

real-work opportunities

Savannah River Technology Center

at the
Savannah River Site



a member of the Westinghouse Savannah River Company Team

The Savannah River Technology Center is the SRS applied research and development laboratory. The lab's mission is to apply the best science in the development of practical and effective technological solutions that provide maximum value for the Department of Energy. SRTC serves SRS technology needs, putting science to work in support of all site missions.

The Savannah River Technology Center offers opportunities for nearly all disciplines of engineering, especially chemical, mechanical and electrical engineers. Other opportunities extend to chemists, ecologists, material scientists, statisticians, environmental, and ceramic engineers. We provide job and facility-specific training, as well as a mentoring program.

When asked what SRTC is best known for, SRTC Vice President and Director Dr. Susan Wood says, "We solve problems. We translate science into technologies that work—bugs that eat pollution, robots that cut contaminated pipes, systems that safely turn waste into glass."

In short, we put science to work.

The Savannah River Technology Center's work starts with a problem in the field. It might be the discovery of a plume of groundwater contaminated with industrial solvents, or the need to immobilize nuclear materials.

The customer may be SRS operations, another organization within the Department of Energy, or another federal agency.

We work with that customer to conceive a solution and take it through progressive phases of modeling, bench and pilot scale testing, full scale field demonstration, and actual startup.

Throughout the process, close partnership with the customer ensures that the solution truly works to meet their needs.

We look at the solution as a total system: e.g., if vitrification immobilizes waste but creates hazardous off-gases in the process, then we design a method of dealing with the gases.

SRTC is an exciting and creative environment where technical professionals put science to work to:

- Apply engineering technology to develop remotely operated

systems

- Identify, develop, deploy, and optimize environmental technologies and strategies
- Lead the development and deployment of new technologies and delivery of technical services in support of non-proliferation, national security, and law enforcement.
- Supply technology that supports the stabilization, management and disposition of spent fuel, nuclear materials and various types of waste
- Develop hydrogen technology to ensure the safety, quality, and cost effectiveness of current and future tritium missions.

For additional information about SRTC, please contact Malcolm Kyle, SRTC Division Point of Contact, at (803) 725-3618, or at malcolm.kyle@srs.gov.

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Be part of our real-life equation!