

## MICRO-REACTOR INDUSTRIALIZATION STUDIES

### Support for the application of nuclear regulations and constructions

Require the experience of a leading actor on nuclear activities to support you in building codes, regulation and relations with safety authorities.

#### Challenge

Throughout the development of SMR and advanced reactor projects, it is imperative to ensure compliance with construction rules and regulations related to nuclear activities.

#### Solution

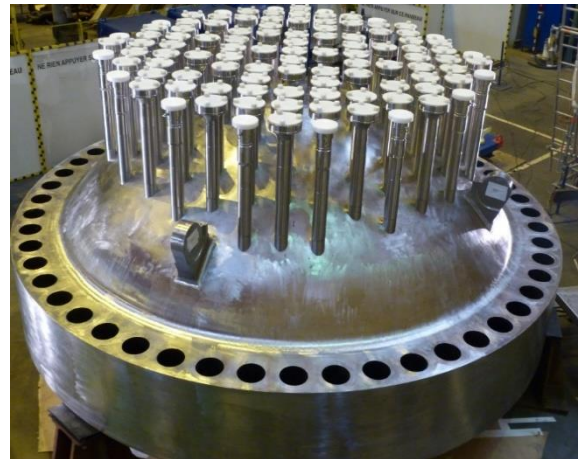
Framatome is a major global player in civil nuclear activities. Framatome, a well-known manufacturer of nuclear power plant components, has been able to assimilate and integrate the various regulatory and construction standards in order to comply with a high level of nuclear safety imposed by the various world authorities. The Saint Marcel plant integrates its own design and calculation departments with nearly 175 engineers to meet all types of nuclear projects. Framatome holds the necessary certifications to carry out its heavy component manufacturing activities such as RCC-M and ASME. Framatome is regularly audited by accredited and independent bodies. Thus, your SMR or advanced reactor projects will be executed according to the rules.

In addition, Framatome has acquired a very good experience in relations and documentation to be established with the safety authorities which are key points to the success of the compliance of nuclear products.

#### Customer benefits

- Preliminary studies of the project management
- Unique experience and large knowledge of construction codes and regulations.
- Safety and Quality Conformity
- Saving time and costs in dealing with nuclear safety authorities.
- Flexible and large knowledge of nuclear systems and nuclear components under pressure

**Your performance  
is our everyday commitment**



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#### Technical information

##### Certification

- RCC-M
- ASME
- Regulations : 10CFR50 app B & 10CFR21

#### Key figures

**45** years of experience in manufacturing of heavy components for nuclear industry

**10** references in advanced/GEN IV reactor of which 6 in France and 4 abroad.

Phenix/ Superphenix/European Fast Reactor/ Myrrha/ Antares etc...

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