Savannah River Remediation Overview

July 28, 2009

Jim French, SRR President and Project Manager

SRS Citizens Advisory Board Meeting
Safety/Security

• Still THE priority
• Slow and steady out of the gate to ensure distractions don’t become injuries
• SRR will continue the SRS safety tradition
• Security is like safety: SRR will keep it front and center.
<table>
<thead>
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<th>Company</th>
<th>Roles and Achievements</th>
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<tr>
<td>URS</td>
<td>• Managing LLC Member&lt;br&gt;• Leader in HLW Management and ISMS</td>
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<tr>
<td>Bechtel</td>
<td>• #1 U.S. EPC Contractor for 9 years</td>
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<td>CH2M Hill</td>
<td>• #1 U.S. Environmental Firm</td>
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<td>B&amp;W</td>
<td>• Leader in U.S. nuclear facilities operation</td>
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<td>AREVA</td>
<td>• Integrated subcontractor&lt;br&gt;• Leader in vitrification/enhanced chemical cleaning</td>
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<td>Energy Solutions</td>
<td>• Critical subcontractor&lt;br&gt;• Vitreous State Lab and LLW Solidification</td>
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<td>Washington Safety</td>
<td>• Critical subcontractor&lt;br&gt;• AB and Related Programs</td>
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<td>Management Solutions</td>
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SRR Leadership

President and Project Manager
Jim French

Senior Technical Advisor
John Dickenson

Public Affairs
Dean Campbell

Engineering
Cliff Winkler

Planning, Administration, and Business Services
Sandra Fairchild

Human Resources
Machell Mims

Deputy Project Manager and Operations
Dave Olson

Waste Removal and Tank Closure
Mark Hasty

DWPF Operations
Steve Wilkerson

Tank Farm Operations
Wyatt Clark

ESH&Q
Patricia Allen

Environmental Compliance
Owen Stevens

Waste Determinations
Victor Franklin

Project Design and Construction
Kim Cassara
WSRC was Liquid Waste (LW) contractor for SRS through June 30 [SRS contractor since 1989]

SRR took over as LW contractor July 1
SRR workforce = 2,000 employees [incl. subs]
SRR contract is for the next 6 years, with a 2-year extension option

SRS Liquid Waste Operations includes:
- 49 remaining waste tanks (2 tank farms)
- 5 major facilities
- 36 million gallons of waste
- Highest risk material in South Carolina

LW contract requires safely operating the integrated system of facilities to disposition high-activity radioactive liquid waste and low-activity liquid waste.
INTERIM SALT WASTE PROCESSING

• Actinide Removal Process/Modular Caustic Side Solvent Extract Unit (ARP/MCU): SRS is the only Site in DOE Complex processing salt waste

SLUDGE PROCESSING

• Defense Waste Processing Facility: Poured more than 10 million pounds of glass/topped 2,700 canisters/more than 15 million curies removed from tanks

TANK CLOSURE

• Four tanks on schedule to meet or exceed Federal Facilities Agreement closure requirements
Sand Mantis at Work
Contract Commitments

HLW Sludge Bulk Waste Removal
HLW Sludge Batch Feed Prep
DWPF Canisters

HLW Tank Closure
HLW Tank Cleaning

Salt Separation (ARP/MCU)
LL Waste (Salt Stone)

ETP
HLW Evap
HLW Salt Waste Removal and Batch Feed Prep

SAVANNAH RIVER SITE • AIKEN, SC • WWW.SRS.GOV
Contract Commitments

3x Bulk Waste Removal

2x Sludge Prep

2x Sludge Feed

22 Closures in 8 Years

HLW SludgeBulk Waste Removal
HLW SludgeBatch Feed Prep
DWPF Canisters

400 Canisters Per Year

HLW Tank Closure
HLW Tank Cleaning
HLW Evap

Salt Separation (ARP/MCU)
LL Waste (Salt Stone)

2x Salt Prep and Salt processing

ETP

HLW Salt Waste Removal and Batch Feed Prep

2x Sludge Prep

3x Bulk Waste Removal

HLW Sludge Bulk Waste Removal

HLW Sludge Batch Feed Prep

2x Sludge Feed

2x Salt Prep and Salt processing

HLW Tank Closure
HLW Tank Cleaning
HLW Evap

ETP

HLW Salt Waste Removal and Batch Feed Prep

Salt Separation (ARP/MCU)
LL Waste (Salt Stone)
• Reducing risk of potential environmental contamination and public threat by emptying waste from oldest waste tanks and cleaning tanks

• Protecting workers and the public

• Reducing the radiological risk
• We run an integrated and complicated high hazard series of operations

• We are the best integrated team of experienced professionals in the world for this mission

• We do the right things:
  ➢ Safety
  ➢ Performance with Integrity
Questions?