

Framatome to complete upgrades at Krško Nuclear Power Plant in Slovenia

May 11, 2021 – Framatome recently signed two contracts to upgrade systems and equipment used to manage operations at the Krško Nuclear Power Plant in Slovenia. The company will design, deliver and install new instrumentation and control (I&C) systems and replace the thimble tubes, which are an important part of the plant’s in-core neutron flux measurement system.

“For our work with the Krško Nuclear Power Plant, our team brings a unique focus on our customer’s need to modernize the plant and extensive engineering capabilities in various I&C systems and reactor designs,” said Frédéric Lelièvre, senior executive vice president, Sales, Regional Platforms and the I&C Business Unit at Framatome. “These new projects illustrate our commitment to supporting our customers as they generate reliable, low-carbon electricity.”

Framatome’s team will replace the plant’s existing I&C system that is part of the anticipated transient without scram mitigation system actuation circuitry (AMSAC) cabinets. The AMSAC system provides backup to the primary protection system responsible for tripping the turbine and initiating auxiliary feedwater flow. It was developed to prevent excessive reactor coolant system pressure after an anticipated transient without scram (ATWS) event.

Framatome will also design, supply and replace 36 thimble tubes, including thimble tubes with a new nitriding surface hardening process designed for increased longevity, and complete a study on tube wear behavior.

“Framatome has worked on more than 380 reactors of all technological designs worldwide,” said Catherine Cornand, senior executive vice president, Installed Base Business Unit at Framatome. “With this unprecedented experience, our high-performing teams respond to our customers’ needs by designing and providing innovative, robust solutions for long term plant operations.”

The company will complete these upgrades during the plant's outage in autumn 2022.

Operated by Nuklerana elektrarna Krško, the Krško Nuclear Power Plant is located in southeast Slovenia. Its pressurized water reactor began commercial operation in 1983.

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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