



Framatome inks contract with ČEZ to Modernize Instrumentation and Control Systems

February 14, 2023 – Framatome announced today it has signed a contract with ČEZ to modernize the existing instrumentation and control (I&C) Spline testers for safety systems installed on four VVER type reactors at Dukovany Nuclear Power Station, located in Czech Republic.

“We commend ČEZ for its high standards of safety and vigilance in fortifying the long-term operations of one of its largest, most reliable and economically advantageous energy sources,” said Frédéric Lelièvre, senior executive vice president, Sales, Regional Platforms and the I&C Business Unit at Framatome. “Our teams will deliver this project with the level of commitment to safety and operational excellence that is the foundation of our strong and long lasting relation with ČEZ.”

Framatome’s engineering specialists will redesign, manufacture, validate and install the new Spline testers. The first installation is planned mid-2024 during the Dukovany-2 planned outage. This project is the first step in the comprehensive modernization of the existing Spline safety I&C platform that will allow ČEZ to operate Framatome systems until 2045.



Dukovany Nuclear Power Plant (Image: CEZ)

“The final objective of the Spline testers renovation and subsequent modernization activities is to ensure safe and reliable I&C systems operations,” said Bohdan Zronek, chief nuclear officer of ČEZ, a.s., and member of the board of directors. “This contract is built on more than 10 years of successful cooperation between ČEZ and Framatome on Spline support and services.”

Spline is a modular digital solution for safety I&C systems installed in many different types of nuclear reactors around the world. It is specifically designed to implement the safety functions that are critical for the performance and reliability of nuclear power plants, such as the reactor protection

system, reactor trip system, engineered safety features actuation system and the neutron instrumentation system.

Dukovany nuclear power plant supplies approximately 14 TWh of electric energy annually to the national power network. The plant is owned and operated by [ČEZ Group](#). The power plant modernization will successively be carried out to the end of its planned service life.

About Framatome

Framatome is an international leader in nuclear energy recognized for its innovative, digital and value added solutions 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 16,000 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](#) and [LinkedIn](#).

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