WIPP Town Hall Meeting
December 13, 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
Recent Accomplishments

- 2.4 KV salt hoist switch replacement
- TRUPACT-III ramp-up
  - Automated Guided Vehicle repairs
  - Payload Transfer Station repairs
  - Team members practicing operations procedure
- Argonne shipments
  - Shielded containers
- Contract in place for procurement of a continuous underground mining machine
- Comms team – AECOM Award
The 2018 Contractor Community Commitment Plan addresses community needs and builds on more than 30 years of investment in Eddy and Lea counties.

<table>
<thead>
<tr>
<th>Critical Area</th>
<th>Volunteerism</th>
<th>Monetary Donations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education</td>
<td>800 volunteer hours</td>
<td>$70,000</td>
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<tr>
<td>City of Carlsbad</td>
<td>100 volunteer hours</td>
<td>$100,000</td>
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<tr>
<td>Economic Development</td>
<td>200 volunteer hours</td>
<td>$200,000</td>
</tr>
<tr>
<td>Community Support</td>
<td>1,100 volunteer hours</td>
<td>$130,000</td>
</tr>
<tr>
<td>Totals</td>
<td>4,400+ volunteer hours</td>
<td>$500,000</td>
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The Young Professionals food drive collected over 36,000 pounds of food for area residents.

Nuclear Waste Partnership joins with local educators, The Assistance League and the Battered Families Shelter to strengthen our communities.
## 2018-2019 Contractor Community Commitment Plan Summary

<table>
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<tr>
<th>Critical Area</th>
<th>Monetary Donations</th>
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<tbody>
<tr>
<td>Community Support</td>
<td>$220,000</td>
</tr>
<tr>
<td>Economic Development</td>
<td>$200,000</td>
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<tr>
<td>Education</td>
<td>$80,000</td>
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<tr>
<td>Monetary Total</td>
<td>$500,000</td>
</tr>
<tr>
<td>Volunteer Hours</td>
<td>2,500</td>
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Air Quality

Underground

• Procurement and testing of:
  • Exhaust trunks - Successful
  • Selective Catalytic Reduction units
  • RYPOS Technology – Reduces hydrocarbons, carbon monoxide and nitrogen dioxide
  • Stand alone filter units to increase underground ventilation
  • Localized face fans

Contact-Handled Waste Bay

• Improvements in Waste Handling Building ventilation air exchanges
  • Increased cycling of the vacuum pump
    • Mixing air and vapors in bottom of Inner Containment Vessel
    • Portable filtered air movers
Shipments

- Total Shipments received (since 1999) – 12,308
- Total Loaded Miles Traveled (since 1999) – 14,733,628
- Shipments received in FY18 – 310
- Shipments received in FY19 – 47
- Loaded miles in FY18 – 401,946
- Total CH Waste Containers Disposed – 174,046
- Total RH Waste Canisters Disposed – 719
Panel 7
Ground Control

- Employee safety is our highest priority

- Core areas maintained according to priorities
  - Core areas include main drifts (E-300, E-140, W-30 and W-170) and cross-drifts

Current Priorities:
- Panel 7, Room 3, preparing for waste emplacement
- E-300 Maintenance Shop
- Panel 8, as mining progresses

- More than 7,000 bolts installed in FY18

- Recently Completed Projects
  - East 300 South (exhaust drift)
  - East 300 North (Enriched Xenon Observatory area)
  - Salt Disposal Investigations (recovering the EIMCO Miner)
Mining Update

11/19/2018–11/25/2018

Panel 8:
- Back Removal S1950
- Broke through to Room 1
- De-Dusters relocated into Panel 8

Mining Resumption
- Cumulative tons = 19,169

Bolting activities this week:
- Performed on an as-needed basis

Legend
- Planned mining
- Probe hole drilled
- Initial mining
- Re-Mine to Clay G
- Rib Trimming
- Initial Air relief hole drilled
- Re-drilled Air relief hole
- Initial bolting completed
• Phase 1 Grading Complete
• Five Construction Trailers Installed
• Phase 2 Grading Underway
  • Required to establish pad for construction
• General contract awarded to Critical Applications Alliance ($135 Million)
• Fabrication Assembly Building subcontract awarded to Christensen Building Group
Utility Shaft/North Access Road Bypass

• Proceeding with CD-3A package
  • Anticipate approval this month
  • Site preparation activities
  • Execution of long-lead procurements
  • North Access Road Bypass

• RFP for Shaft and Drifts will be sent to prospective bidders
  • Provides realistic costs
  • NWP vendor selection
  • Costs included in final CD2/3 package for DOE approval
Annual Maintenance Outage

• Scheduled for Jan. 7–Jan. 27
• Scope of Work includes:
  ➢ Preventative maintenance on electrical substations
  ➢ CH-Bay floor resurfacing
  ➢ RH-Bay refurbishment
  ➢ Underground air line replacement
  ➢ Salt Hoist maintenance, and more!
New NWP Chief Operating Officer

- **Gene Balsmeier**, Chief Operating Officer & Deputy Project Manager
- Previously served as NWP Restart Manager during WIPP’s effort to resume waste handling and emplacement – 2016-17
- Almost 50 years of experience
- Served on three nuclear submarines
- Previous DOE experience at Idaho Cleanup Project, Naval Reactors Facility in Idaho, and Rocky Flats Environmental Technology Site
CBFO Manager’s Update
Todd Shrader
New CBFO Deputy Manager

- **Kirk Lachman**, CBFO Deputy Manager
- Previously served as DOE/EM Deputy Chief for Field Operations, 2017-2018
- Over 27 years of DOE experience
- Underground design, safety, and operations experience since 1991
- Previous DOE experience at Nevada National Security Site and Yucca Mountain Project
CBFO Strategic Planning

- CBFO made commitment to brief public on contents of plan
- Working to align with EM-wide alternatives analyses
- Workshops to be scheduled after first of year
- Meetings in Carlsbad, Albuquerque
Regulatory Activities

• Volume of Record Permit Modification Request

• EPA Compliance Recertification Application - 2019 Submittal

• High Level Waste Definition Proposal

• Findings of No Significant Impact - North Access Road By-Pass Environmental Assessment
Visits & Upcoming Activities

• Congressman-elect Xochitl Torres-Small Visit
• Annual WIPP Legislative Breakfast – January 28, Santa Fe
• Waste Management Symposia – March 3-7, Phoenix, AZ
Questions?