



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**

CHBWV Project Update

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Deputy General Manager

**Citizen Task Force Meeting
September 23, 2015**

Safety Performance

Metric	Current Month	Contract to Date
Total Recordable Case Rate (TRC)	0.0	0.79
Days Away and Restricted Time (DART)	0.0	0.34
Recordable Case(s)	0	6.0
First Aid Case(s)	1	47
Over 1.5 Million Safe Hours Worked		

Safety Recognition Celebration



Safety Recognition Activities



Fork Lift Safety Exercise



Check Out Load-In Facility



Fitness Training



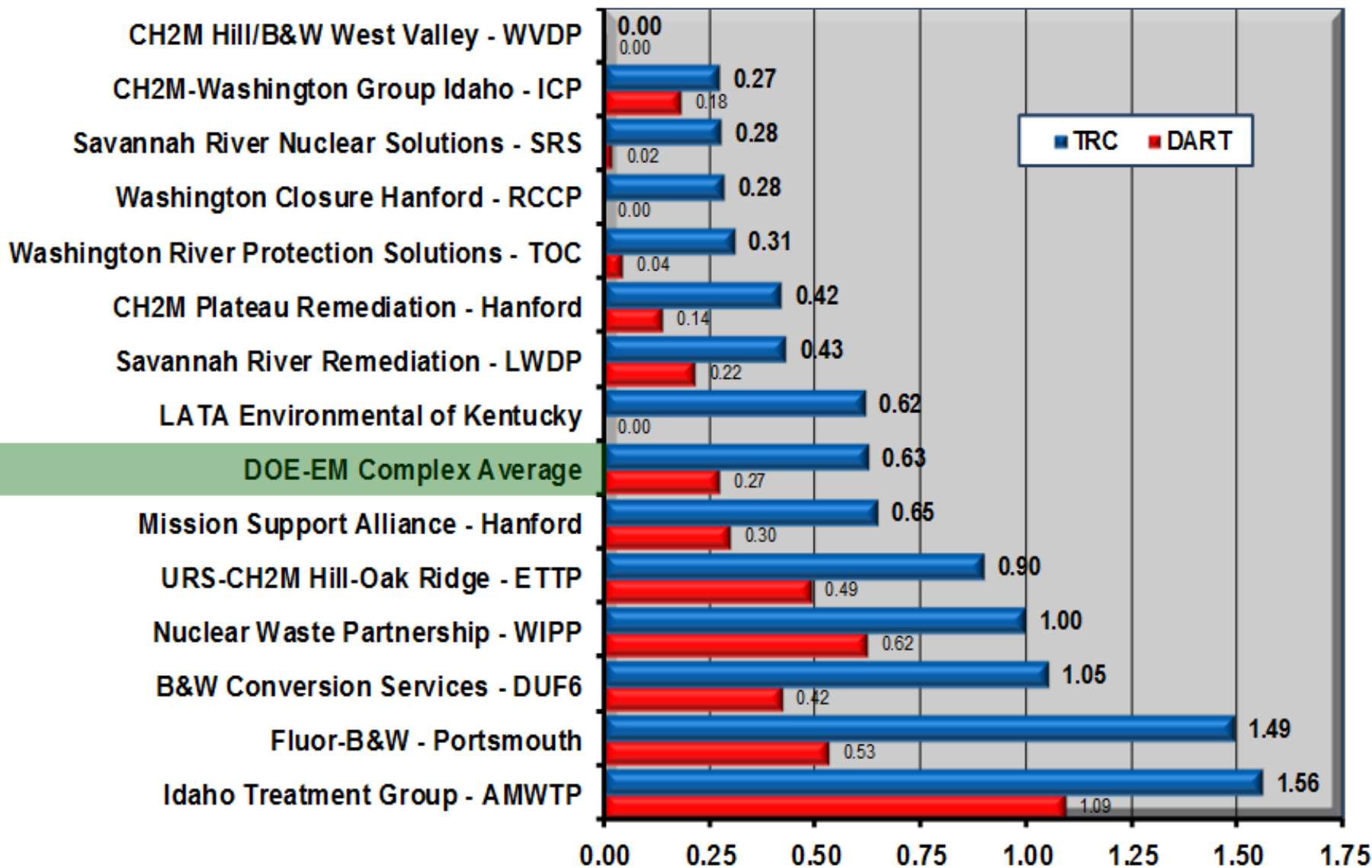
Safety Jeopardy



Remote Operation Drill

DOE-EM Prime Contractor Safety Ranking

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



Ranked by Total Recordable Injuries per 200,000 Work Hours

[CAIRS Update 04/27/15]

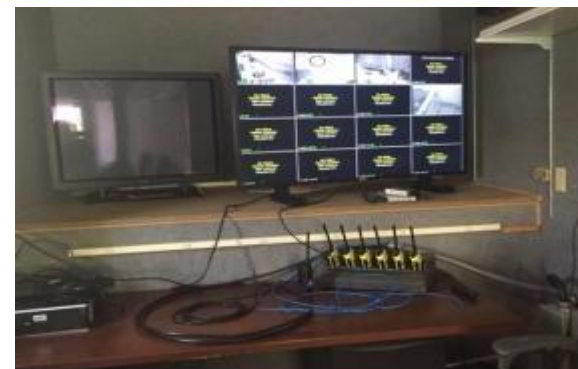
HLW Canister Storage Accomplishments



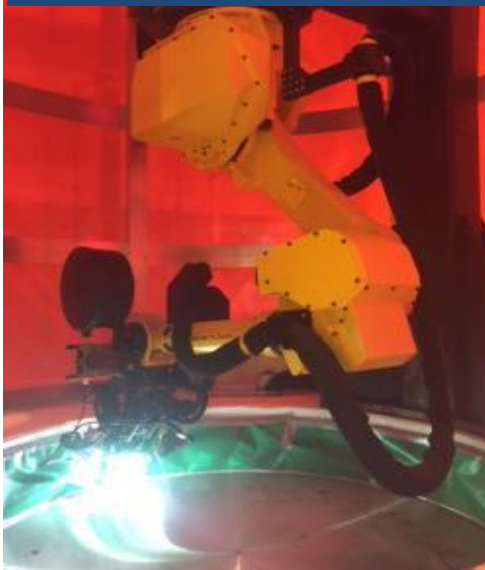
Rail Cart to Chemical
Process Cell



Installed Equipment
Decontamination Room Camera



Mission Control



Welding Dry Run



Cask Lift



Dry Run Canister Transfer

HLW Load-In Facility (LIF) Preparations



LIF Modifications



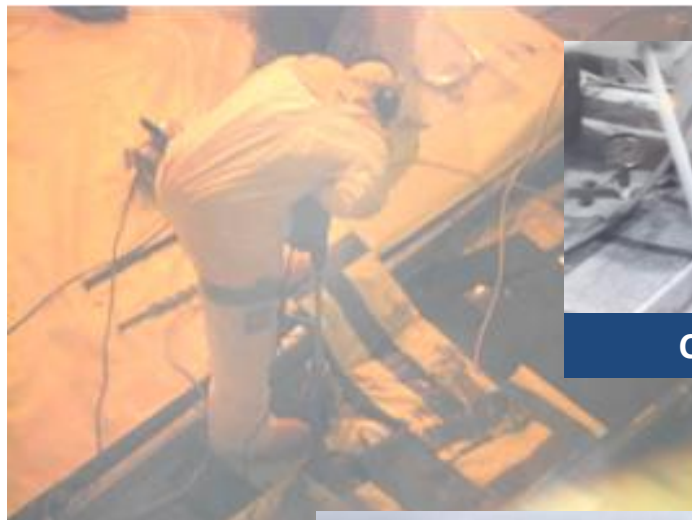
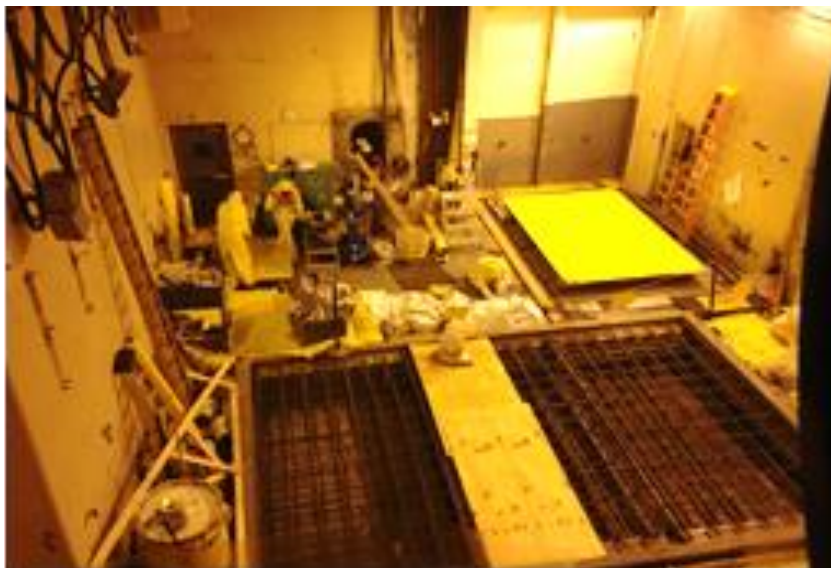
23.06.2015 11.18

Completed Cask Transfer Pad



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

HLW EDR and Tunnel Preparations



Core Boring



Installed Equipment Decontamination Room (EDR)
Soaking Pit Cover



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 NNS

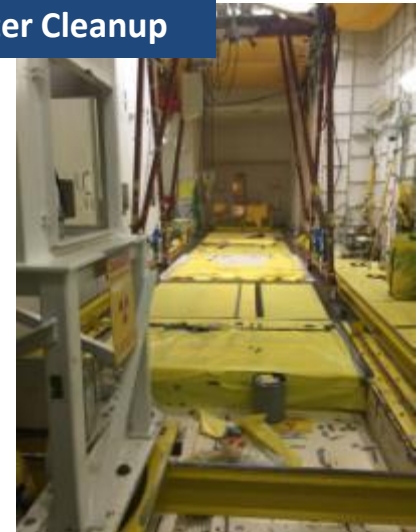
Facility Disposition Accomplishments



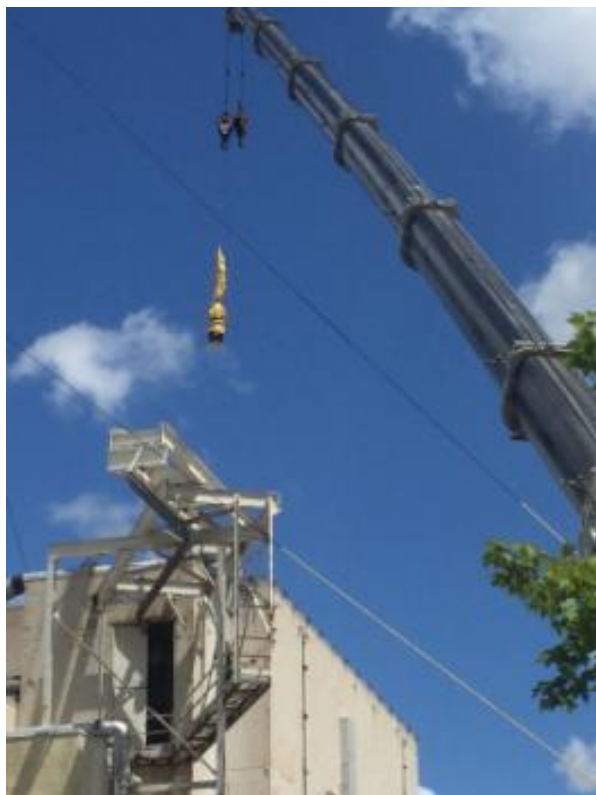
Liquid Waste Cell Pipe Removal



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



S-09 Re-route Project



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



Damaged Planetary and Ring Gear



Motor Gear Reducer Removal

Questions?