

# ***Savannah River Recovery Act Program***

***Office of Environmental Management  
Savannah River Operations Office  
Savannah River Site  
Aiken, South Carolina***



## ***Savannah River Site Citizens Advisory Board Meeting***

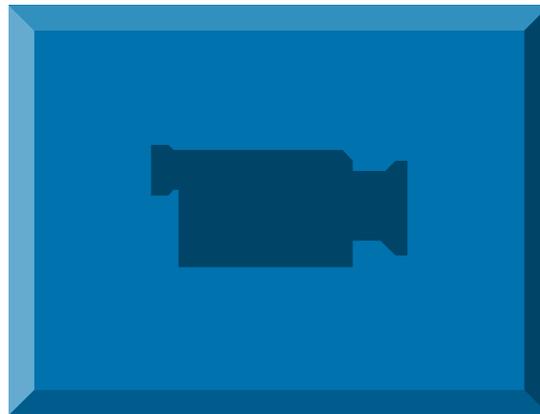
### ***Update on Savannah River Recovery Act Program***

November 16, 2010

Presented by

Rod Rimando, Deputy Director  
Savannah River Recovery Act Program

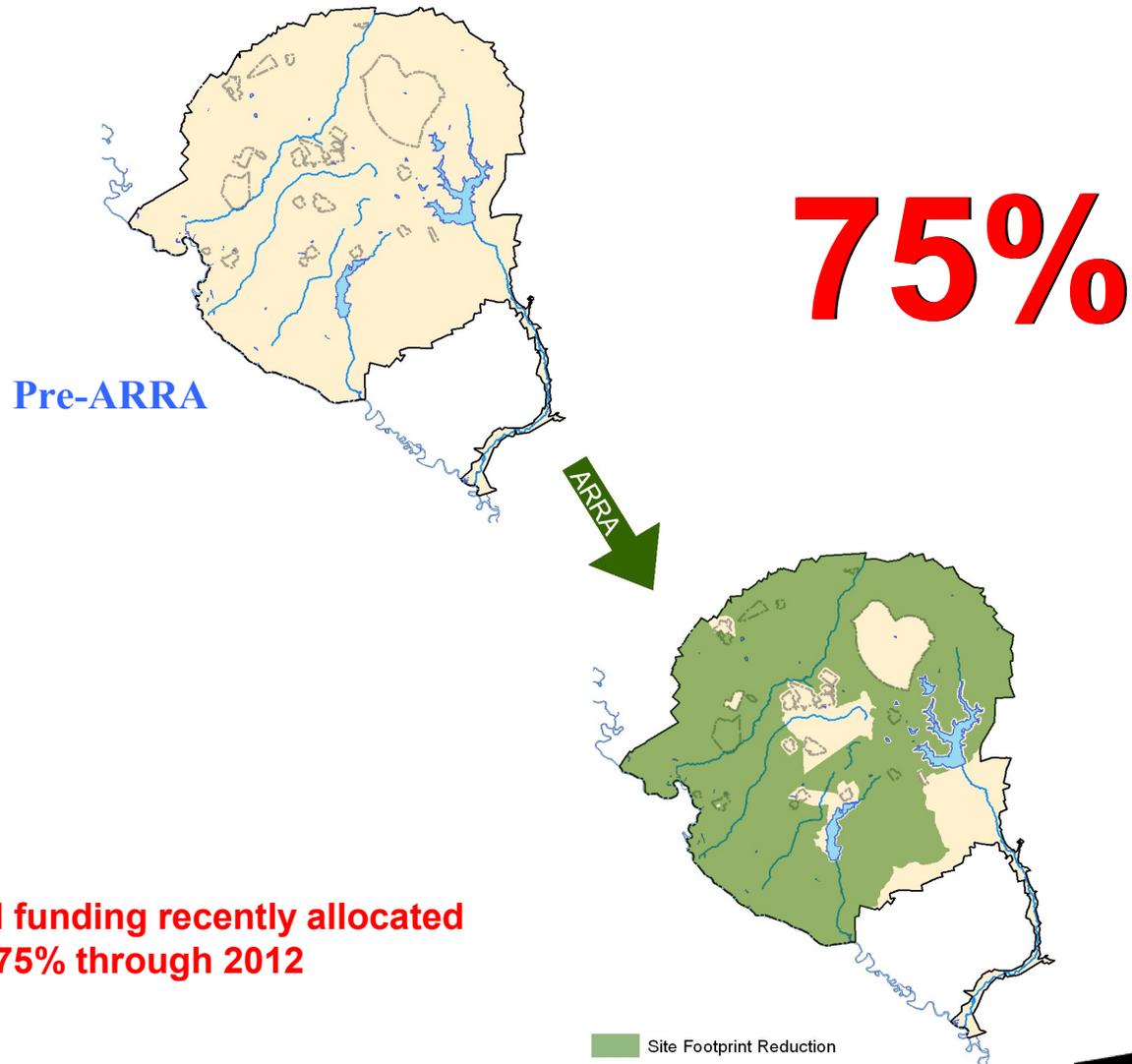
# ARRA Progress



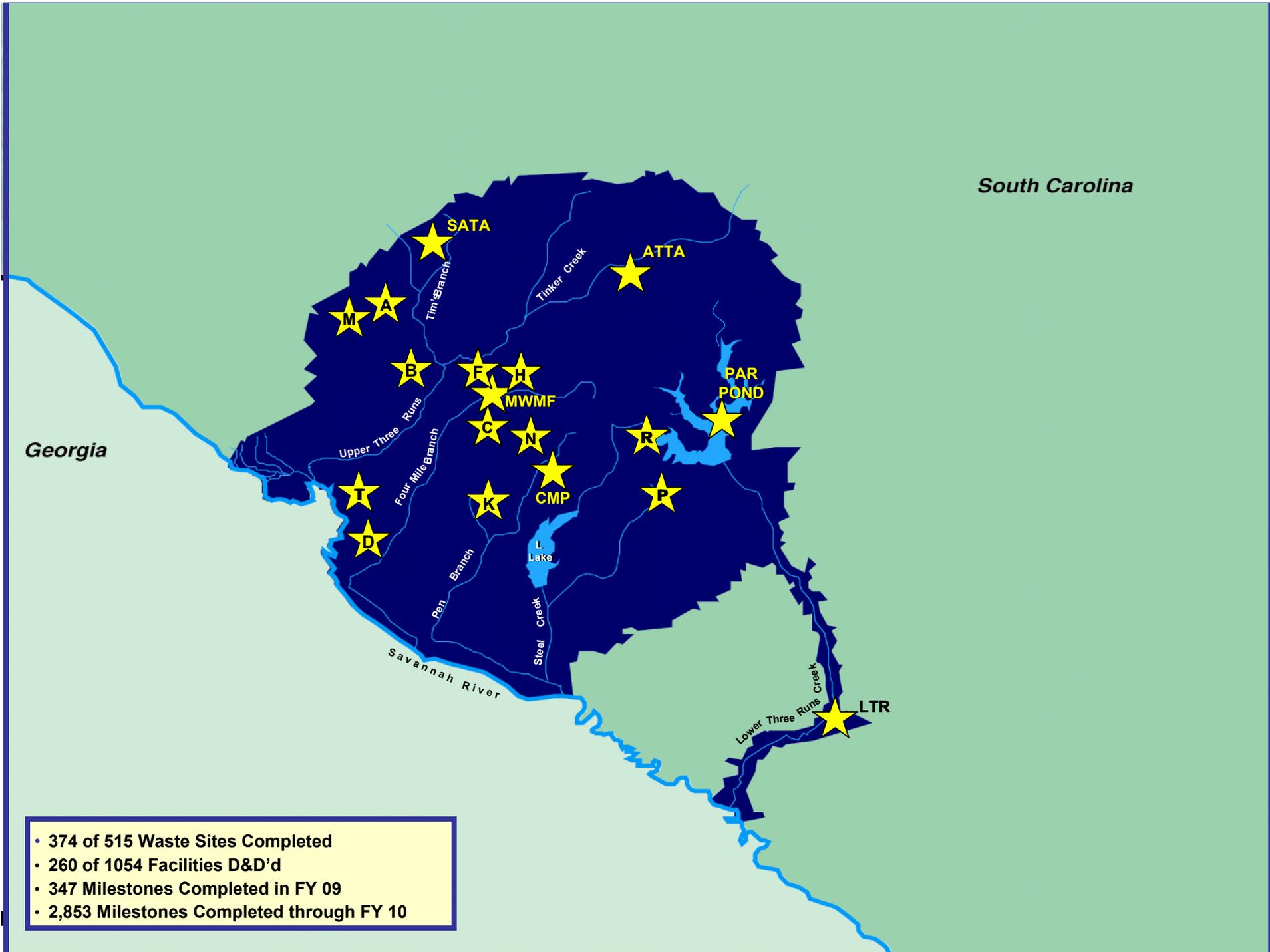
doe\_em\_arra\_progress\_final2.mp4

- ❖ **Savannah River Nuclear Solutions, LLC (SRNS)**
  - **Total Recovery Act dollars spent to date= \$726 M**
  - **Total Recovery Act contracts awarded = \$389 M**
    - **Total Small Business contracts awarded = \$269 M**
    - **Local contracts awarded = \$155 M**
  
- ❖ **Savannah River Remediation (SRR)**
  - **Total Recovery Act dollars spent to date= \$98 M**
  - **Total Recovery Act contracts awarded = \$51.5 M**
    - **Total Small Business contracts awarded = \$28.5M**
    - **Local contracts awarded = \$23.9M**
  
- ❖ **Achieved Goal of 3,000 Jobs**
  - **3,669 Cumulative Jobs**

# Footprint Reduction



**\*Note: Additional funding recently allocated achieves 75% through 2012**



# Liquid Waste

- ❖ **Completed 12- 41 projects**
  - **Waste Treatment**
    - 3 Completed, 8 to go
  - **Salt Disposition Integration**
    - 2 Completed, 10 working
  - **Tank Closure Infrastructure**
    - 6 Completed, 8 working
  - **Facility Operation**
    - 1 Completed, 3 working



# P&R Reactor



## P Reactor

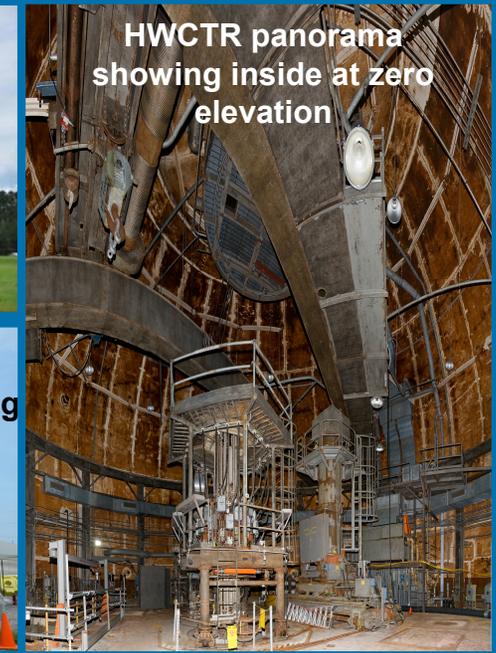
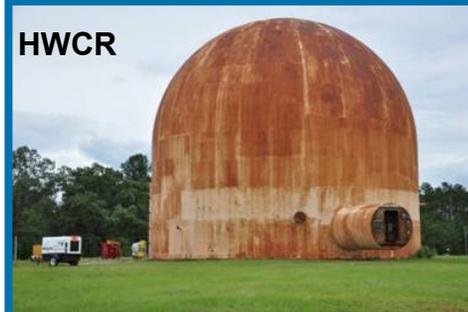
- Grouted 83,809 cubic yards in building
- Grouted 10,024 cubic yards in disassembly basin
- Evaporated 3,970 K gallons water in disassembly basin

## R Reactor

- Grouted 36,621 cubic yards in building
- Grouted 29,623 cubic yards in disassembly basin

# HWCTR

- ❖ Remove and dispose of: dome, reactor vessel, steam generators, and all above grade equipment
- ❖ Fill below grade with grout
- ❖ Concrete cap



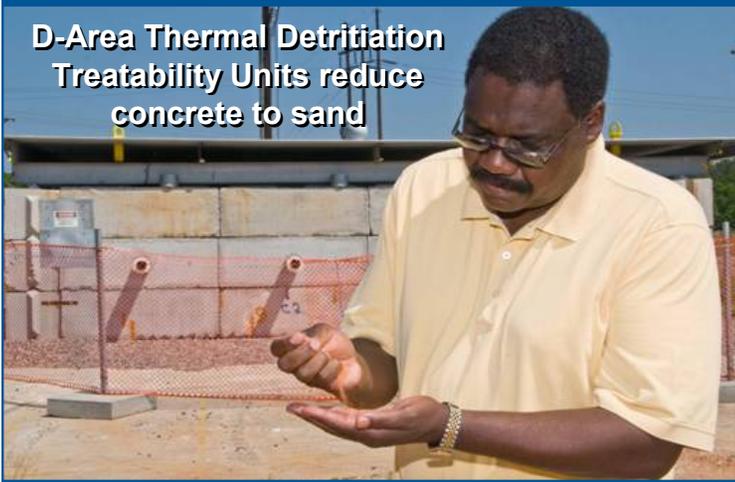
- ❖ 929 cubic meters of TRU shipped to date
- ❖ 1,980 cubic meters of TRU processed to date
- ❖ 5 Low Level Waste disposal trenches will be closed by the ARRA project
  - 5 targeted trenches filled with waste
  - 2 operational covers in construction progress



**Low Level Waste for onsite disposal being put into slit trenches**

# D-Area Operable Unit Progress

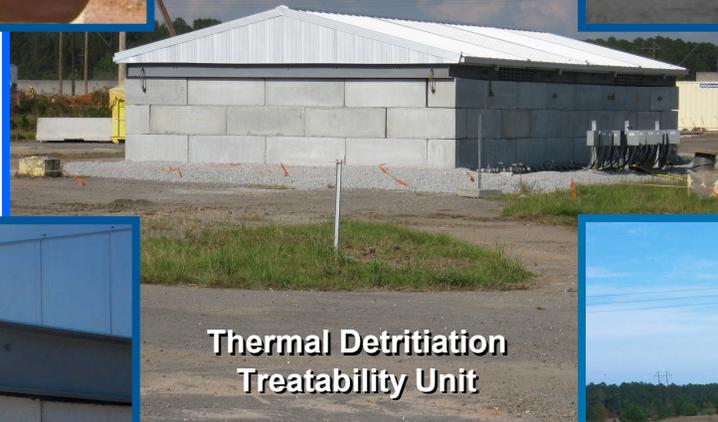
D-Area Thermal Detritiation  
Treatability Units reduce  
concrete to sand



Completed PCB Coating Removal at 420-D  
Slab



Thermal Detritiation  
Treatability Unit



Three new Thermal  
Detritiation Treatability  
Units constructed and  
loaded with contaminated  
soil / concrete



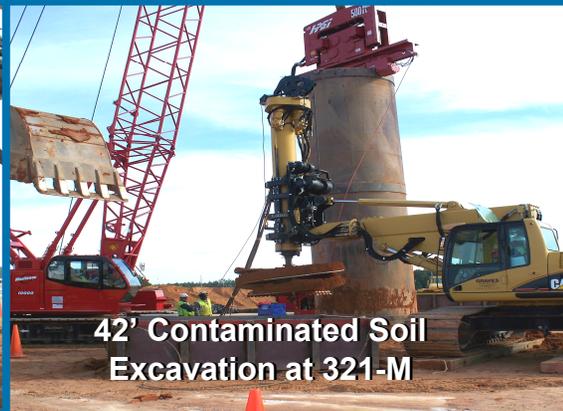
D-Area Bubble Tower Remedial Actions  
Completed



# M-Area Operable Unit Progress



30' Soil Borings at Process Sewer Tie-In



42' Contaminated Soil Excavation at 321-M



Completed PSVE Well Heads



D&D of 23 buildings completed



M Area PSVE Piping of Treatment-Cell #1

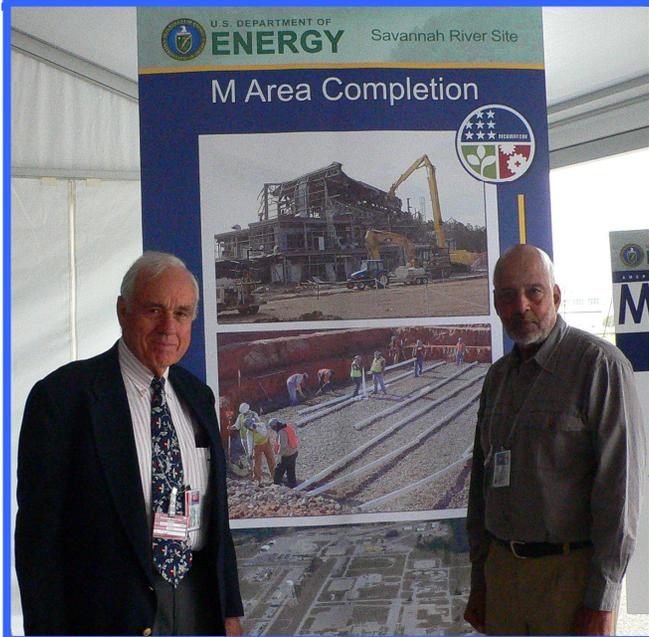


ACP and the regulators completed a walkdown of MAOU prior to submitting the Post-Construction Report



313-M

# M Area Completion Celebration





Removal of concrete pads at SATA



221-F Capping



During

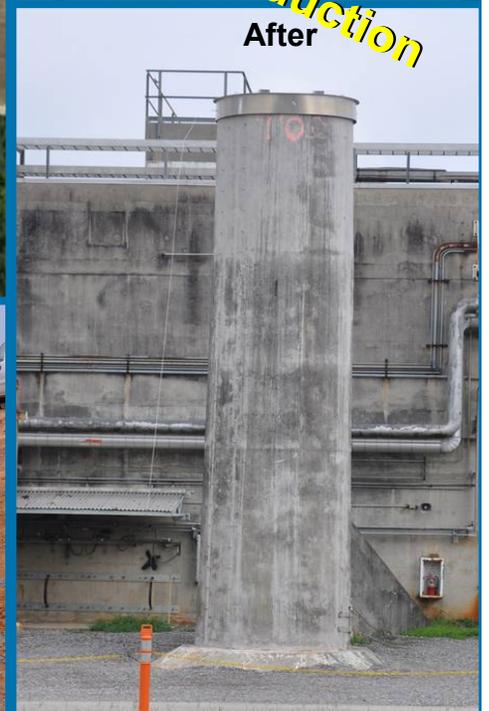
293-F Stack  
Height Reduction



Contaminated soil from SATA transported to rail cars



H-4 Drainage Basin



After



H Area Base Injection System



ACP continues H-4 Basin Drainage Channel Upgrades



**710-B Demolition**



**M-Area Chemical Oxidation**



**K-Cooling Tower**



**T Area  
Erosion  
Control**



**Lower Three Runs Completed  
Six Months Ahead of Schedule**



**ECODS B-3 & B-5  
Waste  
Characterization Complete**



**CMP Pits**



**Gunsite 012  
After**

# Meeting Objectives

- ❖ **Employing people**
- ❖ **Contributing to local economy**
- ❖ **Getting real work done**
  - **Footprint Reduction**
  - **TRU Disposition**

