

# Global Security

at the Savannah River National Laboratory

srnl.doe.gov

We put science to work.™



On-Dock Rail System



Laboratory testing



F Canyon

## Interested in finding out more?

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## Testing and Evaluation Capabilities and Savannah River Site Infrastructure

The Savannah River Site (SRS) is a 310-square-mile secure site located on the border between South Carolina and Georgia. Here, the Savannah River National Laboratory (SRNL) has the capability to provide multiple venues in support of projects related to the defense of the U.S. homeland. Within the heavily-secured boundary of SRS are a variety of facilities and geographical areas:

- > 610 miles of roads
- > 33 miles of secure rail with locomotives
- > Both open terrain and heavily forested areas
- > Savannah River access
- > Two large lakes
- > Special nuclear material storage
- > Former nuclear facilities

### Testing and Evaluation Platforms

The unique capabilities and characteristics of SRS make it an optimal location for test and evaluation programs:

- > **Maritime:** Two large lakes and access to the Savannah River
- > **Low-background terrestrial:** Simulated urban landscape, open restoration areas, heavily wooded areas
- > **On-land transportation:** 33 miles of isolated railroad track with classification yard, 610 miles of roadway system
- > **Support laboratory test facilities:** Rad and non-rad R&D laboratory facilities, computational modeling and simulation capabilities, Health Physics Instrument Calibration Laboratory for calibration and testing
- > **Radionuclides:** Capability and infrastructure to handle a variety of radionuclides including special nuclear materials
- > **Aerial assets:** Pilots and helicopters are available to support aerial testing
- > **SRNL Atmospheric Technologies Center:** provides comprehensive weather support and operational guidance regarding meteorological conditions, using state-of-the-art computational tools



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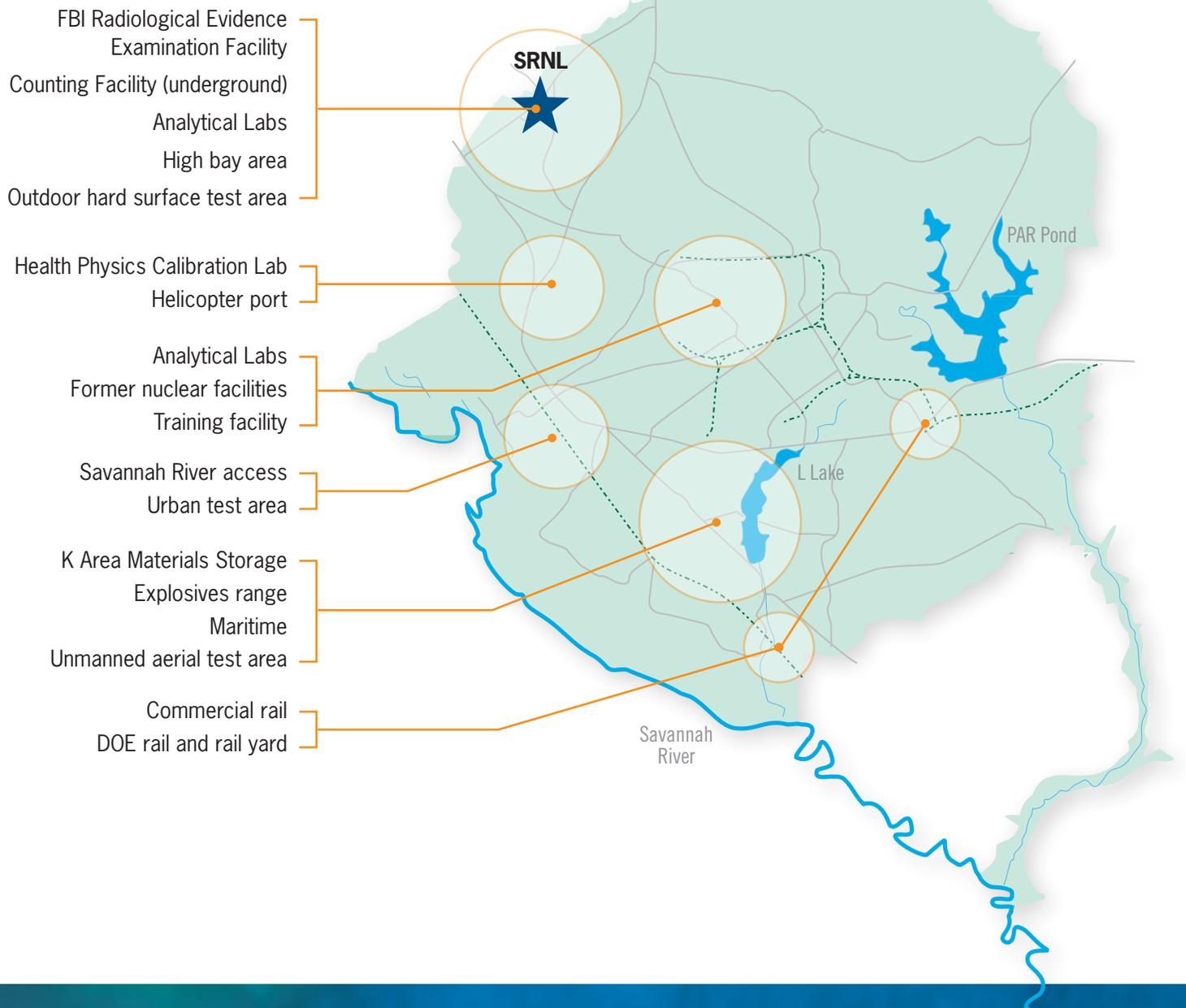
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## Infrastructure at the Savannah River Site



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