

## Pressurizer Replacement

Over 20 years of industry-recognized experience in replacing heavy components

### Challenge

Pressurizers are complex components which require high precision machining during their fabrication. Technical operations accurate to a one-hundredth of a millimeter must be carried out on forged parts weighing several tens to hundreds of metric tons. All of the internal component assembly operations are carried out inside contained, sanitized and rigorously-checked assembly units. For certain parts, precision of assembly is guaranteed by laser guidance.

### Solution

Framatome's Chalon/Saint-Marcel manufacturing facility is unrivalled anywhere in the world for the manufacturing of steam generators, reactor vessels and heads, pressurizers and internal equipment. The Chalon/Saint-Marcel plant deploys state-of-the-art technologies and precision machining tools to ensure that the exact requirements are met.

Framatome's extensive pressurizer manufacturing experience enables us to provide a custom-built design that fits exactly with your current support structures. Outstanding features minimize the costs associated with replacement and reduce the scope of in-service inspections (ISI).

### Customer benefits

- The use of Alloy 690 and austenitic stainless steel reduces SCC susceptibility
- Forged shell sections eliminate all longitudinal welds
- Integrally forged nozzles



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**Your performance**  
is **our everyday commitment**

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