

real-work opportunities

Solid Waste Department

at the Savannah River Site



a member of the Westinghouse Savannah River Company Team

The Solid Waste Division provides high quality, cost-effective solid waste management service at SRS and across the Department of Energy Complex. While accomplishing our mission, our highest priority is to protect both human health and the environment.

BNFL Savannah River Corporation manages the Solid Waste Division at SRS, and strongly supports the site's transition from nuclear material production to national security, nonproliferation and waste cleanup activities.

As an environmental steward of the SRS waste management program, the Solid Waste Division faces the challenge of safely treating, storing and disposing of many types of waste in the most cost-efficient manner possible.

The Solid Waste Division has many technical challenges ahead, and needs new engineers to help improve the efficiency of our facilities and continually lower cost.

Our goal in Solid Waste is to be recognized as "Simply the Best" in the waste management business.

The Solid Waste Division offers many career-developing opportunities for nearly all disciplines of engineering. Extensive job and facility-specific training, as well as mentoring with senior engineers enable a new engineer to quickly become familiar with SWD engineering practices.

In a typical assignment, an engineer might work in a SWD facility such as the Effluent Treatment Facility. This facility provides treatment for wastewater streams generated by SRS chemical processing facilities. Here, an engineer would work with the operating staff to ensure the facility equipment is working properly and to make sure the overall process is functioning efficiently. The engineer would be responsible for decreasing equipment downtime, improving process control and increasing water treatment flow rates. If an engineering review is needed to determine the acceptability of a special waste stream for treatment, the engineer would evaluate the impact of the waste on the facility process and control equipment and recommend changes to equipment or process operating conditions to most efficiently treat the new waste.

Another typical assignment would be working on a project team responsible for developing innovative technologies needed for a new waste handling and packaging system. In such a new system, radioactive waste packaged in 55-gallon drums is remotely removed, sorted by waste type and re-packaged in special containers to be shipped to Carlsbad, N.M., for permanent disposal. The engineer would assist in the design and testing of the robotic manipulators and other automated equipment, ensuring the new equipment functions reliably when operated routinely in radioactive service and meets facility design requirements.

For more information about the Solid Waste Division, please contact Peter Hudson, Division Chief Engineer, at (803) 557-6308, or at peter.hudson@srs.gov; Skip Wiggins, Engineering Manager, at (803) 208-3103 or at skip.wiggins@srs.gov; or Brian Ray, Engineering Manager, at (803) 557-6324, or at brian.ray@srs.gov.

Westinghouse Savannah River Company



Be part of our real-life equation!