Critical Path Schedule for Radioactive Liquid Waste Disposition Planning

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Citizens Advisory Board

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Lawrence T. Ling
Director
Waste Disposition Programs Division
Savannah River Operations Office

Peter J. Hill
Manager
Liquid Waste Planning
Washington Savannah River Co.
Critical Path Schedule for Radioactive Liquid Waste Disposition Planning

Purpose:
As requested by the Citizens Advisory Board at the November 2007 meeting, provide the critical path schedule for the Radioactive Liquid Waste Disposition Planning.

Overview:
– Major Program Objectives
– Critical Path Schedule and Analysis
– Sludge Critical Path Activities and Assumptions
– Salt Critical Path Activities and Assumptions
Program Objectives

• Safe Storage and Management of Waste
• Meet Regulatory Milestones
• Comply with Salt Waste Determination
• Process Sludge Through Defense Waste Processing Facility
• Startup and Feed Salt Waste Processing Facility
• Support H-Canyon Waste Disposition from Legacy Materials Stabilization
• Minimize Radionuclides sent to Saltstone
Critical Path Analysis

- SWPF Construction
- DWPF Melter
- SWPF S/U
- SWPF Ops
- DWPF Tie-ins
- PUV
- DWPF Alt Tech Tie-ins
- SWPF S/U
- SWPF Ops
- SWPF Tie-ins
- DWPF Alt Tech Tie-ins

Note: From FY15– FY28
- (9) Sludge Batches fed to DWPF
- (3) DWPF Melter Change Outages
- Continued SWPF Ops except during DWPF Melter Change outages
Salt Critical Path
Activities and Assumptions

• Salt Waste Processing Facility Startup

• Salt Waste Processing Facility Processing Rate

• Tank 48 Project

• Tank 50 Activities
Sludge Critical Path
Activities and Assumptions

• Alternate Melter Technology

• Effectiveness of Aluminum Dissolution

• Tank 48 Project

• Tank 50 Activities

• Tank 25 Activities
Summary

- Integrated comprehensive planning process
- Manage risks
- Seek opportunities for improvements in life-cycle acceleration