BGRR Projects & ESD

Diane Rocco
Director, Environmental Restoration Projects

January 2012
Record of Decision

- CERCLA process allows changes to the ROD
- Explanation of Significant Differences is implementing document
- No suspension of work required

BGRR Bioshield Wall Removal

- Removal of last three feet below floor level very difficult
- Dose consequence and significant schedule impact
- Less than 0.5% of activity in wall remains
- No change to ROD commitment for Activity Removal
Explanation of Significant Difference - Draft

- Remaining material protected within building and under concrete floor pour.
- Isolated from any contact with groundwater.
- The maximum dose in the area currently < 0.05 mR/hr
- Floor pour was pulled forward due to suspension of aerial work (due to accident)
- State and EPA were consulted and agreeable
- Draft ESD is currently with them for concurrence
• Bioshield Enclosure: 55’ Long by 37’-6” Wide by 33’-7” High
• Bioshield Wall construction: 6” interior steel, 4’-3” concrete, 3” ext. steel
Introducing the New Holland Excavator
Biological Shield Demolition – 10/2

10/2/2011  2:55
Biological Shield Demolition – 10/10
Biological Shield Demolition – 10/28

10/28/2011 06:52
BGRB Schedule

- Aerial work suspended after accident
- Non-aerial work moving forward
  - Concrete removal complete,
  - Inner steel removal is complete,
  - Gradall and New Holland excavators removed from the building
  - First pour of concrete complete, dose consistent with target goals.
- Process to resume aerial work after accident underway
  - Investigation Report issued final 12/22,
  - Corrective Action Plan is in preparation.
  - Resumption assumed to be next week
Farewell to the New Holland
What's Next?

- Resume aerial work
- Cut out the South Wall center section
- Remove the Tent around the bioshield area
- Bring down the crane and supporting steel framework
- Support the uncontaminated and unactivated East Balconies
- Cut down the rest of the exterior steel
- Remove at least five feet of the East Balconies
- Pour a final concrete floor over the Bioshield footprint