6-year base contract, plus 2-year option, for high-level waste cleanup at SRS

SRR started the contract on July 1, 2009

DOE extended the contract 2 years to June 30, 2017, then extended to December 31, 2017
- Current workforce of ~2,100 employees (including subcontractors)

Focused on Liquid Waste Mission
- High-hazard operations
  - Managing waste tank space
  - Treating and dispositioning waste
- Complex Engineering, Procurement, & Construction
- Closing waste tanks
Liquid Waste Outage Significant Scope: Work Only During a Melter Replacement

**DWPF Melter Work**
- Cell cover cleanup for Melter 2 exit route
- Cranes & railroad refurbishment
- Melter 2 removal
- Melter 3 installation
- Melter electrical systems

**DWPF Canyons - Balance of Plant**
- New Lab sample stations
- Cooling Water System
- Purge Air Compressors
- Safety Grade Nitrogen System
- Shielded Canister Transporter upgrades
What the Work Entails

- Excavation to expose the transfer piping
- Piping modifications to connect SWPF with the liquid waste facilities
- Once the modifications are complete the excavated area will be backfilled

The Major Scopes of Work

- West Transfer Lines
- Tank 49 feed modifications
- DWPF modifications

*Completing this work is imperative to SWPF startup*
Safety is a value, not a priority

- Promoted strong Nuclear Safety Culture
- Received the Voluntary Protection Program Star of Excellence for safety each year
- Currently at >5 million safe hours
- >29 million safe Construction work hours
- Safety Recognition
  - Received multiple state and national awards each year for safety
  - Voluntary Protection Program Participants Association (VPPPA) Awards:
    - First contractor in DOE complex to have VPPPA National Safety and Health Achievement Award multiple winners in a single year
    - Four consecutive years SRR had a winner

> 2,900 days (the life of the SRR contract) without an Environmental Notice of Violation
Contract Accomplishments

- Produced more than 1,500 canisters and poured 6 million pounds of radioactive glassified waste at the Defense Waste Processing Facility
- Designed and executing the DWPF Canister Double Stack Project
Contract Accomplishments

- Processed more than 6 million gallons of salt waste through interim salt processing facilities known as the Actinide Removal Process/Modular Caustic Side Solvent Extraction Unit
- Implemented Next Generation Solvent into interim waste processing

_Piloted and proved the technology for SWPF_
Contract Accomplishments

- Stabilized and disposed of more than 10.9 million gallons of low-level liquid waste through the Saltstone facilities

*Readied SPF to handle huge SWPF throughput increase*
Contract Accomplishments

- Designed and built SRS’ first mega-volume (32 million gallons) Saltstone Disposal Unit from the ground up

Completion of SDU 6 construction, which cost $120 million, came in 16 months ahead of the target schedule and more than $25 million under the target cost
Contract Accomplishments

- Operationally closed six high-level radioactive waste tanks
Ready for the Future

- First canister to be poured with new melter by year-end
- Early FY18: All required safety basis documentation complete/full operations begin
- Readying the program for success
- Stage is set for successful new contract implementation

These advancements have and will continue to accelerate the liquid waste mission