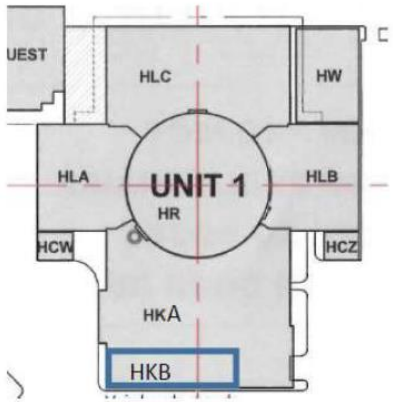
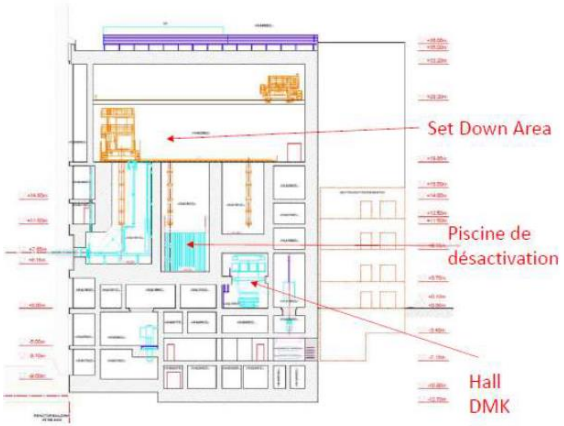
GENERAL INSTALLATION WORKPACKAGE HK BUILDING(EPR2)

Installation studies in 3D model for EDG building (HK)





Context

This service is provided under the CP2E contract, with engineering activities subcontracted on a lump-sum basis.

Following an initial project setup phase using E3D, the platform is now responsible for conducting Detailed Design installation studies for the EDG building (HKA-HKB) within the nuclear scope of the six EPR2 units to be built in France, on behalf of EDVANCE, a subsidiary of the EDF Group.

Mission

The team operates under the direction of a Project Manager, supported by Group Leaders who ensure deliverables meet technical requirements and deadlines.

The core team consists of designers and draughtsmen, responsible for:

- Developing optimal technical solutions for equipment installation in the 3D model
- Updating the 3D model with installed components
- Verifying the consistency of 2D plans and supplier-issued assembly drawings
- Integrating modifications into the 3D model after technical validation
- Leading or contributing to installation reviews with other disciplines to detect and resolve technical inconsistencies
- Proposing technical improvements and implementing corrections directly in the 3D model

Our strengths on this project

- In-depth experience with safety-classified structures
- Understanding of the HK building's dual role:
  - Storage of new and irradiated fuel
  - Housing critical nuclear systems essential to operator safety
- Familiarity with the five elementary systems: TEP / TEG / PTR / APG / DER
- Proficiency in key design tools: PDMS, E3D, DRAW, ALLPLAN, AutoCAD, 3DX

Market
Nuclear

Revenue
[xxx]

Discipline
General Installation

Year
2022- in progress

Cycle
Studies

Localisation
EDVANCE
Lyon (Fr)