Briefing Topics

- **BGRR**
  - Graphite removal completion and celebration
  - Biological shield
  - Engineered cap

- **HFBR**
  - Stabilization
  - Underground utilities
  - Fan houses
  - Stack
Graphite Pile Removal Project in 2 Minutes
Graphite Pile Removal Complete
BGRR Celebration – Press Conference
BGRR Celebration – Tour
BGRR Bioshield
BGRR Preparations for Bioshield Removal
BGRR Preparations for Bioshield Removal
BGRG -- Look Ahead

- Achieve ROD End State by Sept 2011
- Complete by 6/2011
  - Remove biological shield
  - Install engineered environmental cap and monitoring system
HFBR Operations – Reactor Confinement Building – Experimental Level
HFBF Stabilization – Reactor Confinement Building – Experimental Level
HFBR Stabilization – Reactor Confinement Building – Equipment Level
HFBR Stabilization – Reactor Confinement Building – Operations Level
HFBR Stabilization – Reactor Confinement Building – Leak Detection
HFBR Stabilization – Reactor Confinement Building – Lights Off, Door Locked
HFBR Stabilization – Reactor Confinement Building – Lights Off, Door Locked
HFBR Stabilization – Final Status
Survey of Outside Area
Excavation of HFBR Underground Air Exhaust Duct
Survey of Excavated HFBR Underground Duct
Fan House (Building 704) Demolition
Fan House Demolition
Fan House Below Ground Structure Demolition
Fan House Site Restoration
Stack Demolition

- Demolition contract awarded
- Contractor mobilization underway
- Mast climber system to support work platform
- Hoist system to move equipment and personnel
HFBR -- Look Ahead

Achieve ROD Long-term Intermediate End State by September 2011

- Completed Confinement Building stabilization and shifted to low maintenance state – 8/25/2010 – complete transition to EPD and SC in 2011
- Completed Fan House 704 demolition (10/2010)
- Complete Underground Utilities (2/2011)
Skyline Changes – September 2011
ARRA Funding – Opportunities and Challenges

- Original ARRA Funding $42M
- Success has created added ARRA Funding
  - Total ARRA $70.8M
- Additional funding comes with added scope and accelerated completion
  - Meet HFBR and BGRR ROD states Sept 2011
  - New work sequencing
  - More work simultaneously
  - More integration for common real estate
  - Waste shipment and disposal