

Framatome and Schweitzer Engineering Laboratories team to provide digital protection relays to nuclear power plants

December 14, 2020 – Framatome and Schweitzer Engineering Laboratories (SEL) signed a teaming agreement to provide digital protection relays and turnkey protection relay upgrades to the nuclear industry. This agreement combines the companies' expertise in electrical distribution protection and nuclear power plant system integration to support the long-term operation of the nuclear fleet.

Numerical (digital) protection relays are designed to detect undesirable electrical conditions and initiate one or more actions to protect electrical distribution assets and vital plant equipment.

"Electromechanical-to-digital protection upgrades support long-term operation, reduce life-cycle costs for electrical distribution assets and incorporate further benefits of digital technology," said Craig Ranson, senior vice president of the Installed Base America at Framatome. "Framatome and Schweitzer Engineering Laboratories' approach integrates the latest improvements in digital technology, supporting operators in increasing the reliability and operational flexibility of their plants."

SEL is a premier innovative supplier in state-of-the-art digital protection relays and accessories for heavy industry. Framatome offers relay replacement solutions for a majority of nuclear power plant end uses with qualified digital protection relays and accessories for nuclear safety, quality and non-safety-related applications.

"The nuclear industry has unique requirements, and we provide unmatched value in terms of quality, safety, service, performance and innovation," said Mark Zeller, sales and service director of SEL. "We are excited to announce this teaming agreement and to make solutions for electrical protection modernization available to our customers."

Framatome is currently implementing the first large-scale digital upgrade to the existing safety- and non-safety-related electromechanical protection relays at a U.S. nuclear power plant. By the end of 2022, Framatome will supply the engineering, design, qualification, fabrication, commercial-grade dedication, testing, documentation and delivery of new medium voltage vacuum replacement breakers, [digital protection relays](#) and front door relay panels.



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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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