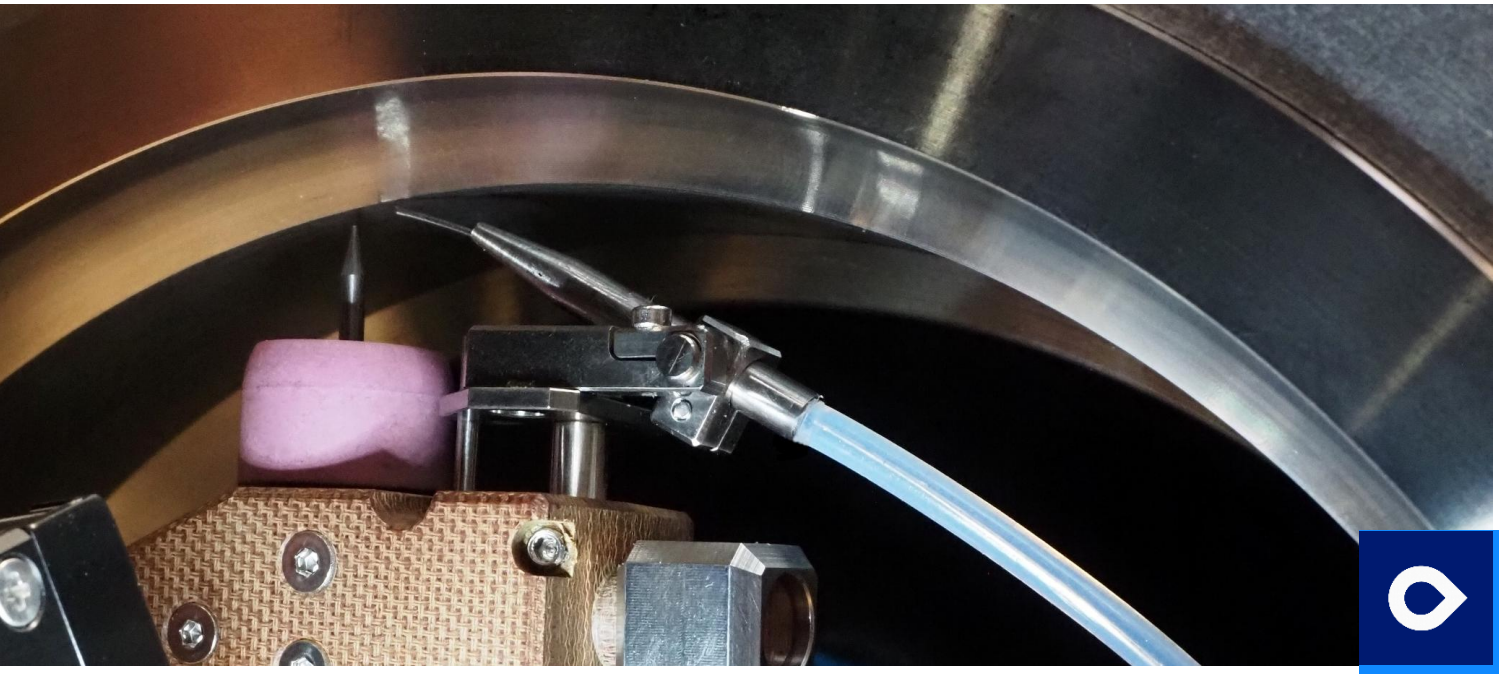
framatome

Stories of Success



In-Situ Repair at Oskarshamn 3: innovation and performance serving our customer for operational readiness

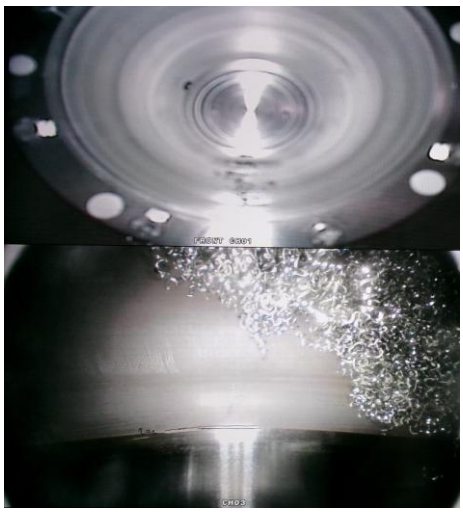
Framatome successfully carried out the first-ever repair of the sealing surface in a boiling water reactor at the Oskarshamn 3 plant in Sweden, demonstrating its ability to develop an innovative repair approach in short timeframe.

Following contract negotiations in autumn 2025, Oskarshamn and Framatome teams worked closely to develop a specific, unique technical repair concept and the corresponding specialized equipment required for the intervention, designed to minimize both CAPEX and OPEX.

The project also included the full preparation of all equipment, the repair works on site as well as the training of the necessary personnel, to ensure safe and efficient execution.

In collaboration with its partners, Framatome has developed in short time a self-propelled, mobile lathe—including a laser measurement system— as well as a pipe-internal manipulator serving as a carrier system for the welding head, inspection camera and cleaning system.

“A key success factor in this technically challenging and highly complex project was the trust, open dialogue, and strong cooperation between Oskarshamn 3 and Framatome team.”, says Jan Heinsius, Vice President, Framatome Installed Base Services in Germany. “Projects of this nature require more than resource capability alone. They demand alignment, transparency, and a shared commitment to performance and safety. From concept development to execution readiness, every phase of this project was shaped by close teamwork and a solution-oriented approach”



Camera of the mobile lathe

Learn more in our Solutions Portfolio:
Framatome In-Pipe Grinding Manipulators for nuclear reactors

Contact:
component-repair-replacement@framatome.com

www.framatome.com

©2026 Framatome. All rights reserved.