

real-work opportunities

High Level Waste Division

at the Savannah River Site



a member of the Westinghouse Savannah River Company Team

The High Level Waste System at SRS has been successful over the last several years as it has transitioned from a safe storage operation to a waste removal and waste-into-glass production operation.

HLW supports a variety of important SRS missions. The division works to safely:

- Store the inventory of Department of Energy high-level waste;
- Immobilize the high-level liquid waste as vitrified glass, and store the glass canisters on site until a federal repository is available;
- Support site missions by providing tank space to receive new waste;
- Reduce volume of high-level waste by evaporation;
- Pretreat high-level waste for subsequent treatment and disposal, which is designed to save money by separating high-level wastes from low-level wastes that are stored in the tank farms;
- Immobilize the low-level liquid waste resulting from high-level waste pretreatment and dispose of it on site as Saltstone grout;
- Empty and close high-level waste tanks and support systems per regulatory-approved approach.
- Ensure that risks to the environment and to human health and safety posed by our operations are either eliminated or reduced to acceptable levels.

The High Level Waste Division offers many career developing opportunities for nearly all disciplines of engineering. The majority of these opportunities are for Chemical, Mechanical and Electrical Engineers.

The High Level Waste Division provides extensive job and facility-specific training as well as mentoring to enable the new engineer to become familiar with the Division and site practices.

The High Level Waste Engineering organization is a high-tech team of problem-solving individuals.

Our work includes:

- Technology development and selection for safe new waste removal systems,
- Structural integrity reviews for tank life extension,
- Chemistry analysis for tank waste processing, and
- Technical reviews of design changes to ensure compliance with national codes and standards.

High Level Waste Division engineers work with systems such as:

- unique remote electromechanical equipment,
- instrumentation systems and controls,
- one-of-a-kind chemical processes,
- large scale pumping systems,
- chemical evaporators,
- large scale glass vitrification melters, and
- some of the latest instrumentation on the market.

The work assignments of each engineer within the division join together in order to maintain one of the largest high level waste disposal systems as the benchmark in the industry.

For additional information about the High Level Waste Division, please contact Kirk Pitts, Division HR Operations Lead, at (803) 208-0046, or at kirk.pitts@srs.gov

Westinghouse Savannah River Company



Be part of our real-life equation!