Savannah River Site
Citizens Advisory Board Meeting

Update on
Savannah River Recovery Act Program

May 25, 2010

Presented by
Zack Smith, Director
Savannah River Recovery Act Program
Recent Successes

- **TRU**
  - 432 cubic meters repackaged (Jan-April 2010)
  - 800 cubic meters disposed of to date under ARRA
  - Grand Total of 6,777 cubic meters disposed of from site (Since May 2001)

- **HWCTR**
  - Issued EE/CA and Action Memo (March 2010)
  - Grouting the Spent Fuel Pool (April 2010)

- **P-Reactor**
  - Startup of P Disassembly Basin water evaporators

- **R-Reactor**
  - Completed grouting 1 section of the R Disassembly Basin (March 2010)
    - Discharge and Exit Canal
  - Awarded the final 2 contracts for completion of decommissioning R Area (April 2010)
    - Stack removal and grouting placement
    - Sealing the building and modification of roofs

- **M-Area**
  - Soil Remediation field work completed (April 2010)
Performance Evaluation & Measurement Plan
PEMPEM-- What is to be achieved

- **FOOTPRINT REDUCTION → 67%**
  - Complete ER and D&D
  - Achieve “area completions”
  - Includes in situ decommissioning of the three reactors

- **LEGACY TRU → Disposition 5,000 cubic meter**
  - Disposition 5,000 cubic meters
  - Maintain feed rate to WIPP

- **LEGACY TRU → Disposition final 200 cubic meters “very difficult”**
  - Super Stretch for dispositioning 200 cubic meters
TRU Scope Comparison

April 2009 Scope

- 1,620 cubic meters packaged and shipped in small containers
- 2,880 cubic meters staged for packaging

April 2010 Scope

- 5,000 cubic meters packaged and shipped in small containers
- Very Difficult Waste Plan
- Aggressive size reduction of 3,380 cubic meters
  - Increased Workfronts
  - Increased Shift Work
  - Facility Upgrades
  - Contamination & Dose Risk
<table>
<thead>
<tr>
<th>Project</th>
<th>Current Apportionment</th>
<th>Re-distribution Request</th>
<th>Proposed Apportionment</th>
</tr>
</thead>
<tbody>
<tr>
<td>P&amp;R Areas Completion</td>
<td>$478,400,000</td>
<td>($74,137,050)</td>
<td>$404,262,950</td>
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<td>M&amp;D Areas Completion</td>
<td>$104,000,000</td>
<td>($82,650,598)</td>
<td>$21,349,402</td>
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<td>Soil &amp; Groundwater Sitewide</td>
<td>$292,000,000</td>
<td>($62,816,015)</td>
<td>$229,183,985</td>
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<tr>
<td>TRU &amp; Solid Waste</td>
<td>$541,000,000</td>
<td>$219,603,663</td>
<td>$760,603,663</td>
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<td>Liquid Waste (SRR Scope)</td>
<td>$200,000,000</td>
<td>$0</td>
<td>$200,000,000</td>
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<td><strong>Total</strong></td>
<td><strong>$1,615,400,000</strong></td>
<td><strong>$0</strong></td>
<td><strong>$1,615,400,000</strong></td>
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Summary

- Major progress achieved under ARRA
  - TRU- 800 cubic meters disposed of to date
  - P, R and HWCTR closure activity underway
  - M-Area soil remediation field work completion

- Aggressive/ Manageable plans for continued progress
  - PEMP
  - Re-Apportionment
  - Focused
    - Footprint Reduction
    - TRU Disposition