



Savannah River Site: Overview

Presentation to the Nuclear Waste Technical Review Board

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SRS History

- Established in 1950 by the Atomic Energy Commission
 - Produce nuclear materials for the national defense
 - Designated the Nation's First Environmental Research Park in 1972
- Original Facilities
 - Fuel & target fabrication facilities
 - Heavy water production and purification facilities
 - Five material production reactors
 - Two material processing canyons
 - Tritium processing facilities
 - High level waste tanks
- Operating Contractors
 - Constructed by DuPont and Operated by DuPont until 1989
 - Westinghouse Assumed Operation of SRS in 1989



Current Status of SRS

- Major New Facilities Operational
 - Defense Waste Processing Facility
 - Saltstone Facility, In-Tank Precipitation
 - Consolidated Incinerator Facility
 - Replacement Tritium Facility
 - Low Level Waste Vaults
- Major Facilities Restarted
 - F and H Canyons
 - Heavy Water Purification
- Facilities Continuing Operations
 - Waste Tanks
 - Spent Fuel Basins



Current Status of SRS (cont.)

- Primary Missions at SRS
 - High Level Waste Processing to Glass
 - Environmental Restoration
 - Stabilize Nuclear Materials Left Over from Weapons Production Programs
 - Spent Nuclear Fuel Receipts
 - Research and Development Programs
 - Economic Development Efforts
- Operating Philosophy
 - Safety
 - Disciplined Operations
 - Cost Effectiveness
 - Continuous Improvement
 - Teamwork that Values People



Current Status of SRS (cont.)

Staffing as of 8/31/97

WSRC & Partners	12,687
Wackenhut	749
Other Contractors	499
DOE	556
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Total	14,491

Budgets

1997	\$1,397 million
1998	\$1,371 million
1999 (planned)	\$1,495 million



The Future of SRS

- Ongoing Missions
 - Environmental Restoration
 - High Level Waste Processing to Glass
 - Stabilization of Legacy Nuclear Materials
 - Ongoing Economic Development Efforts to Leverage Cold War Technologies & Capabilities
- "Site of Choice" for New Missions
 - Accelerator Production of Tritium (APT)
 - Additional Nuclear Material Stabilization Missions
 - Planned New Facilities Include the Actinide Storage Vault and a Spent Fuel Transfer & Storage Facility