

Framatome selected to provide a test system for the Jules Horowitz Research Reactor

May 5, 2021 - Framatome was selected by the French Alternative Energies and Atomic Energy Commission (CEA) to provide a critical test system for the Jules Horowitz Research Reactor (JHR) in Cadarache, France.

To support qualification of the JHR, Framatome will build a customized test loop to investigate and characterize the flow-induced vibration behavior of internal reactor components. Framatome experts will design, build, deliver and commission the test loop at the company's Le Creusot site in Burgundy and perform the qualification tests required for the licensing file of the JHR.

"This opportunity marks another milestone in our long collaboration with CEA in support of the development of the Jules Horowitz Research Reactor," said Alexis Marincic, senior executive vice president of the Engineering and Design Authority at Framatome. "The research and testing conducted at the JHR will support both the continued production of clean energy and important medical research and diagnostics."

The JHR is designed to test and qualify fuels and materials under irradiation for nuclear utilities, nuclear steam system suppliers, nuclear fuel manufacturers, research organizations and safety authorities. It will also support nuclear medicine research and provide hospitals with radioelements used in medical imaging units for diagnostic purposes.

Framatome's test loop is expected to start component testing in the fourth quarter of 2021.

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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Framatome
Tour AREVA
1 Place Jean Millier
92400 COURBEVOIE
France

www.framatome.com

CONTACTS

Press office
press@framatome.com