

Switzerland: Framatome awarded contract for modernization of reactor protection system at Gösgen Nuclear Power Plant

Framatome was awarded a contract to modernize the reactor protection system (RPS) of the Gösgen Nuclear Power Plant (NPP)* operated by the Swiss utility Kernkraftwerk Gösgen-Däniken AG. The RPS powers down reactors safely in case of any deviations.

“This contract marks another important milestone in the long-lasting cooperation between Gösgen NPP and Framatome,” said Frédéric Lelièvre, Framatome’s senior executive vice president in charge of Sales, Regional Platforms and the Instrumentation and Control Business Unit. “It is yet another example showing how, over the years, we have managed the transformation from analog to digital technology successfully together.”

The scope of the contract includes modernization of the entire RPS using Framatome’s proven digital instrumentation and control (I&C) platform, TELEPERM XS. In addition, important functions will be realized with a diverse hardwired back-up system. Installation and commissioning of the new RPS are scheduled for the plant’s 2022 outage. The modernization project enhances plant safety, supports long-term operation and protects investments into the future.

The signing of the contract was preceded by the successful modernization of the plant’s four emergency diesel generators, including the upgrade of the entire I&C and electrical systems with Framatome’s digital technology. In 2014, Framatome completed the digital modernization of the plant’s reactor control and limitation.

* The Gösgen pressurized water reactor was connected to the grid in 1979 and has a net electric output of 1,010 megawatts.

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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