



EFINOR



Nuclear Pool-Liners

Nuclear Pools-Liners are located within the nuclear island.

Some of the key features of are: a design life of 40 plus years, enhanced seismic (earthquake) and extreme temperature are some of the design, manufacturing and installation features.

Stainless steel sheets used to form the liners are

welded to an embedded framework anchored into the civil work.

The framework is designed to allow radiographic inspections of the pool liner welds throughout the life of the pool as well as a leak detection system to monitor the welds for leaks.

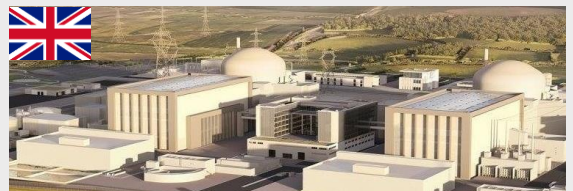
EFINOR also designs bespoke secondary equipment for Nuclear Pools such as sumps, cofferdams, stop gates, frameworks for radiographic films, liners for civil works, storing racks and handling tools.

Case Studies



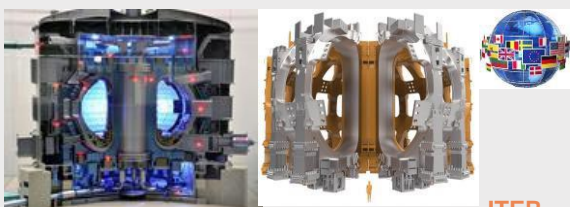
EPR - Flamanville 3

- IRWST Nuclear Pools: Design, sizing, manufacturing, erection
- Drains of the IRWST security cooling system



EPR - Hinkley Point C

- Research & Development to implement IRWST Nuclear Pools: Modular solution with leak detection system
- Mock-up design and manufacturing of the IRWST Nuclear Pool



ITER

- Liners of the reception cells for the tritiated effluent from ITER Tokamak

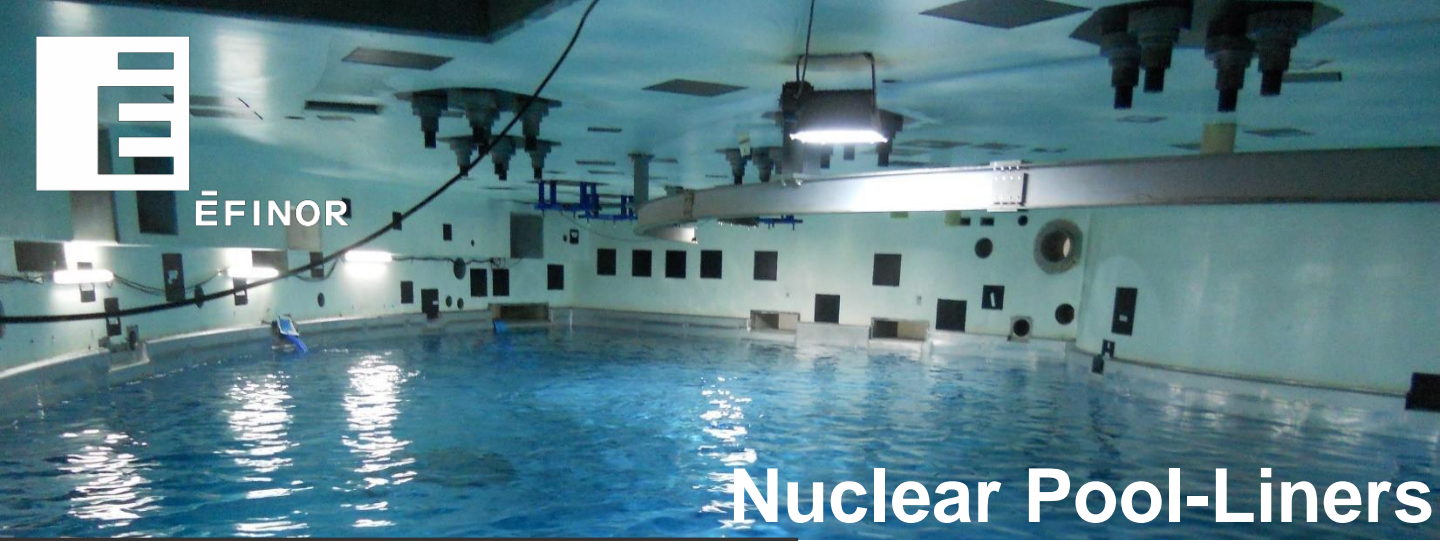


EPR - Taishan 1 & 2

- Pre-project and feasibility studies
- Design and calculations



EFINOR



Nuclear Pool-Liners

Product characteristics

- Bespoke Nuclear Pool-Liners are manufactured to the client's requirements.
- Nuclear Pool-Liners have multiple interfaces with civil works.
- The use of a modular construction system with integrated handling and erection tools has optimised the on-site erection and inspections phase.

Type of industries where our Pools are useful

Nuclear
&
Research



More about our Case Studies

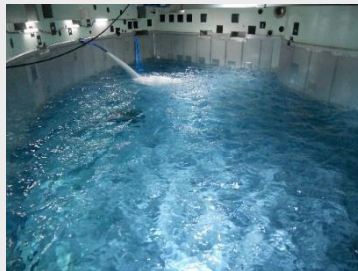
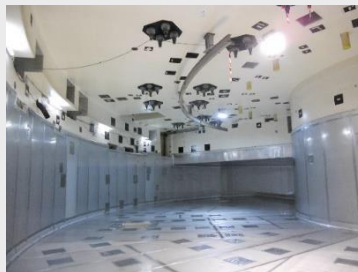
ITER

Liners of the reception cells for the tritiated effluent from ITER Tokamak



EDF EPR FLAMANVILLE 3

IRWST Nuclear Pools



EDF Energy - NNB

Mock-up of a pool-liner for HPC EPRs



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A bespoke and modular solution compliant with regulatory requirements