

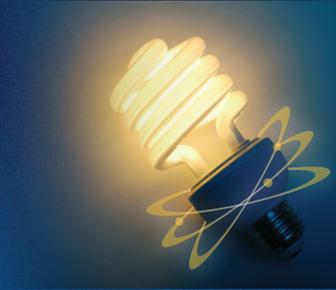


The Savannah River Site Strategic Plan 2011-2015



...shaping the business of SRS success





National Security | Clean Energy | Environmental Stewardship

While EM and NNSA current missions remain the highest priority, SRS leadership places great importance on developing broader missions for the Savannah River Site (SRS) that use our unique capabilities in order to address national and regional issues.

SRS leadership is committed to developing national-level future missions. SRS is not a closure site.

SRS Business Segments, Objectives and Initiatives

As we move toward a more business-like operation at SRS, we have developed three business segments—national security, clean energy and environmental stewardship—each with accompanying business objectives and initiatives. Our business objectives state the specific positions we want to capture in each of the three business segments. The business segments and business objectives on the next page were developed by a select core team of SRS management, and discussed, vetted and refined by the broader DOE and Savannah River Nuclear Solutions leadership teams.

Emphasis on the identified business objectives puts SRS on the path toward increased mission impact in the three business segments. As we seek to be proactive in increasing our impact in the national security, clean energy and environmental stewardship business segments, we must articulate and demonstrate the value that we bring to our customers. We must define the products, services and support we can provide for our customers' success.



Business Segment: Environmental Stewardship

Transform liabilities into assets to reduce the environmental legacy of nuclear materials and radioactive waste at SRS in a way that utilizes technology to provide innovative solutions to speed and improve SRS processing and leverages these solutions to other DOE and non-DOE locations and customers

Business Objectives

- ▶ Lead development, validation and assessment of innovative radioactive waste cleanup technologies to accelerate current DOE national program priorities
- ▶ Use SRS's capabilities as solutions to the nation's nuclear materials disposition issues
- ▶ Transform potential liabilities into assets by repurposing excess facilities and/or equipment to address national needs



Business Segment: National Security

Enhance national security by providing innovative, customized solutions to the global nuclear nonproliferation and detection, counterproliferation, deterrence and threat reduction challenges through the application of unique nuclear materials, technology and systems assets at SRS

Business Objectives

- ▶ Lead in nuclear materials disposition to reduce the threat of proliferation
- ▶ Lead in global nuclear nonproliferation, counterproliferation, and threat reduction systems solutions through research and development (R&D), analysis, forensics and demonstrations at SRNL
- ▶ Primary component supplier to the U.S. nuclear weapons Stockpile Stewardship program



Business Segment: Clean Energy

Accelerate the deployment of nuclear energy through public and private partnerships that solve critical nuclear material storage, processing and disposition challenges, and use our broader expertise to support regional energy sustainability while maintaining environmental health

Business Objectives

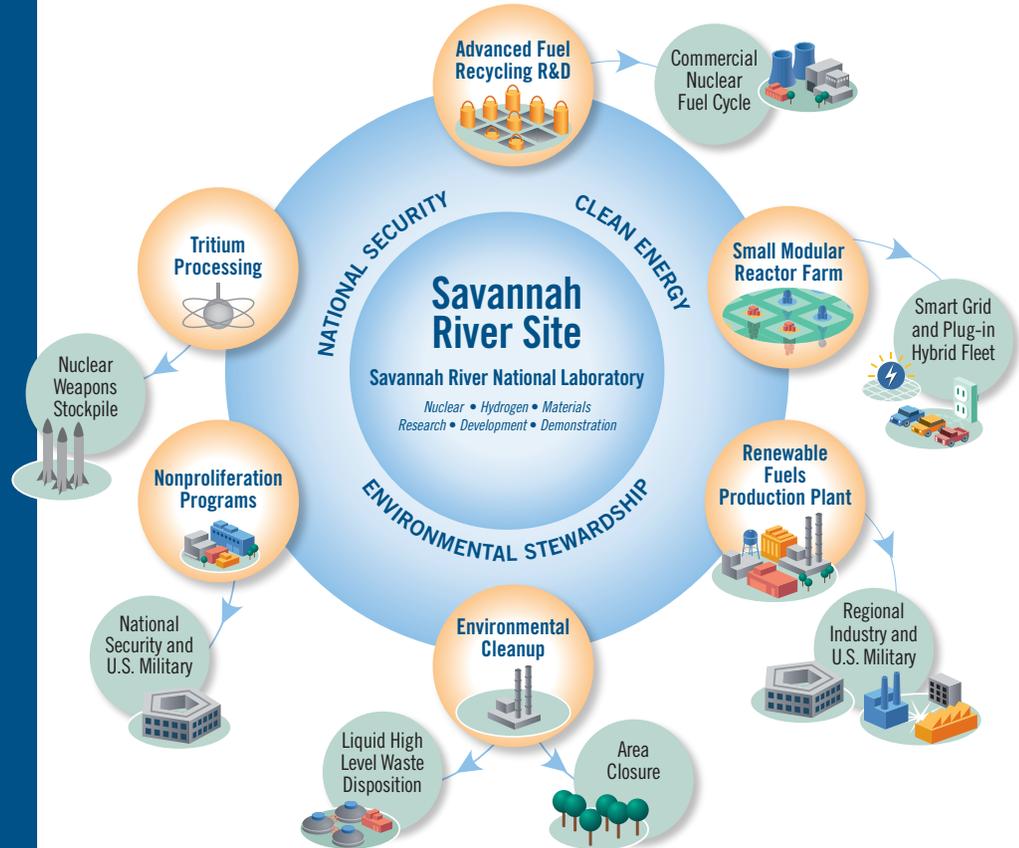
- ▶ Accelerate deployment of small modular nuclear reactor (SMR) technology
- ▶ Demonstrate clean energy systems
- ▶ Develop and lead the nation's used (spent) nuclear fuel cycle initiatives
- ▶ Demonstrate the environmental compatibility of new modular nuclear reactor and clean energy technologies

The Enterprise SRS Vision

A part of the DOE Comprehensive Asset Revitalization Strategy

The new business direction for SRS, graphically depicted above, shows that SRNL becomes the central hub as SRS expands into business segments that capitalize on historic SRS competencies and facilities. The ultimate goal is to address selected national and regional issues with these SRS capabilities.

SRS leadership is committed to moving forward with this new vision.



Where do we go from here?

What has been done so far is exciting and has captured the enthusiasm and commitment of the involved Site leadership. However, each of us involved in this first step understands that we are only at the beginning of our journey to create an enduring, high-impact future for SRS. The following is a set of activities that must follow in order to keep SRS focused on the path to broad mission success.

Pursue top priority objectives

Re-shape cultural, organizational and business practices

Build strong business and inter-agency support networks

Begin work on strategic initiatives

Broaden stakeholder collaboration

SRS management is dedicated to positioning the Site to serve the nation and the region by systematically pursuing the objectives in the business segments.

By more fully utilizing the resident nuclear material management expertise and other unique SRS capabilities such as SRNL, the Site will be instrumental in developing solutions for some of the most difficult challenges facing our nation. A set of strategic initiatives has been identified that will launch SRS onto a path to make this vital national contribution. These initiatives are listed on the next page and are mapped to the business segments to which they contribute. Notice that some initiatives further the progress in more than one business segment.



National Security



Clean Energy



Environmental Stewardship

Strategic Initiatives

- | National Security | Clean Energy | Environmental Stewardship | Strategic Initiative |
|-------------------|--------------|---------------------------|--|
| ● | ● | ● | Establish Center for Applied Nuclear Materials Process and Engineering Research |
| ● | ● | ● | Develop Solutions to Close and Better Secure the Nuclear Fuel Cycle |
| | | ● | Accelerate Liquid High Level Waste Dispositioning |
| ● | ● | | Accelerate Deployment of Small Modular Reactors |
| ● | ● | ● | Deliver Disposition Paths for Nuclear Materials |
| ● | ● | ● | Leverage/Revitalize Site Assets (Facilities, People) to Solve National/Regional Issues |
| ● | | | Increase Helium-3 Supply to Aid Nuclear Nonproliferation |
| | ● | ● | Reduce Greenhouse Gas Emission via Clean Alternative Energy Projects |
| | | ● | Develop and Deploy Next Generation Cleanup Technologies |
| ● | | | Establish Advanced Center for Nuclear Forensics and Attribution |
| ● | | | Implement Modifications to Tritium Infrastructure |
| | | ● | Expand Reach and Impact of National Center of Radioecology |



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ENERGY



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The management and operating contractor is
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Nuclear Knowledge for the Nation
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