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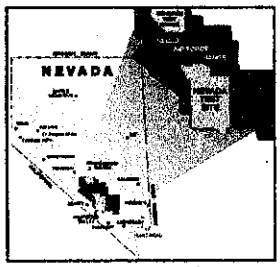
Nevada Test Site Overview

Vision

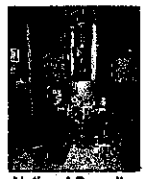
The Nevada Test Site (NTS) is a national asset for supporting experimentation, testing, training, and demonstration for defense systems, and advanced high hazard operations. We are the leader for rapidly designing, developing, and implementing the technological support required for experiments and tests of our national defense systems customers.

The Nevada Test Site



- ~ 1,375 square miles of federally owned land
- Safe
- Secure
- Remote
  - Surrounded by Nellis Air Force Range and Bureau of Land Management land
  - Controlled access

National Security


National Security

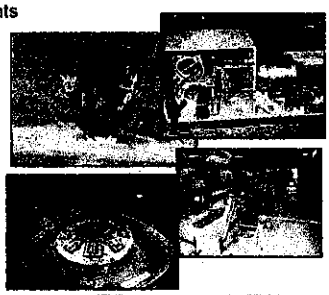

Test Readiness


Emergency Response


Facilities and Infrastructure

Stockpile Stewardship Program

- Subcritical Experiments
- Device Assembly Facility
- Big Explosives Experimental Facility
- JASPER
- Atlas
- Technical Area 18 Missions



Technical Area 18 (TA-18) Relocation

- TA-18 supports important defense, nuclear safety, and other national security mission responsibilities
- Transfer requirements
  - Shipment of 1.5 to 2 metric tons of special nuclear material (mostly uranium) and other nuclear material
  - Relocation of 4 assemblies
  - Additional 20-30 staff
  - Safe Secure Transport

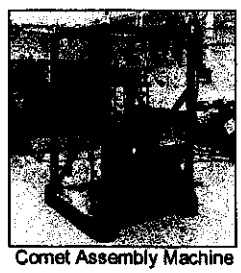

Comet Assembly Machine

EXHIBIT C Committee on Transportation

Date: 2/25/03 Page 1 of 4

Test Readiness

- Maintain capability to resume underground testing
- Current readiness is 24-36 months
- NNSA is committed to a more responsive posture

National Training Center

First Responder Training

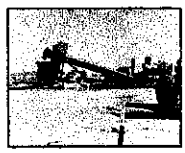
Counter-terrorism training

Weapons of Mass Destruction Training

Hydrogen Energy Station

- Demonstrates the co-production of electricity and hydrogen fuel
- Station includes:
  - Onsite hydrogen production from natural gas
  - Grid-connected fuel cell power plant
  - Liquid and compressed hydrogen storage
  - Hydrogen vehicle fueling
  - Hydrogen enriched natural gas vehicle fueling
  - State-of-the-art fuel dispensing

Environmental Management

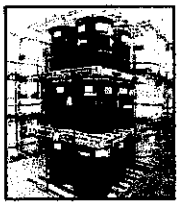


Environmental Restoration

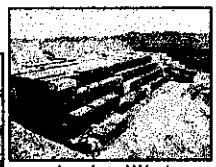
Waste Management

Technology Development

Waste Management



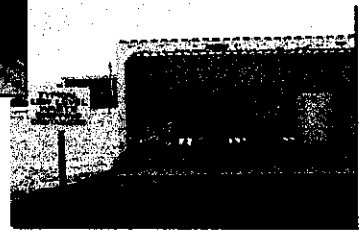
Transuranic/Mixed Transuranic Waste



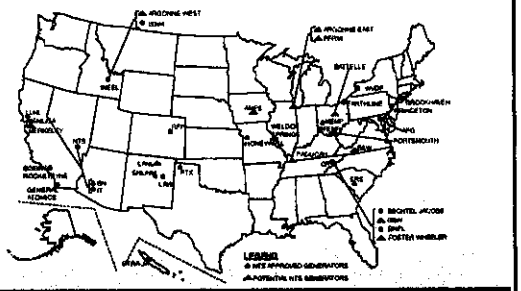
Low-Level Waste

Mixed Low-Level Waste

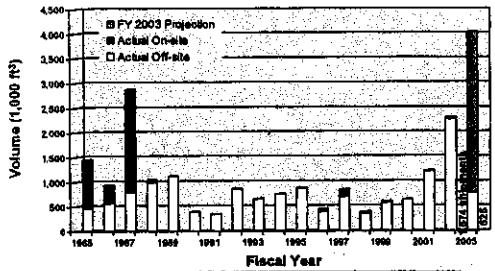
Low-Level Waste Drum Cutaways



Nevada Test Site Generators



Low-Level Waste Disposal History

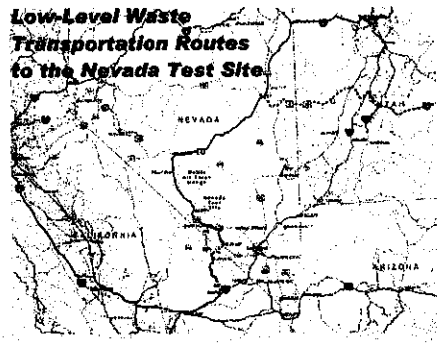


FY 2002 (total) - 2,314,723 ft³
FY 2003 (total received as of 01/31/2003) - 781,116 ft³

Radioactive Waste Acceptance Program

- Under the Radioactive Waste Acceptance Program, NTS waste experts:
  - Review generator program and documentation including waste profiles and certification program plans
  - Conduct annual assessments and biennial audits

Low-Level Waste Transportation Routes to the Nevada Test Site



Waste Shipment Routing to the NTS

Year	Total Shipments	Out of State	Hoover Dam	Sagebrush Bowl
1999 (4th Qtr)	258	239	4 (2%)	17 (7%)
2001	926	906	1 (<1%)	10 (<1%)
2003 (thru January 31)	527	519	0 (0%)	0 (0%)

FY 1997-2003

Emergency Management Grants

FY 2002

Clark	$25,000
Elko	$230,856
Esmeralda	$233,470
Lincoln	$245,091
Nye	$234,775
White Pine	$231,034
TOTAL	$1,200,226

$.50/ft³ of waste disposed funds emergency management grants for Nevada counties

PLANNED FY 2003

Clark	$100,000
Elko	$178,061
Esmeralda	$190,095
Lincoln	$178,036
Nye	$175,906
White Pine	$177,902
TOTAL	$1,000,000

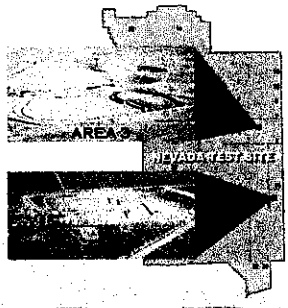
$1 million has been obligated to date for FY 2003 emergency management grants to Nevada counties – additional amounts for FY 2003 will be determined and dispersed in May or June 2003

To date, approximately $2.4 M has been distributed to Nevada Counties for emergency management grants

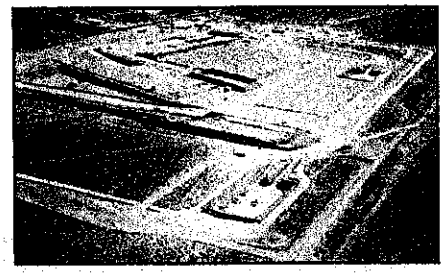
Waste Management at the NTS

The NTS accepts/disposes low-level waste generated throughout the DOE complex

- Two Disposal Sites
  - Area 5 uses engineered shallow-land burial to dispose of containerized waste
  - Area 3 uses subsidence craters created by past underground nuclear tests to dispose of bulk waste

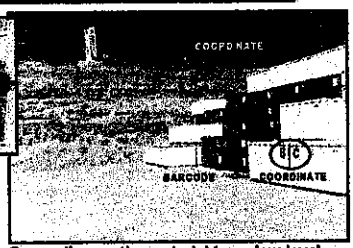


Area 5 Radioactive Waste Management Site



Area 5 Disposal Process

Radiological conditions generally do not require workers to wear special personal protective equipment



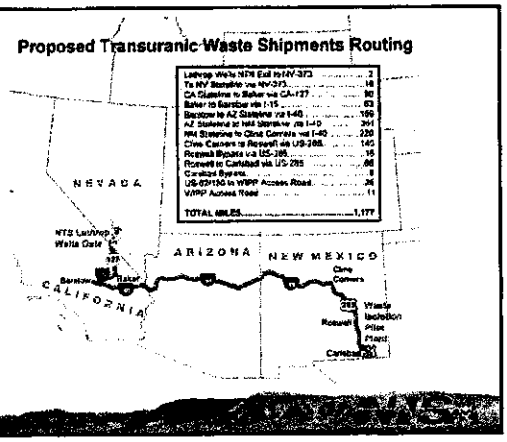
Depending on the material type, low-level radioactive waste is packaged in different types of containers and systematically placed in a grid array within the disposal cell

Transuranic (TRU) Waste

TRU Waste Project Description:

- Store
- Characterize
- Repackage TRU waste
- Study disposition of classified material and oversize TRU
- Ship to the Waste Isolation Pilot Plant (WIPP), Carlsbad, NM, starting in June 2003

Proposed Transuranic Waste Shipments Routing



Summary of Transportation

- TA-18 Material shipments not yet scheduled
- Emergency Management Grants provided to local emergency response organizations
- Transuranic waste shipments to WIPP scheduled to begin in June 2003
- NTS low-level waste shipments avoid Hoover Dam and Las Vegas Spaghetti Bowl