

strong D&D experience and presence world-wide

Strong expertise can provide the client Full scope of services including engineering, Evaluation, implementation, special tooling Design.

### Challenge

Currently, there are couples of hundreds reactors are under operation. Some of them reach end of design life and they are extended or decommissioned. D&D of reactors is very complicated work as it's building up.

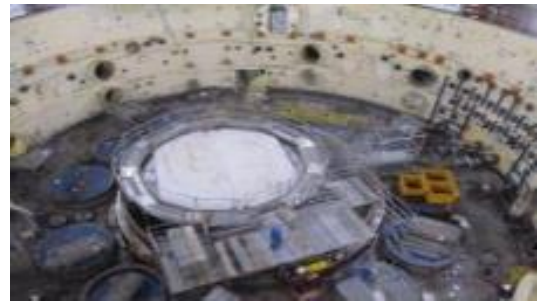
### Solution

Framatome D&D activities covers:

- Presence On-Site
- Decontamination (Full system or component decontamination)
- Fuel (Repair, transfer, packing, assessment etc.)
- Radiological evaluation (Studies, probe sampling, etc)
- Waste management (Studies, design, equipment, training, etc.)
- Engineering & System adaptation
- Special Tooling & Services
- QA/QC Services

### Customer benefits

- strong D&D experience world-wide (Belgium, UK, Spain, US, Japan, France and Germany)
- Involved into various reactor type, including FSR, PWR, BWR and HWR
- Business scope covers engineering, FSD, primary components dismantling & Segmentation



Dismantling of Superphenix internal structures and all equipment on the reactor slab in 2017 and 2019, from top to down)

### Technical information

For Dismantling of Large Components, offsite treatment of large components (Rip&Ship) enable significant advantages such as:

- Less waste handling and treatment on site
- Potential for a significant reduction of the decommissioning schedule
- Risk mitigation by transfer of work to specialists with proven processes and experienced workforce in facilities
- A significantly lower volume of waste for disposal. In addition, this option has the benefit of recycling
- A predictable result and a fixed cost

### Ongoing projects

Emsland NPP PWR Internals (2024 - 2025)  
Brunsbüttel + Krümmel NPPs BWR Vessel (2023 – 2026)  
Phénix dismantling (CEA) (2012 – 2025)  
Creys-Malville internals ( 2016 – 2026)

**Your performance  
is our everyday commitment**

Contact : ?@framatome.com

[www.framatome.com](http://www.framatome.com)

Any reproduction, alteration, transmission to any third party or publication in whole or in part of this document and/or its content is prohibited unless Framatome has provided its prior and written consent. This document and any information it contains shall not be used for any other purpose than the one for which they were provided.

Legal and disciplinary actions may be taken against any infringer and/or any person breaching the aforementioned obligations.