

Monthly Status Briefing

May 2010



Blue Grass Chemical Agent-Destruction Pilot Plant

BGCAPP
Blue Grass Chemical
Agent-Destruction Pilot Plant

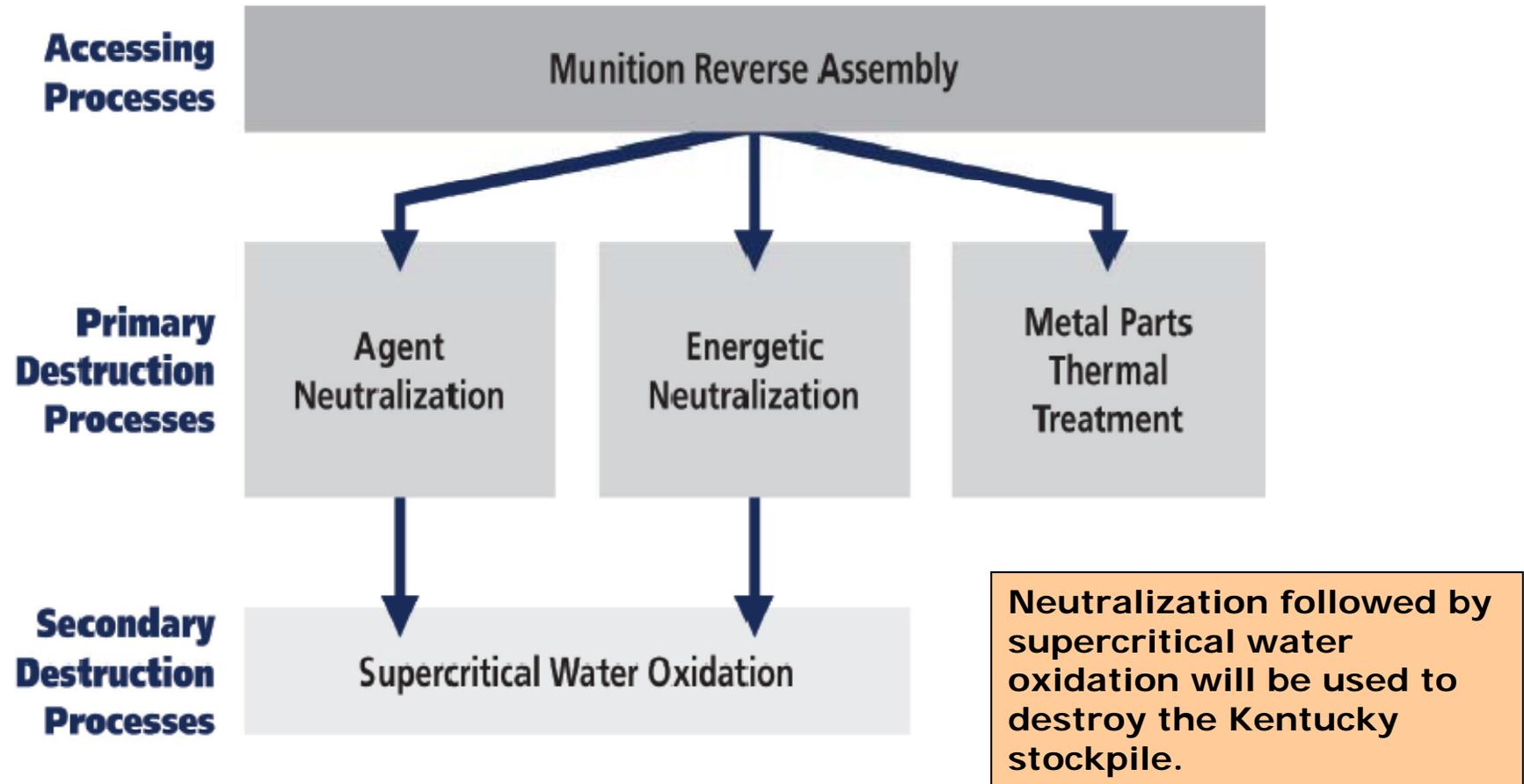
A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION

Project Background

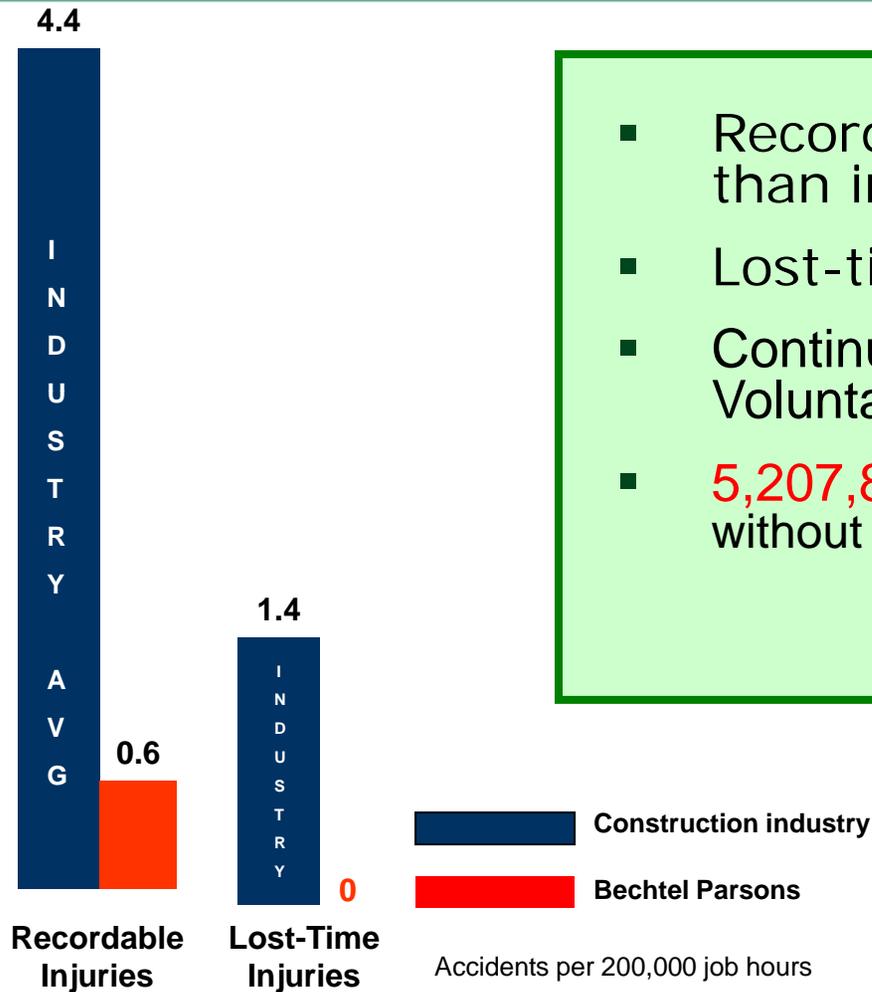
- The Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) will safely destroy 523 tons of chemical agent in rockets and artillery projectiles stored at the Blue Grass Army Depot in Richmond, Kentucky.
- The technology selected by the Department of Defense to destroy the Blue Grass chemical weapons stockpile is neutralization followed by Super Critical 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



- Recordable injury rate **85% lower** than industry average
- Lost-time injury rate **zero**
- Continued progress toward OSHA Voluntary Protection Program Star Status
- **5,207,838 job hours** and **2,520 days** without a lost-time injury as of March 31, 2010



Employment and Subcontracting



- Project employment in Kentucky - 557
 - Nonmanual – 351
 - Construction – 206
- 50 percent of the project staff have been hired from local area
- More than \$61 million spent with Kentucky firms since project's inception

Engineering is 99% Complete

Complete

- ✓ Munitions Demilitarization Building
- ✓ Control and Support Building
- ✓ Super Critical Water Oxidation Process Building
- ✓ Laboratory
- ✓ Underground Utilities
- ✓ Access Control Building
- ✓ Gas Mask Storage Building
- ✓ Maintenance Building
- ✓ Personnel Support Building
- ✓ Maintenance Building
- ✓ Integrated Control System
- ✓ Fire Protection System
- ✓ Above Ground Utilities
- ✓ MDB Filter Area
- ✓ Lab Filter Area
- ✓ Utility Block
- ✓ Container Handling Building
- ✓ Hydrolysate Storage Area

To go

- Entry Control Facility (September, 10)
- Electronic Security System (June, 10)
- Standby Diesel Generators (May, 10)



Construction -- Work Completed

- Metal Parts Treater assembly
- Control and Support Building horizontal concrete and structural steel
- 138kV transmission line and electrical substation
- High-mast lighting
- Personnel Support Building
- Maintenance Building
- Access Control Building and Associated Facilities
- Access Road
- Perimeter Fencing



Foundation work is complete and structural steel is being erected for the Utility Building.

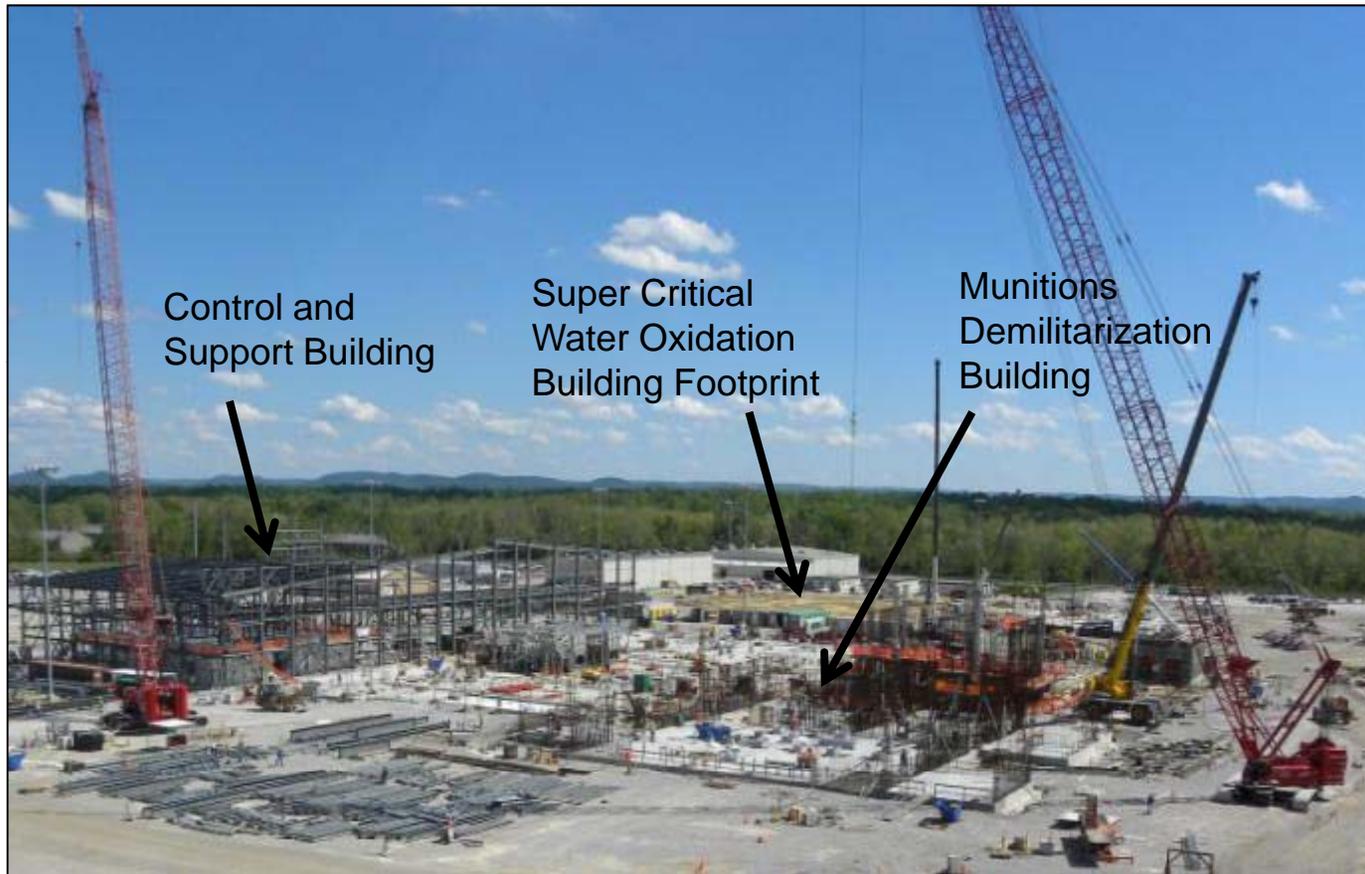
Construction -- Work in Progress



Concrete is pumped into forms for the first wall to be installed in the Munitions Demilitarization Building.

- Munitions Demilitarization Building blast walls and foundations
- Utility power centers
- Fire water pump house
- Utility Building
- SCWO building earthworks

Site Overview – May 4, 2010



Work is in progress on all three of the main processing buildings.

First MDB Walls Completed



The first vertical concrete placement in Munitions Demilitarization Building was completed April 30.

SCWO Building



Excavation began in April for the Super Critical Water Oxidation (SCWO) building. The SCWO process will treat secondary liquid waste known as hydrolysate, which is generated from the neutralization process.

Firewater Pump House



Work continues on the fire water pump house, which will supply the plant with water from two 250,000-gallon tanks.



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OPSEC completed 12 May 2010