CHBWV Project Update

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Deputy General Manager

Citizen Task Force Meeting
September 23, 2015
# Safety Performance

<table>
<thead>
<tr>
<th>Metric</th>
<th>Current Month</th>
<th>Contract to Date</th>
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<tbody>
<tr>
<td>Total Recordable Case Rate (TRC)</td>
<td>0.0</td>
<td>0.79</td>
</tr>
<tr>
<td>Days Away and Restricted Time (DART)</td>
<td>0.0</td>
<td>0.34</td>
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<tr>
<td>Recordable Case(s)</td>
<td>0</td>
<td>6.0</td>
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<tr>
<td>First Aid Case(s)</td>
<td>1</td>
<td>47</td>
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<tr>
<td>Over 1.5 Million Safe Hours Worked</td>
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## Safety Recognition Celebration

[Image of a celebration event]
Safety Recognition Activities

- Fork Lift Safety Exercise
- Check Out Load-In Facility
- Fitness Training
- Safety Jeopardy
- Remote Operation Drill
DOE-EM Prime Contractor Safety Ranking

2QFY15 (Previous 4 Quarters for Contractors with > 200 Operations and Construction Employees & Subcontractors)

- CH2M Hill/B&W West Valley - WVDP
- CH2M-Washington Group Idaho - ICP
- Savannah River Nuclear Solutions - SRS
- Washington Closure Hanford - RCCP
- Washington River Protection Solutions - TOC
- CH2M Plateau Remediation - Hanford
- Savannah River Remediation - LWDP
- LATA Environmental of Kentucky

DOE-EM Complex Average

- Mission Support Alliance - Hanford
- URS-CH2M Hill-Oak Ridge - ETTP
- Nuclear Waste Partnership - WIPP
- B&W Conversion Services - DUF6
- Fluor-B&W - Portsmouth
- Idaho Treatment Group - AMWTP

Ranked by Total Recordable Injuries per 200,000 Work Hours

[CAIRS Update 04/27/15]
HLW Canister Storage Accomplishments

- Rail Cart to Chemical Process Cell
- Welding Dry Run
- Installed Equipment Decontamination Room Camera
- Cask Lift
- Mission Control
- Dry Run Canister Transfer
HLW Load-In Facility (LIF) Preparations

LIF Modifications

Balance of LIF Runway Floor Plating was Installed (Left) and Grouting Beneath the Plates (Right) was Completed

Completed Cask Transfer Pad
HLW EDR and Tunnel Preparations

- Installed Equipment Decontamination Room (EDR) Soaking Pit Cover
- Core Boring
- Floor Grouting
HLW Equipment Readiness

Air Pallet Testing

Witnessed Rail Cart Load Testing

Vertical Cask Transporter (VCT) Testing and Haul Road Verification was Conducted using an Empty Cask
Waste Operations Accomplishments

Asbestos Debris Shipped to Ohio

Covering on CFMT and MFHT

Degraded Container Over-packed and Shipped to NNSS
Facility Disposition Accomplishments

Liquid Waste Cell Pipe Removal

Extraction Cell Chemical Room (XCR) During and After Cleanup
Facility Disposition Accomplishments

Preparations for Demolition Continue in the Main Plant
(Removed Off-Gas Cell Vessels 6D-6, 6E-3, and 7E-7)
Site Operations Accomplishments

- July 14 Storm Event Response
  - CHBWV – John Rendall
  - NYSERDA – Lee Gordon
- S-09 Re-Route Activities
- Parshall Plume Cleanup

Parshall Plume – Before/After
3M-2 Status

- Motor & gear reducer removed from penthouse
- Gear reducer disassembled
- Salvaged gear reducer and parts obtained
- New gear reducer and parts ordered
- Inspections of remaining system components in process
- Industry, DOE and CH2M SMEs contacted
- Primary path is still repair/replace gear reducer
- Alternatives being vetted include alternate motor/gear drive, jacking and crane lift
Questions?