



U.S. DEPARTMENT OF
ENERGY

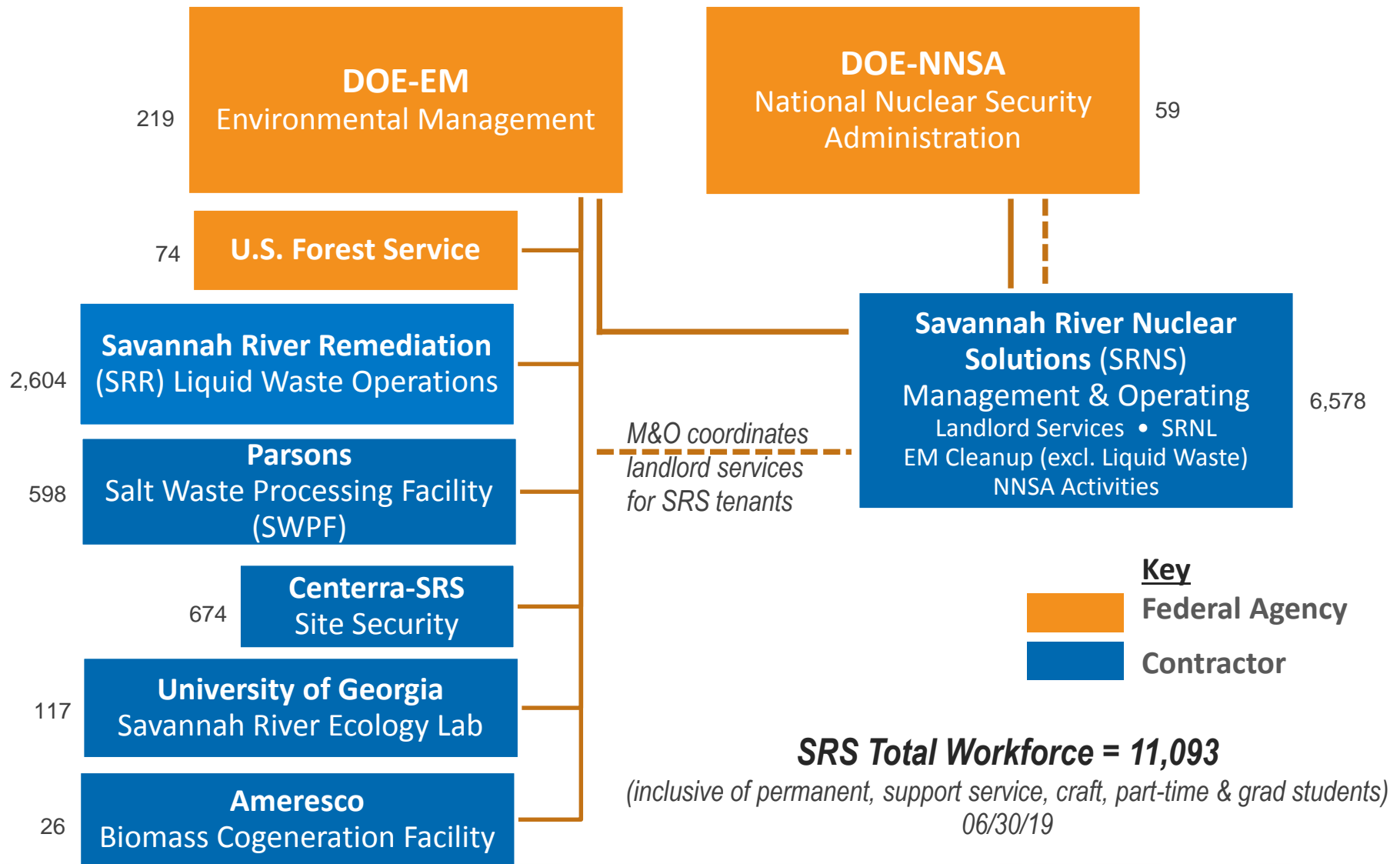


Savannah River Site

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DOE-SR Manager

National Cleanup Workshop
September 12, 2019

Teaming to Tackle Complex Challenges



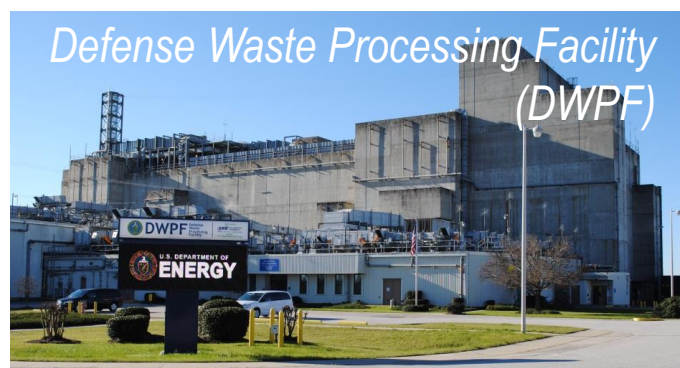
Major Acquisitions Ahead

NUCLEAR MATERIALS	SOLID WASTE	SOIL AND WATER REMEDIATION & FACILITY D&D	LIQUID WASTE STABILIZATION AND DISPOSITION	
Savannah River Nuclear Solutions (including Savannah River National Laboratory)			Savannah River Remediation	Parsons SWPF
<ul style="list-style-type: none"> • Awarded FY08 @ contract value of \$5.4B • Latest 14-mos. extension covers 8/1/19 – 9/30/20 –With two 12-mos. options (10/1/20 – 9/30/22) • Extension enables SRNS to maintain management and operating services while DOE develops an acquisition strategy and contract competition for these services 			<ul style="list-style-type: none"> • Awarded FY09 @ contract value of \$4.9B • Latest 18-mos. extension covers 3/31/19 – 9/30/20 • New Integrated Mission Completion contract to include current LW scope, plus H Canyon and L Basin 	<ul style="list-style-type: none"> • Awarded FY02 to design, build and operate SWPF for one year • Current contract value of \$2.2B • Anticipated contract completion in March 2021 • Planned future integration into new SRS Integrated Mission Completion contract
Centerra – SRS Paramilitary Security Services				
<ul style="list-style-type: none"> • Awarded FY09 @ contract value of \$989M • Expires 10/7/19; Notice of Intent issued to extend contract 4 mos. through 02/07/20 with two 4-mos. options • Final RFP issued 03/06/19; bids currently under evaluation 				

Remarkable Risk Reduction Results:

Getting Cleanup Closer to Completion

- **Tank Waste Management/Closures** provide safe treatment and disposition of 35Mgal liquid waste (LW) inventory stored in Tank Farms
 - * *SRS has closed and grouted 8 tanks since 2012*
 - * *Only tank closures in DOE Complex*
- **SWPF** will separate 90% inventory of tank salt waste into high-radioactive waste and decontaminated salt solution at a nominal operating capacity of up to 9 Mgal/yr
 - * *SWPF startup is scheduled for 2020 and will be a major step toward emptying and closing the Site's remaining 43 high-level waste tanks*
- **DWPF** continues vitrification of radioactive sludge waste within 10-ft tall stainless steel canisters
 - * *Over 4,200 canisters produced in 23 years of operations*
 - * *Nation's only operating vitrification plant*
- **New 32Mgal mega-vault Saltstone Disposal Units (SDUs)** provide safe long-term storage of decontaminated salt solution grouted with cementitious materials



SRS Looking to the Future

- Continue legacy of safety and protecting the public, our employees and the environment
- Continue effective treatment and disposition of liquid waste inventory
 - **SRS is uniquely positioned for a complete LW cleanup solution – once SWPF is operational, all pieces will be in place*
- Evaluate opportunity to further accelerate LW cleanup based on re-interpretation of certain wastes
- Assure ability to maintain unique nuclear materials processing capabilities
- Determine future of H Canyon
- Address SRS common infrastructure needs (*many SRS common infrastructure > 45-60 years old*)
- Integrate plutonium down-blend program with TRU waste program
- Continue soil and water remediation activities and decontamination and decommission of excess facilities
- Continue growth of SRNL expertise to advance national programs and priorities
- Continue increased focus on STEM initiatives and building next generation SRS workforce