



UNITED STATES DEPARTMENT OF ENERGY

OFFICE OF RIVER PROTECTION

Hanford Tank Operations Contract



washingtonriver
protectionsolutions

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President & Project Manager



Tank Operations team

- Washington River Protection Solutions (WRPS) is a prime contractor to DOE's Office of River Protection
- WRPS is a joint venture between URS Corporation and Energy Solutions, with integrated subcontractor AREVA
- ~1,500 employees; just wrapped up fifth year of operations; contract extended through FY-2016; FY-14 budget of \$520 million

Mission Statement

WRPS is committed to the safe and efficient management, retrieval and treatment of radioactive and hazardous tank waste to protect the Columbia River



Challenge: Maximize DST storage space



242-A Evaporator



Challenge: Improve tank farm infrastructure



242-A Evaporator control room



Core Sampling Platform



High Resolution Resistivity system

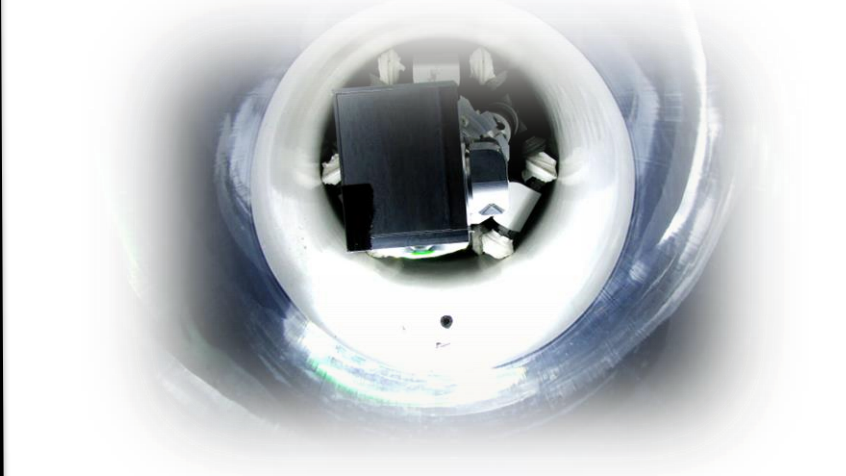


Tank farm infrastructure improvements

DST ventilation



Tank integrity



Weatherization



Control systems





Challenge: Complete C Farm retrieval





Hanford tank retrieval progress

Tank C-101



C101 R3
118° PAN 25 JUL 13
5 PSI 30° TILT 20:46

Tank C-110



Tank C-112



Tank C-107

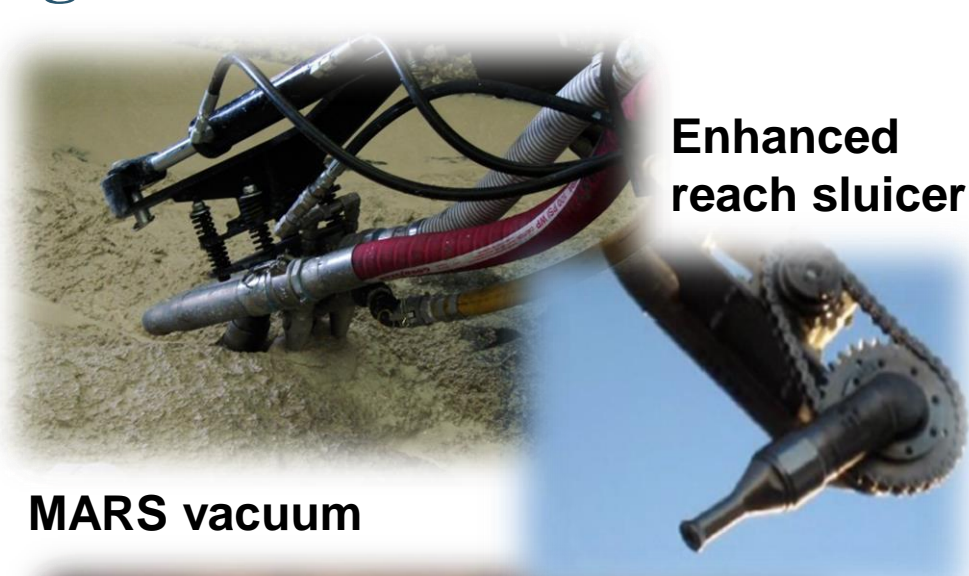




Waste retrieval technologies



C-105 dome cut



Enhanced reach sluicer

MARS vacuum



MARS install



Fold Track

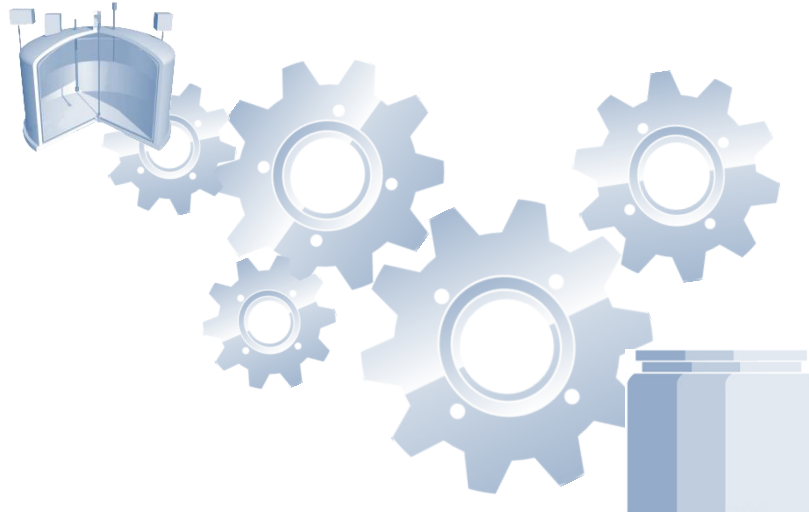


Challenge: Commence next SST retrievals





Challenge: Integrate through One System with WTP



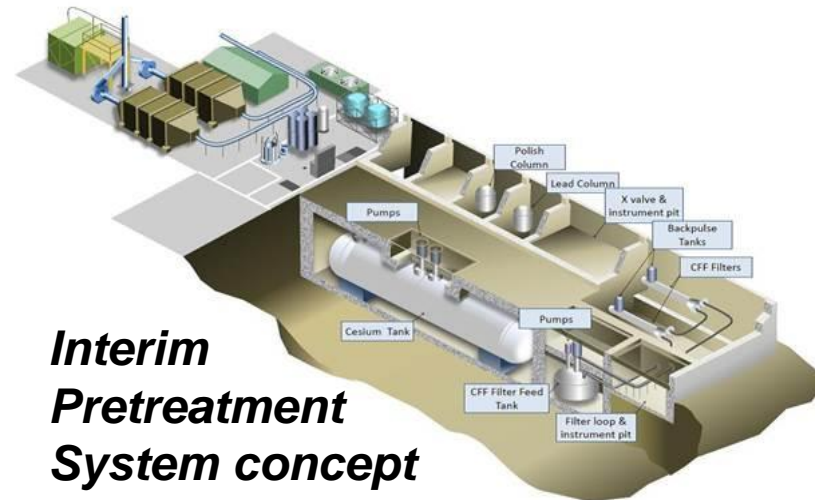
Flow sheet management



Waste mixing demo



National lab outreach



Interim Pretreatment System concept



Summary

- Improving tank farm stewardship
- Maintaining focus on retrievals
- Increasing outreach to national laboratories
- Transitioning to potential line item project management
- Expanding integration with the Waste Treatment Plant



Potential gas release event testing