framatome

Reactor Vessel Cover Head

Manufacturing of Reactor Vessel Cover Head for operating plants and new nuclear projects

Framatome Saint-Marcel is the manufacturer of reference for Primary Loop Components

Challenge

Reactor Vessel Cover Head is a High Integrity and Nuclear Safety related Component and must comply with the requirements of applicable construction codes and regulations. The conformity has to be demonstrated at each step of manufacturing.

Solution

Framatome's Saint Marcel plant manufactures Reactor Vessel Heasd with the highest level of safety and quality standards. From design specifications to deliver all over the world, Framatome serves Nuclear Power Plants of all size. Capacities are able for defense and navy activities.

Full scop of responsibility :

- Design Engineering, Mechanical calculation and Licensing
- Manufacturing Engineering
- Prototyping and serial production
- Management of sub-contractors and suppliers
- In-house manufacturing and inspection (UT, X-Ray, pressure test)
- Worldwide transportation

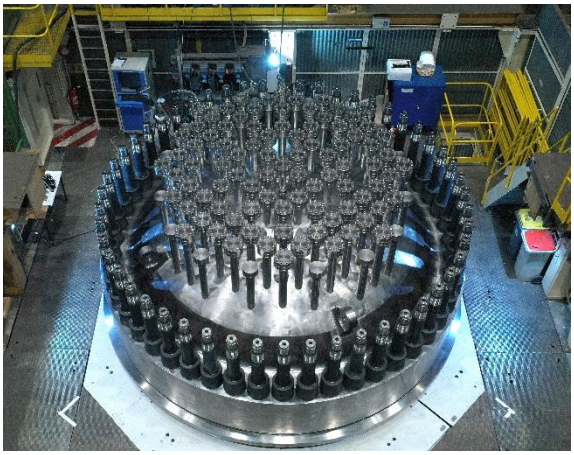
Framatome relies on :

- Large industrial capacity of workshops
- ISO and ASME certified Quality Assurance System
- Certified ISO 17025 Laboratory

Customer benefits

- Safety and Quality Conformity
- Internationally trusted supplier with a proven experience
- Flexible and large industrial capacity
- A plant managing the whole process (engineering, procurement, manufacturing, transportation and after-sales)

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



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Technical Information

RVCH for a wide range of Nuclear Power Plants, 900 Mwe to 1 650 Mwe

Material : Carbon and Stainless steel
Height : 2 550 to 3 943 mm
Diameter : 4 674 to 5775 mm
Weight : 65 to 100 tons

Pressure : 150 bars
Temperature : 350°C

- Construction codes : RCC, ASME, AFNOR, GHOST, SAE, ASTM
- International Regulations

Key figures

45 Years of experience in manufacturing of heavy components for nuclear industry

>160 Reactor vessel cover heads manufactured and Delivered to Customers by Saint-Marcel Plant since 1975

Contact : g-fra-pcm-sales@framatome.com
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