



Blue Grass Chemical Agent-
Destruction Pilot Plant

Monthly Status Briefing

November 2010



BGCAPP

Blue Grass Chemical
Agent-Destruction Pilot Plant

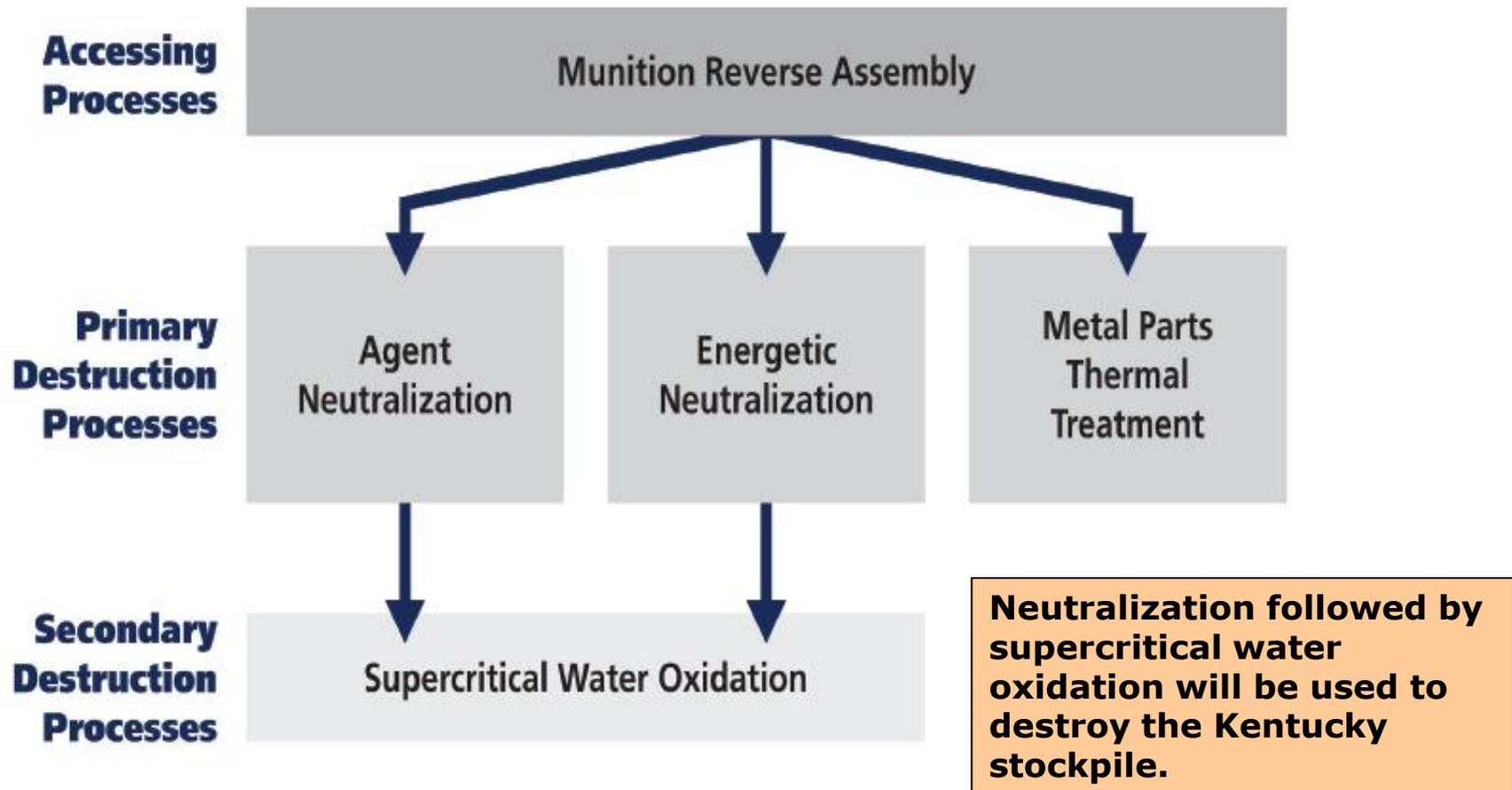
A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION

Project Background

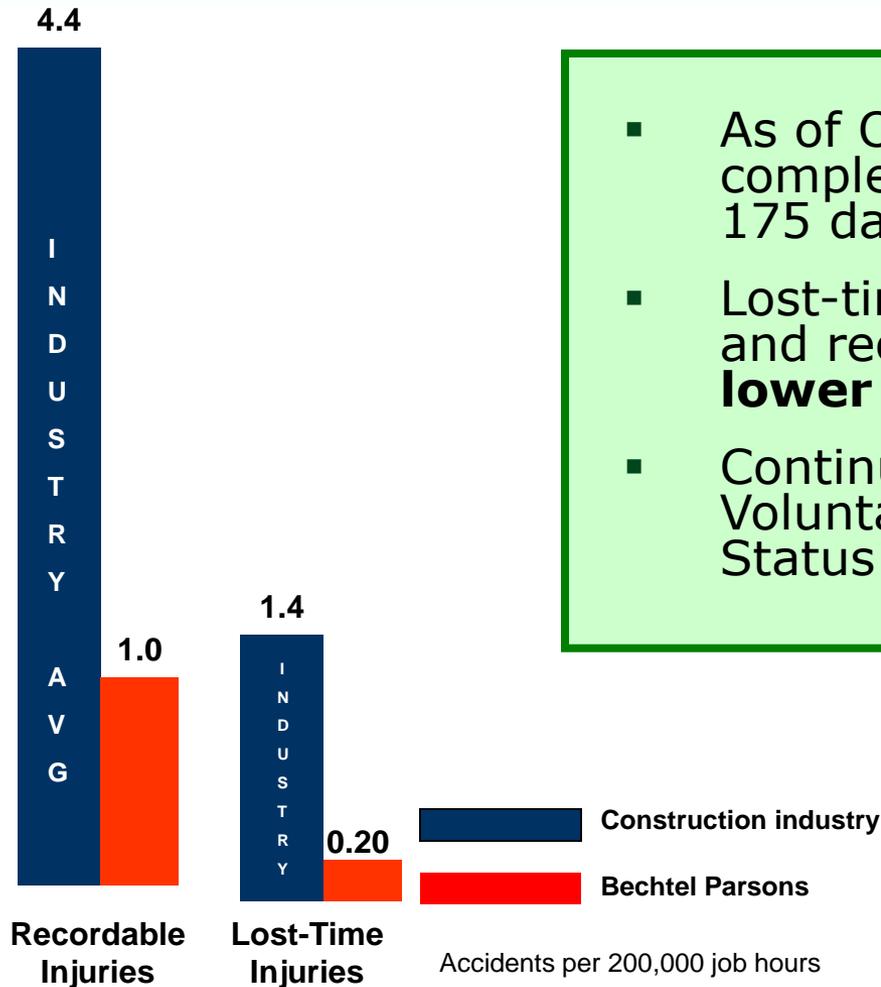
- The Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) will safely destroy 523 tons of chemical agent in rockets and artillery projectiles stored at the Blue Grass Army Depot in Richmond, Kentucky.
- The technology selected by the Department of Defense to destroy the Blue Grass chemical weapons stockpile is neutralization followed by Supercritical Water Oxidation (SCWO).
- The Program Manager, Assembled Chemical Weapons Alternatives (ACWA), headquartered at Aberdeen Proving Ground, Maryland is responsible for managing all aspects of the safe and environmentally sound destruction of the chemical weapons stockpiles in both Kentucky and Colorado.
- The Bechtel Parsons Blue Grass Team, a joint venture of Bechtel National, Inc. and Parsons Infrastructure and Technology Group, along with teaming partners URS Washington Division, Battelle Memorial Institute, General Atomics and General Physics, is the systems contractor selected to design, build, systemize, pilot test, operate and close the BGCAPP.



Destruction Technology



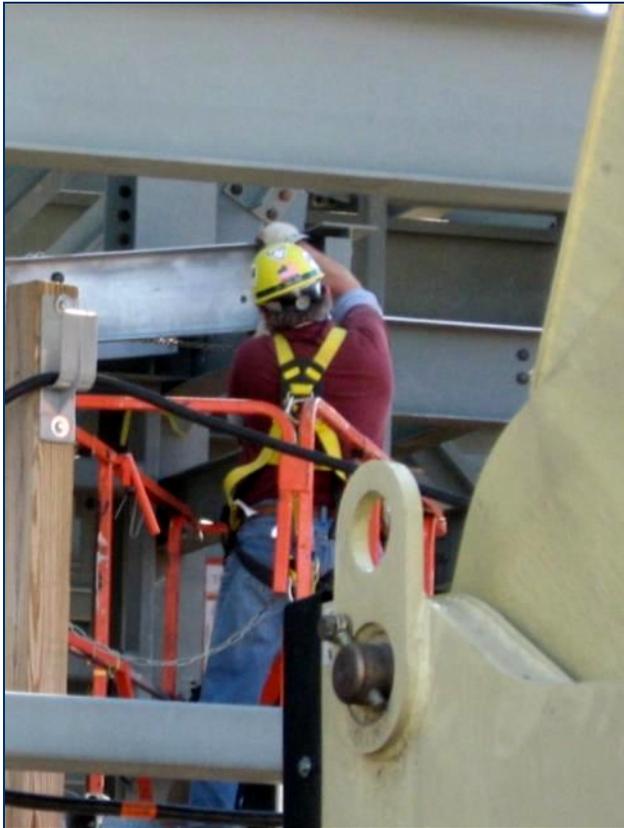
Safety



- As of October 31, 2010, the project has completed 632,598 project hours and 175 days without a lost time accident.
- Lost-time injury rate **86 percent lower** and recordable injury rate **78 percent lower** than industry average
- Continued progress toward OSHA Voluntary Protection Program Star Status



Current Project Staffing



BGCAPP Worker installing stairs for Control and Support Building.

- **Total project employment 748**
- **Richmond, Ky., 623:**
 - Nonmanual – 367
 - Craft – 256
 - 52 percent local hires
- **Other locations - 125**
 - Pasco, WA
 - San Diego, CA
 - Columbus, OH
 - Frederick, MD

Construction Work in Progress

- **Munitions Demilitarization Building (MDB)**
 - Blast walls
 - Structural steel
- **Control Building**
 - Electrical system
 - Piping systems
 - Interior walls
 - Roofing and siding
- **Fire Water Pump House**
- **Utility Building (UB)**
 - Interior walls
 - Electrical systems
- **Supercritical Water Oxidation (SCWO) Building**
 - Concrete works

Workers install roof trim on the UB.



Workers grouting in the MDB.

Munitions Demilitarization Building (MDB)



The first concrete lift of the energetics batch hydrolyzer (EBH) room is complete. Construction crews are now preparing for the second elevation.



Work crews are concentrating on rebar/embeds for the next concrete placement.

Control and Support Building (CSB)



Workers installing cable tray in the CSB.

Utility Building (UB)



Dry wall installation progresses on the Utility Building which will house equipment to produce steam, compressed air, chilled water and hot water for plant operations. The Utility Building is being constructed by M. P. Kelly Construction Company of Richmond.

Supercritical Water Oxidation (SCWO) Building



Equipment pads are being placed for the SCWO Building.

Economic Impact

■ ACQUISITIONS

- More than \$66.7 million spent with Kentucky companies of which \$40.6 million has been spent in Madison and surrounding counties

■ PAYROLL

- Approximately \$177 million of local payroll to date
- More than \$450 million more to be paid remainder of project

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