

Framatome selected to provide incore instrumentation upgrade at Surry Power Station

December 9, 2021 – Framatome was awarded the contract to upgrade the incore instrumentation systems for units 1 and 2 at Dominion Energy’s Surry Nuclear Power Station as part of its Subsequent License Renewal program.

Framatome will replace the existing movable incore detector systems with new, state-of-the-art fixed incore detector systems (FIDS). The FIDS will play a critical role in the plant’s operational improvement as an integral part of the instrumentation and control (I&C) system. Implementation of the new FIDS system will allow Surry to monitor the reactor core in real time, improving operational flexibility. This capability increases the overall guidance to operators and improves the ability to navigate transient conditions and to detect and diagnose core anomalies.



Framatome fixed incore manufacturing Lynchburg, Va.

“Framatome and Dominion Energy share a long history of working together across the Dominion fleet, and a common, longstanding goal to continue bringing carbon-free energy to our neighbors in Virginia,” said Clayton Scott, senior vice president Global Sales, Instrumentation and Control Business Unit at Framatome. “The latest fixed incore detector solution that we’re providing will be built in the U.S. and help Surry Nuclear Power Station extend its operating life for another 20 years.”

“Extending Surry’s operations is critical to meeting Dominion Energy’s and the Commonwealth of Virginia’s goals for carbon-free electricity,” Dan Stoddard, senior vice president and chief nuclear officer at Dominion Energy, said. “Partnering with Framatome on an upgraded incore instrumentation system for Surry enables us to continue to provide reliable, affordable, and carbon-free energy to the community for years to come.”

Framatome will begin production of the new fixed incore detector systems next year with installation scheduled to start in 2024. As part of the modernization project, FoxGuard Solutions, a wholly owned subsidiary of Framatome, will also provide the cybersecurity assessment, design support, and testing to ensure compliance with the prescribed cybersecurity requirements for the associated digital systems.

Backed by more than 60 years of global nuclear industry experience, Framatome is the only original equipment manufacturer of [fixed incore detectors and assemblies](#) in the U.S. For the last 40 years the

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company has engineered, designed, manufactured and assembled fixed income detectors and assemblies from its operations in Lynchburg, Va., most recently from the new Incore Product Center that opened earlier this year.

About Framatome

Framatome is an international leader in nuclear energy recognized for its innovative solutions and value added technologies for the global nuclear fleet. With worldwide expertise and a proven track record for reliability and performance, the company designs, services and installs components, fuel, and instrumentation and control systems for nuclear power plants. Its more than 14,000 employees work every day to help Framatome's customers supply ever cleaner, safer and more economical low-carbon energy. Visit us at: www.framatome.com, and follow us on Twitter: [@Framatome](https://twitter.com/Framatome) and LinkedIn: [Framatome](https://www.linkedin.com/company/framatome). Framatome is owned by the EDF Group (75.5%), Mitsubishi Heavy Industries (MHI – 19.5%) and Assystem (5%).

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