WIPP Town Hall Meeting

April 19, 2018

Sponsored by the U.S. Department of Energy and the City of Carlsbad, NM
• Welcome – Mayor Dale Janway

• Introduction – Moderator John Heaton

• WIPP Status – NWP President and Project Manager Bruce Covert

• CBFO Update – CBFO Manager Todd Shrader
WIPP Status
NWP President and Project Manager
Bruce Covert
Safety

- Mine Rescue
- MSHA Citations
- Speak Up, Listen Up – more than 600 employees trained
- Safety Trained Supervisor Certification
- Zone Safety Committees
Safety Video
Recent Accomplishments

• FY18 federal budget approved $383 million for WIPP
  ✔ Thanks to NM congressional delegation, local stakeholders
• Class 2 Permit Modification Request approved (March 22)
  ✔ “Training Program Revision and Changes Due to Construction and Operation of a New Filter Building”
• Voluntary Protection Program Assessment team completed review of NWP
  ✔ MERIT status retained
• Annual Maintenance outage completed
• Established 4-10 schedule
  ✔ Mining on day shift/waste emplacement on back shift
Shipments (as of 04/09/18)

- Total Shipments received (since 1999) – 12,105
- Shipments since restart – 211
- Averaging 7-8 shipments/week
- WIPP drivers have safely traveled over 14.4 million loaded miles
Ground Control

• E-300 drift progress continues with bolting activities
• Over 500 bolts were installed throughout the underground (March)
• No change in Room 6, Panel 7
• CBFO and NWP continue to evaluate safe work conditions
• Employee safety is highest priority

Mining Video (10 sec. clip)  Bolting Video (10 sec. clip)
Mining Update (Panel 8)

Panel 8:
-- Back Removal

Mining Resumption
-- Cumulative tons = 5,763

Legend
- Planned mining
- Probe hole drilled
- Initial mining
- Re-Mine to Clay G
- Initial Air relief hole drilled
- Initial bolting completed
Waste Emplacement Update (Panel 7)
Current Infrastructure Projects

- Plant Air Compressor Replacements
- Fire Loop Project Phases 1 and 2
- 2.4 KvA Salt Hoist Switch
- 411/412 Roof Replacement
Infrastructure Projects

Potential FY19 Infrastructure Projects

• PA System Recapitalization
• 2 Replacement Electrical Substations
• Lightning Array Design Upgrades
• Site Network Infrastructure Project
• CMR Improvements
• Above Ground Airline Replacement to the Underground (bottom of shaft for now)
• Replacement of Underground Substation
Community Commitment Plan

• Awarded the United Way Volunteer Business of the Year and Spirit of United Way Employee Giving Award
• Assisted CARC in rebuilding greenhouse tables; assisted with achieving fundraising goal of $10K
• Increased current volunteer hours for FY18 to over 1,600 hours
CBFO Manager’s Update
Todd Shrader
## FY 19 President’s Request

<table>
<thead>
<tr>
<th>Description</th>
<th>FY19 REQUEST</th>
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<tbody>
<tr>
<td>Nuclear Waste Partnership</td>
<td>$195,045,200</td>
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<tr>
<td>Other Participants</td>
<td>$69,954,800</td>
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<tr>
<td>Carlsbad Infrastructure Recap</td>
<td>$46,695,000</td>
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<tr>
<td>Construction 15-D-411, Safety Significant Confinement Ventilation System</td>
<td>$84,212,000</td>
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<tr>
<td>Construction 15-D-412, Utility Shaft</td>
<td>$1,000,000</td>
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<tr>
<td>Safeguards &amp; Security</td>
<td>$5,288,000</td>
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<tr>
<td>Cyber Security</td>
<td>$1,292,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$403,487,000</strong></td>
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Waste Control Specialists

Last Shipments of Class 1 LANL Waste Leave WCS
Recent Reports

• Jan. 17: MSHA First Quarter Summary

• March 26: DNFSB letter regarding Safety Significant Confined Ventilation System

• Office of Enterprise Assessment Reports
  – Feb. 16: Assessment of Emergency Management at WIPP
  – April 12: Lessons Learned from Assessments of Safety into Design of New DOE Nuclear Facilities
Safety Significant Confinement Ventilation System

• Completed Independent Cost Estimate
• Completed External Independent Review
  • Turn over to Operations – March 2021
  • Complete Demolition of Existing System and Schedule Margin – November 2022
• Approval of project design in near future
• Request for proposal for construction forthcoming
• Plan to award construction contract May 2018
• Anticipate start of construction May 2018
Looking Ahead at WIPP
WIPP Repository Utilization
(concept for future)
Questions?