

Framatome's Stearns Roger Services At-a-Glance

Fuel handling equipment upgrades for reliable outage performance

Framatome's Stearns Roger Services (SRS) delivers proven, forward-leaning fuel-handling solutions built on decades of outage experience, equipment modernization projects and customer-driven improvements. Our upgrades and new-build designs enhance reliability, reduce downtime and support both today's operating fleet and next-generation nuclear facilities.



Installed base modernization and replacement

SRS provides comprehensive evaluation, upgrade and replacement services for aging fuel-handling equipment. Our engineering teams deliver full-scope design, analysis and modernization support to restore long-term reliability, address obsolescence, increase equipment speeds and reduce outage duration.

Advanced design for new AR/SMR refueling systems

For advanced reactor developers, Stearns Roger Services offers complete design and engineering of refueling systems tailored to project-specific footprint and environmental conditions, including specific operational and safety requirements. Our experience in refueling system architecture and fuel handling supports seamless integration into Small Modular Reactors (SMRs) and other next-generation plants.

Turnkey project delivery

SRS provides end-to-end support for fuel-handling equipment projects, including:

- Full replacements and partial upgrades
- Engineering and equipment support
- Installation and field services
- 10 CFR 50.59 evaluations
- Design or Engineering Change Package (DCP/ECP) development

This integrated delivery model ensures predictable execution, regulatory compliance and dependable fuel handling performance.

Rapid outage response

When schedules tighten, our 24/7 outage support hotline connects you directly with technical experts capable of diagnosing issues, minimizing downtime and restoring equipment availability to keep operations on track.

Hands-on technical training

Framatome's Technical Training Center strengthens workforce readiness through real-equipment training using:

- An operational BWR refueling platform
- A PWR manipulator crane
- A fully functional fuel transfer system

These facilities provide safe, realistic training environments that accelerate proficiency and reinforce best practices.

SMR/AR training and equipment testing

Framatome is expanding its training capabilities with a new 10,000+ square-foot building dedicated to supporting SMR/AR plants and their newly designed fuel handling system. This center will be used to perform testing prior to field installation and provide hands-on operator and maintenance training on the actual equipment. This facility will be operational by the end of 2026 ready to support early SMR/AR build projects.

Contact: outage@framatome.com
www.framatome.com

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