves, booties, respirator filters, diking and absorbent materials, plastic sheets, decontamination supplies, etc. WIPP-specific equipment may also be provided including radiation survey instruments; emergency management computer software such as the U.S. Environmental Protection Agency's CAMEO program; and special hospital emergency room WIPP equipment kits.

Reimbursement of overtime, travel and per diem costs associated with participating in WIPP training is also available on a limited and very strictly defined basis.

In addition to the emergency response training, briefings to public officials, public town meetings, tours of the WIPP facility in Carlsbad and other information services can be arranged upon request.

For more information regarding the New Mexico ALERT Program contact:

John Shea
WIPP Program Manager
New Mexico Department of Public Safety
Office: 505/476-9628, Fax: 505/476-9695

Courses available under the ALERT program include:

	COURSE	LENGTH	PREREQUISITES
1	Computer-Aided Management of Emergency Operations (CAMEO)	8 HRS	Computer Literacy; Familiarity with Windows
2	WIPP Safe Transportation Orientation	2 HRS	None
3	HAZMAT Awareness Level (WIPP)	8 HRS	None
4	HAZMAT Operations Level (WIPP)	24 HRS	HAZMAT Awareness
5	HAZMAT Technician Level	80 HRS	HAZMAT Operations
6	HAZMAT On-Scene Commander Critical Incident Management	24 HRS	HAZMAT Operations
7	ICS Public Overview	2 HRS	None
8	ICS Operations Level	4 HRS	HAZMAT Awareness
9	ICS Technician Level	8 HRS	ICS Operations
10	ICS On-Scene Commander	40 HRS	HAZMAT Operations
11	Radiological Familiarization/Refresher Training	4 HRS	HAZMAT Awareness
12	Hospital Emergency Department Radiation Emergency	8 HRS	None
13	REAC/TS On-Site Hospital Training	8 HRS	None
14	REAC/TS Training at Oak Ridge, TN	28 HRS	None
15	EMS Operations for Hazardous Materials	16 HRS	HAZMAT Awareness
16	Radiation Emergency Training for Local Responders (RETLR)	24 HRS	HAZMAT Operations Rad Fam/Refresher

WIPP Exercises:

Orientation	2 HRS
TABLE-TOP Exercise	4 HRS
DRILL - No Notice	4 HRS
DRILL	4 HRS
Functional Exercise	4 HRS
Full-Scale Exercise	6 HRS
WIPPTRAX Full-Scale	6 HRS

Summary of Outreach by the New Mexico WIPP Work Group 1996-1997

Date	Location / Activity	Community
January 30, 1996	ABQ/Bernalillo County LEPC Presentation	Albuquerque
February 15, 1996	Moriarty Community Center Open House	Moriarty
February 16, 1996	Presentation to Northern New Mexico Indian Pueblos	Tesuque
March 21, 1996	Indian Pueblo Cultural Center Open House	Albuquerque
April 9, 1996	San Miguel County Commission Presentation	Las Vegas
April 11, 1996	Las Vegas City Hall Open House	Las Vegas
April 11, 1996	Las Vegas City Council Presentation	Las Vegas
May 14, 1996	Nambe Senior Citizens' Center Open House	Nambe Pueblo
May 15, 1996	Tribal Administration Council Chambers Open House	Pojoaque Pueblo
May 16, 1996	Capitol Building Rotunda Open House	Santa Fe
June 5, 1996	Los Alamos Community Center Open House	Los Alamos
June 6, 1996	San Ildefonso Pueblo Community Center Open House	San Ildefonso
July 8, 1996	Wagon Mound Village Council Presentation	Wagon Mound
July 9, 1996	Springer City Complex Open House	Springer
July 9, 1996	Mora County Commission Presentation	Mora
July 10, 1996	Wagon Mound Fire Department Open House	Wagon Mound
July 18-20, 1996	State Emergency Medical Services Conference Exhibit	Albuquerque
August 13, 1996	Raton City Council Presentation	Raton
August 14, 1996	Raton Chamber of Commerce & Visitors Center Open House	Raton
September 11, 1996	Agora Shopping Center Open House	El Dorado
September 12, 1996	Galisteo Fire Department Open House	Lamy/Galisteo
October 15-18, 1996	Regional HAZMAT Symposium - Exhibit	Albuquerque
October 23, 1996	Vaughn Fire Department Open House	Encino/Vaughn
November 21, 1996	Roswell Mall Open House	Roswell
December 9, 1996	Loving Village Council Meeting Presentation	Loving
December 10, 1996	Artesia High School Open House	Artesia
December 10, 1996	Carlsbad City Council Meeting Presentation	Carlsbad
December 11, 1996	Carlsbad Mall Open House	Carlsbad
December 12, 1996	Guevara Community Center Open House	Loving

Date	Location / Activity	Community
January 6-7, 1997	SEIS-II Hearings Exhibit	Albuquerque
January 8-10, 1997	SEIS-II Hearings Exhibit	Santa Fe
March 17, 1997	DeVargas Middle School Presentation	Santa Fe
April 11-13, 1997	NM Emergency Medical Services Region III Conference - Exhibit	Ruidoso
June 10 - 12, 1997	New Mexico Association of Counties Conference Exhibit	Raton
July 14 - 19, 1997	New Mexico Emergency Medical Services Conference Exhibit	Albuquerque
August 4 - 8, 1997	Annual Fire School Exhibit	Socorro
August 11-14, 1997	New Mexico Emergency Manager's Conference Exhibit	Roswell
August 27-29, 1997	New Mexico Municipal League Conference Exhibit	Las Cruces
September 23, 1997	Rotary Club of Santa Fe Presentation	Santa Fe
October 18, 1997	Exhibit at DPS Safety Day at DeVargas Mall	Santa Fe
October 20-21, 1997	New Mexico Environmental Health Conference Exhibit	Albuquerque
October 29 and 30, 1997	Presentation for State Employees	Santa Fe
December 3-4, 1997	Governor's Career Development Conference	Albuquerque