

# USA: Framatome signs multimillion-dollar contract with Dominion Energy to provide fleet-wide steam generator services

Framatome signed a multimillion-dollar contract with Dominion Energy to provide steam generator services to the company's entire nuclear reactor fleet. Scheduled to take place during eight outages from 2018 to 2020, the inspection and maintenance work will support the continued generation of low-carbon electricity from the Dominion fleet.

At nuclear energy facilities, steam generators play an integral role by converting water into steam using the heat created in the reactor core. This steam drives the turbines that help produce electricity.

"Our experts have decades of experience with steam generator inspections, which allows us to develop systems to complete these inspections more efficiently and at a lower cost to our customers," said Catherine Cornand, senior executive vice president of Framatome's Installed Base Business Unit. "That means these facilities are back in service faster, providing reliable electricity to homes and businesses."

The Framatome team will deploy Trident, its next-generation steam generator inspection system, as part of these services. This technology reduces dose and inspection time, while improving safety and human performance, by utilizing robots like the recently added FORERUNNER.

FORERUNNER is a light, mobile robot. Its spider-like movements in all working positions, on horizontal or vertical tubesheets, easily adapt to different steam generator geometries. It can also calculate the optimal inspection path using an intelligent path algorithm, which can decrease inspection time by 30 to 50 percent.

Framatome will service the steam generators during scheduled outages at the Millstone Power Station in Waterford, Connecticut; the North Anna Power Station in Mineral, Virginia; and the Surry Power Station in Surry, Virginia.

Framatome is a major international player in the nuclear energy market recognized for its innovative solutions and value-added technologies for designing, building, maintaining, and advancing the global nuclear fleet. The company designs, manufactures and installs components, fuel and instrumentation and control systems for nuclear power plants and offers a full range of reactor services.

With 14,000 employees worldwide, every day Framatome's expertise helps its customers improve the safety and performance of their nuclear plants and achieve their economic and societal goals.

Framatome is owned by the EDF Group (75.5%), Mitsubishi Heavy Industries (MHI – 19.5%) and Assystem (5%).

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