U.S. DEPARTMENT OF ENERGY | OFFICE OF ENVIRONMENTAL MANAGEMENT

Carlsbad Town Hall Meeting

Sponsored by the U.S. Department of Energy
and the
City of Carlsbad, NM

June 4, 2015

Agenda

- Opening Comments – Mayor Dale Janway
- Moderator – John Heaton
- NMED Presentation – Secretary Ryan Flynn
- Update on CBFO and WIPP activities – Dana Bryson
- Recovery Status – Jim Blankenhorn
- WIPP Volunteers – Jim Blankenhorn
- Audience Questions
  - In house
  - Internet
- Closing Comments – Dana Bryson

NMED

New Mexico Environment Department

CARLSBAD TOWN HALL

June 4 , 2015

Ryan Flynn

Secretary

New Mexico Environment Department

Overview

NM-DOE SETTLEMENT AGREEMENT

Enforcement Action Against DOE

- WIPP: $17.7 Million for 13 permit violations
  - Violations included failure to timely notify NMED of release and improper acceptance and disposal of incompatible and ignitable waste
- LANL: $36.6 Million for 18 permit violations
  - Violations included treatment of hazardous waste without a permit, mixing incompatible waste, failure to properly manage incompatible waste and failure to adequately characterize waste

Highlights of Settlement Agreement

- $73.25 Million for Various Supplemental Environmental Projects
  - $34 million to improve WIPP transportation routes in SE New Mexico
  - $12 million to improve transportation routes in Los Alamos
  - $10 million to replace aging potable water lines at LANL
  - $9.5 to build engineering structures and increase monitoring capabilities around LANL to manage storm water flows
  - $5 million to construct an Emergency Operations Center in Carlsbad and provide enhanced training for first responders and mine rescue teams
  - $2.75 million to fund an independent triennial compliance and operational review

Highlights of Settlement Agreement

- Corrective Actions at LANL and WIPP
  - Issues identified in various internal and external investigations must be corrected
- Funding for Supplemental Environmental Projects
  - Funds used by DOE to pay for the supplemental environmental projects will not be diverted from existing operational or clean up budgets

Community Input

- Input from Host Communities Heavily Influenced Settlement Agreement
  - Northern New Mexico Citizens' Advisory Board Recommendation 2015-03
  - Carlsbad Mayor's Nuclear Task Force Resolution No. 2015-11
  - Regional Coalition of Los Alamos Communities
  - State and Local Officials

CONCLUSION

Update on CBFO and WIPP Activities

Dana Bryson, CBFO Deputy Manager

WIPP Recovery Progress

- Panel Closure Completed
- Interim Ventilation System
- Zone Recovery Progress

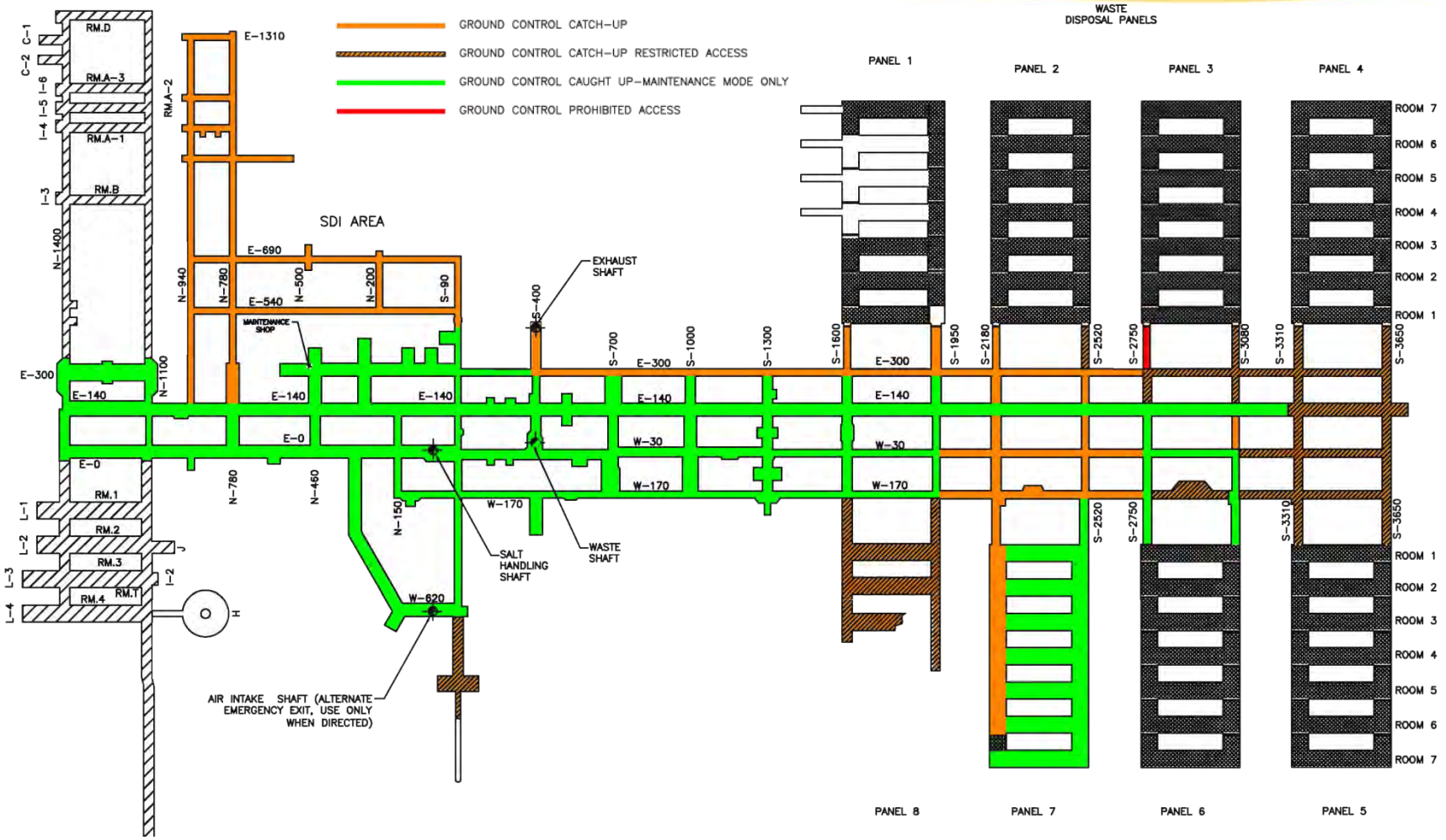
Recovery Status

Jim Blankenhorn, NWP Recovery Manager and Deputy Project Manager

Panels 6 & 7 Initial Closure

- Initial panel closure activities completed:
  - Panel 6 (April 4)
  - Panel 7, Room 7 (May 29)
- All suspect nitrate salt containers of concern disposed in the WIPP underground are now isolated

Ground Control



- **Bolting activities are continuing in both uncontaminated and contaminated areas**
  - Over 2,100 bolts installed as part of the “catch-up” bolting activities

Interim Ventilation System

- First shipment of ductwork has been made and excavations and concrete pours have been completed
- Damaged fan/filter units are being evaluated
- Upon final installation, airflow in underground will increase from 60,000 cubic feet per minute (CFM) to 114,000

Safety Management Programs

- Initial reviews of WIPP Safety Management Programs is completed. These reviews, or Line Management Assessments (LMA), are precursors to demonstrating operational readiness
- Reports are being written to document results of these reviews
- A senior management review of the results of each LMA is scheduled for later this month

Zone Recovery Progress

- A combustibles control area is being established near the Air Intake and Salt shafts
  - Combustibles are being removed from the underground or placed in appropriate storage
  - 80% complete
- Radiological risk reduction
  - The ribs (walls) for Rooms 1 - 6 in Panel 7 have been spray washed with water
    - A third washing is in progress
  - Test of brattice cloth covered with salt was successful
    - This approach will be used in the contaminated floor areas in the underground leading to and in Panel 7

WIPP Volunteers – Day of Caring

- Nuclear Waste Partnership is pleased to support the United Way in building a stronger and healthier community
- June 5th – Day of Caring

Day of Caring
United Way 2015

Questions
&
Answers

Closing Comments

Dana Bryson, CBFO Deputy Manager