**Overview**

- PFP did final step in processing plutonium for weapons
- Manufactured plutonium metal from plutonium solutions
- Became extremely contaminated during 40 years of operation
- PFP complex had 63 buildings inside 15-acre fenced “Protected Area” when cleanup began

**Accomplishments**

- Completed Hazards Condition Report and work plan for Z-9 Crib structures, early 2008
  - Characterized structures with specially built robot
- Disposed of large inventory of waste containers, September 2007
  - Shipped over 1,000 containers holding more than 600 cubic meters of waste

**The Challenge**

- Stabilize and repackage 20 tons of plutonium-bearing material before starting D&D
- Remove additional legacy plutonium material “held-up” in equipment
- Clean out more than 200 gloveboxes and “hoods”
- D&D and demolish more than 45 buildings
- Deinventory the PFP

**Fluor Hanford**

**Plutonium Finishing Plant Closure Project**

**Spring 2008**
Completed cleaning out South Canyon Airlock of Plutonium Reclamation Facility, July 2007

- Now draining acid lines; part of safe lay-up of PRF, awaiting D&D

Demolished 241-Z Liquid Waste Facility, 2007

- Cleaned out 5 highly contaminated tanks and vaults under the building before it was demolished

Demolished 232-Z Plutonium Incinerator Facility, 2006

- Parts of facility were the most contaminated in the nation

Stabilized and repackaged 20 tons of plutonium-bearing material, 2000-2004

- Met all commitments to Defense Nuclear Facilities Safety Board and Tri-Party Agreement early

What’s Next

- Complete cleaning out major glovebox in 234-5Z glovebox, May 2008
- Remove first glovebox in modern D&D campaign from main PFP Building, September 2008
- Continue to ship plutonium to Savannah River Site, 2007-2009

Our Goal Is Zero Accidents!