

# Savannah River Nuclear Solutions



Since 2008, Savannah River Nuclear Solutions (SRNS) is the contractor charged with management and operations at the Savannah River Site, including responsibilities that are central to the Department of Energy's mission. SRNS is a Fluor-led company whose members are Fluor Federal Services, Newport News Nuclear and Honeywell; the company is led by Carol Johnson, President and Chief Executive Officer.

At SRS, the company's missions largely serve the Department of Energy's Environmental Management program and the National Nuclear Security Administration. SRNS also operates the multi-program Savannah River National Laboratory and, as the management and operations contractor, provides many of the services that serve all of the tenants at the 310-square-mile SRS.

Many of the SRNS responsibilities focus on the nuclear materials missions traditionally associated with the SRS operating facilities.

Nuclear materials operations, for example, include the operations of facilities like H Canyon (the nation's only nuclear chemical processing capability), the L Area spent fuel storage facilities and the K Area complex. In those facilities, SRNS provides the safe and secure receipt, disposition, packaging and storage of nuclear materials. SRNS also stores and down-blends spent nuclear fuel (SNF), which is nuclear fuel that has been irradiated in a reactor; stores and ensures the security of much of the Department of Energy's excess plutonium and other special nuclear material; and converts plutonium into an oxide for future dispositioning.

SRNS also executes National Nuclear Security Administration operations by extracting, recycling, purifying and reloading tritium, a radioactive isotope of hydrogen that is a key element of modern nuclear weapons. SRNS supports five tritium and gas transfer system related missions on behalf of NNSA: tritium supply, stockpile maintenance, stockpile evaluation, helium-3 recovery, and research and development.

Other mission areas for which SRNS is responsible include: deactivating and decommissioning of no-longer-needed facilities; monitoring and remediating soil and surface

water; and dispositioning SRS solid wastes, which include sanitary, construction and demolition, and low-level radioactive wastes.

Also within the SRNS work scope is a research and development component that is essential to the safe, successful operation of key industrial processes throughout SRS.

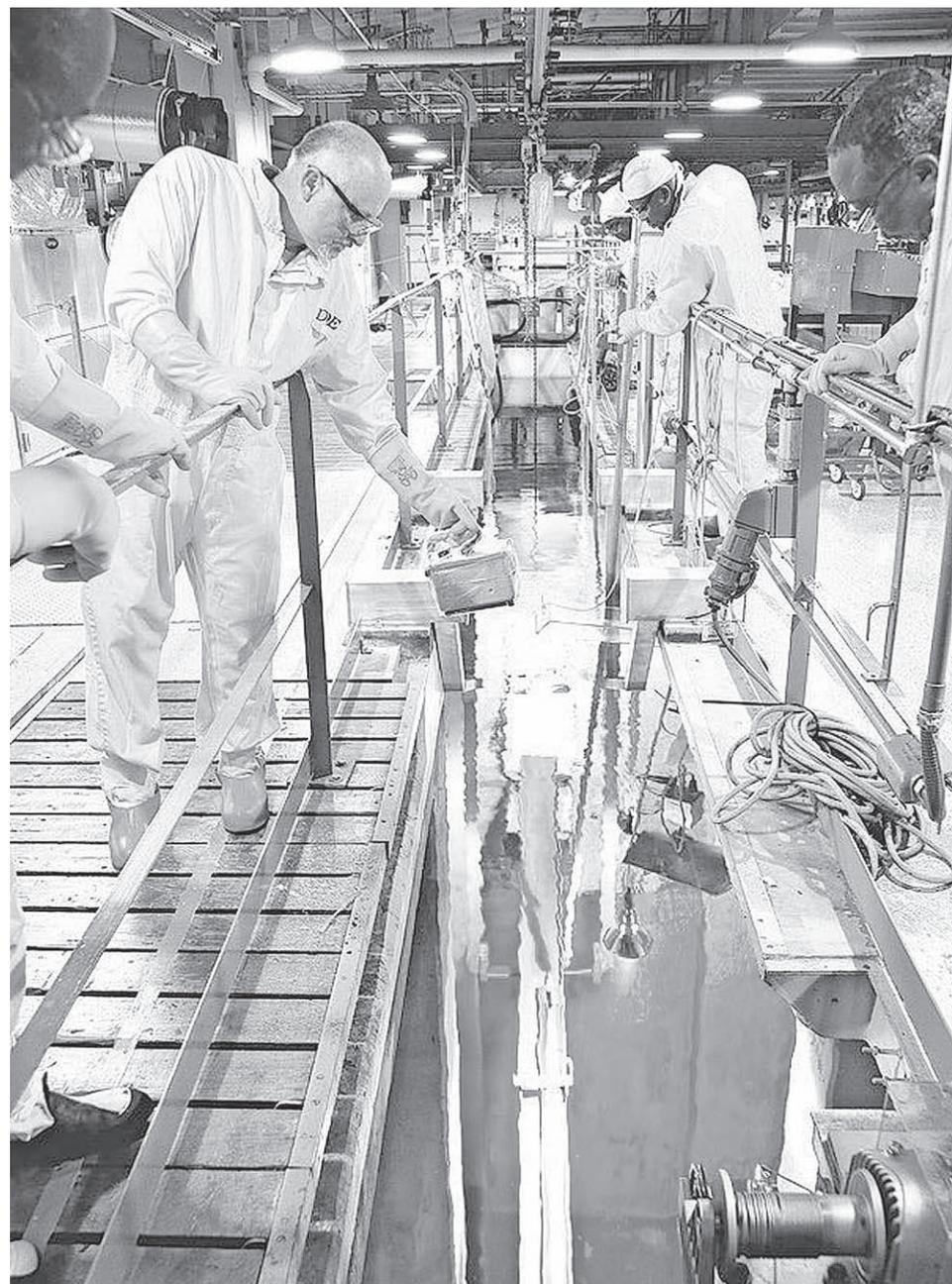
The Savannah River National Laboratory (SRNL) is the research and development arm of the operation, not only for SRS but for DOE's environmental management program nationwide. The Lab has played a key role in the development of all major processes that allowed for production of plutonium and tritium at SRS.

Since the end of the Cold War, SRNL has established itself as the nation's premier multi-program applied science and technology laboratory, addressing the challenges of cleaning up the environmental legacy from the nation's weapons program and providing key support to help meet national and energy security objectives. SRNL serves clients throughout the world, while upholding the distinction of being named the safest National Laboratory in the country by the National Safety Council.

SRNS also executes many of the traditional support functions that keep a large site operating. The company provides a comprehensive environment, safety and health program that provides for the protection of workers, the public and the environment. They also provide engineering and construction management, operations support such as emergency operations, site training and maintenance, and business services such as accounting, legal and public affairs.

Along with all the work needed to manage and operate SRS, SRNS fosters a world-class safety and security culture to ensure each employee arrives, works and goes home safely.

SRNS is committed to safety and security, service to the nation, research and development, conservation of the environment and service to the local community. Employing approximately 5,000 people, SRNS continues to play an important role for the Department of Energy and to manage the Savannah River Site as an asset to the nation and the region.



## Welcome SRS Visitors

- 10 miles to SRS Gate
- Convenient To All Off Site Offices
- Full Hot Breakfast Included
- Free Internet & Parking
- Per Diem Honored & Point Eligible
- Complimentary Managers Reception Every Tuesday With Beer, Wine and Appetizers
- Extended Stay Special Rates Available
- Rated #1 On Trip Advisor

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