

CHALLENGES TODAY.
RESPONSIBILITY FOR AGES



IGNALINA
NUCLEAR
POWER PLANT

International procurements for 2-3 years



ACCREDITED
MSCB-113



ISO 9001:2015
GKLT-0199-QC



Ignalina NPP decommissioning
activities are co-financed by
the European Union

Zone R3 engineering and licensing project R3D.01

The objective:

- To develop the dismantling technologies for structures and equipment from INPP Units reactor shaft (in the R3 area) and to plan associated radioactive waste management.

Scope of the project:

- Implementation of optioneering, development of conceptual design, EIAR and RWISF (as separate projects).

Status: Tender is ongoing

Technical Support Group project TSG.01:

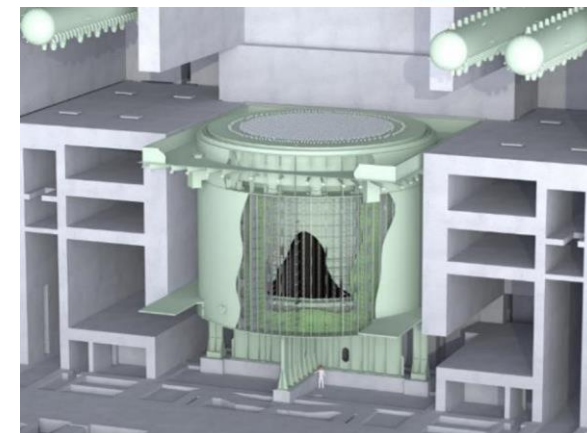
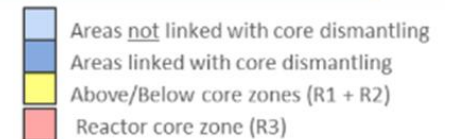
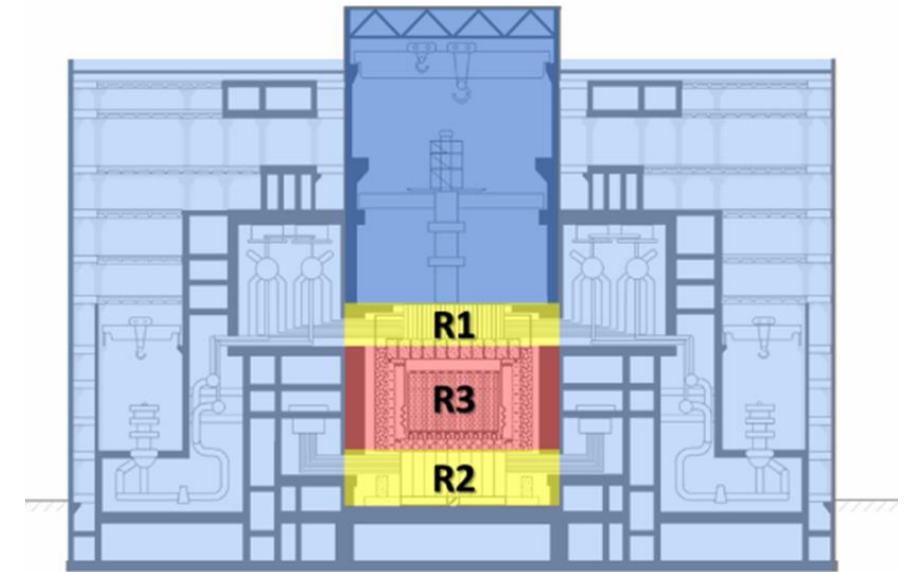
The objective:

- To provide Project/Contract Management and Technical Engineering Consultancy Services to INPP during implementation of projects related to reactor systems dismantling.

Scope of the project:

- Implementation of optioneering, development of conceptual design, EIAR and RWISF, other reactor systems dismantling projects.

Status: Tender is ongoing



Equipment for reactor Zones R1/R2 dismantling (reactor channels in particular)

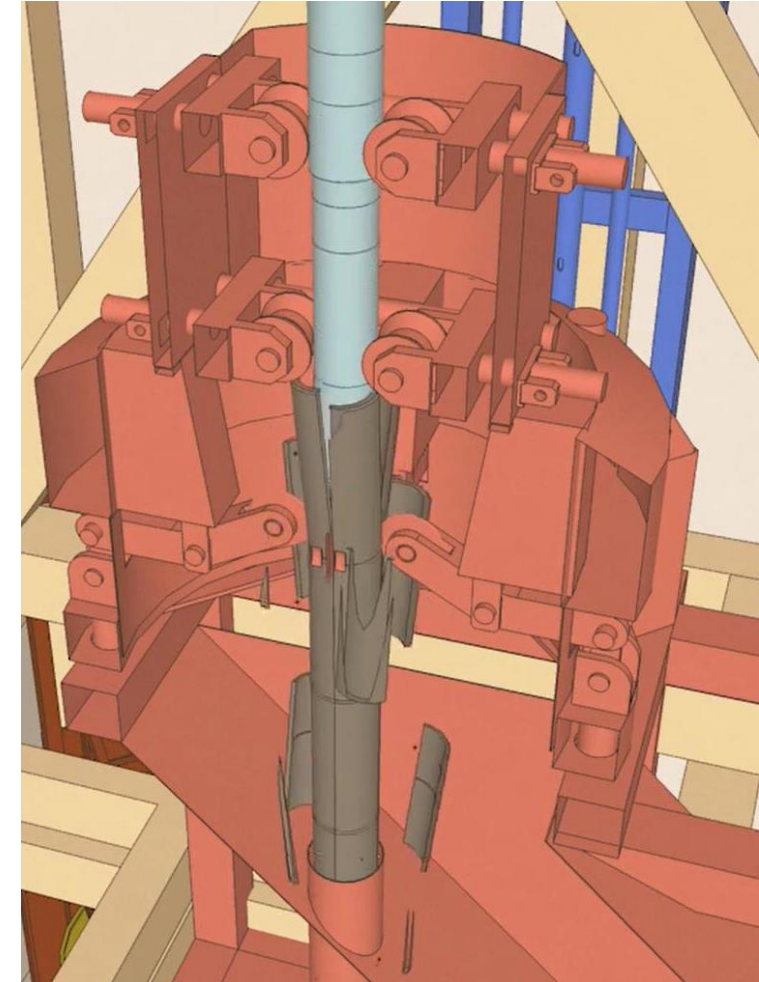
The objective:

- Establishment of the facility for dismantling and treatment of reactor technological channels, their graphite rings and sleeves for implementation of project 2102 “Dismantling & Decontamination of Equipment from Unit 2 Reactor Zones R1, R2”.

Scope of the project:

- Design, manufacture and delivery of equipment for:
 - Preparatory drilling/cutting for removal from reactor;
 - Cutting off lower section for handling;
 - Removal of attached graphite fittings and into drums;
 - channel fragmentation and batching into containers;
 - removal of detached graphite fittings from reactor.

Status: Under approval of EC (to be implemented in 2022-2025)



Remote-Controlled Mechanisms for D&D of Equipment in Zones with High Dose Rates

The objective:

- Purchase of robot(s) for work in areas of high dose rate / restricted access (Zones R1/ R2) for improved application of ALARA.

Scope of the project:

- One robot with controls and accessories;
- Option to buy second robot (by amendment).

Status: Under approval of EC (to be implemented in 2021-2022)



D&D project for Steam Drum-Separators and primary piping at Block A

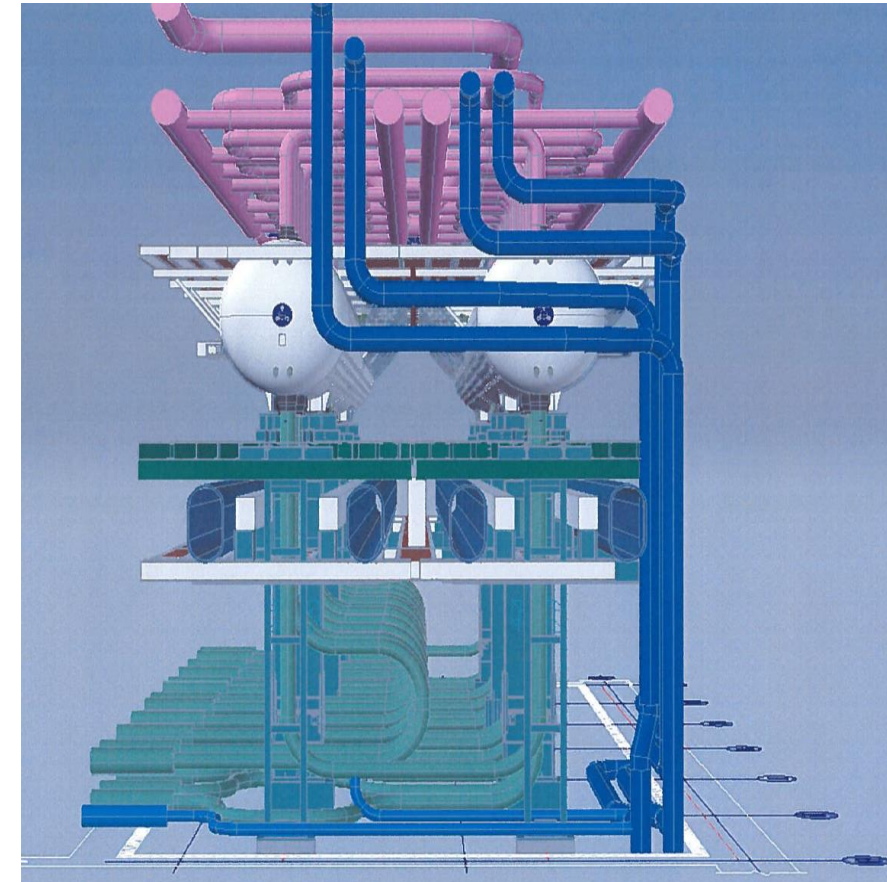
The objective

Dismantling Steam Drum Separators and primary piping at Blocks A-1,2.

Scope of the project:

- Preparation of Design Documentation (DD) by Contractor and SAR by INPP;
- Approval of Design Documentation (DD) by INPP;
- Approval of DD by VATESI and stakeholders;
- Engineering completion and drawing/document approvals;
- Procurement, manufacturing, and FAT's of equipment;
- Site work – installation at INPP;
- DS and associated systems D&D.

**Status: Under development of procurement
(to be implemented in 2023-2029)**



Energy-saving evaporation facility equipment for treatment of liquid radioactive waste

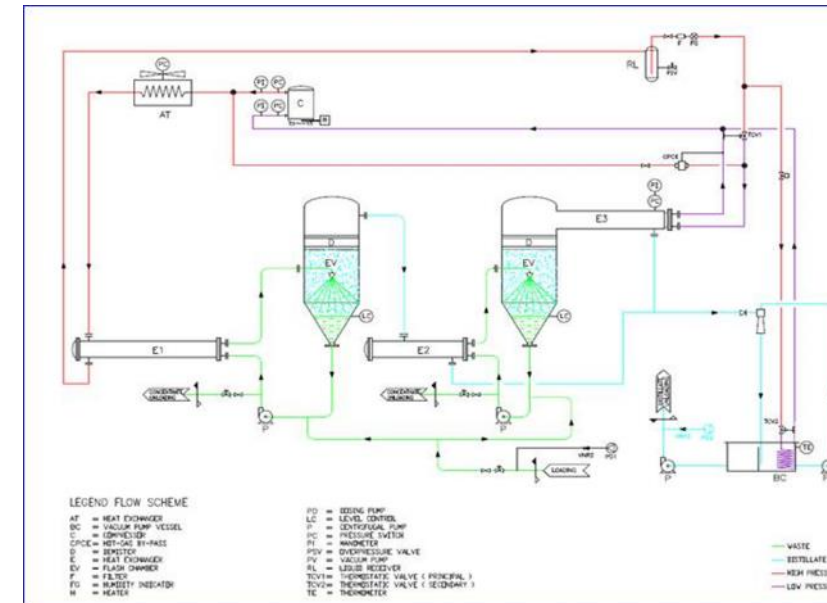
The objective:

- To install the energy-saving evaporation facility equipment for innovative and efficient treatment of liquid radioactive waste.

Scope of the project:

- Design, licensing, procurement and installation of the energy-saving vacuum evaporation facility. Equipment will be designed for the treatment of liquid radioactive waste. Option to buy second (by amendment).

Status: Under development (to be implemented from 2023)



Near Surface Repository for Low and Intermediate Level Short-lived Radioactive Waste (B25)

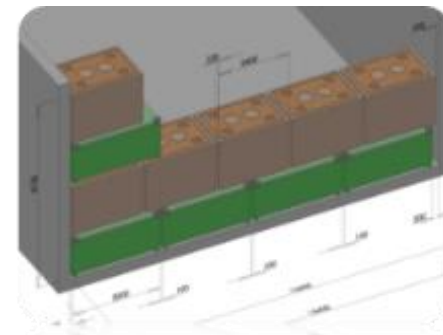
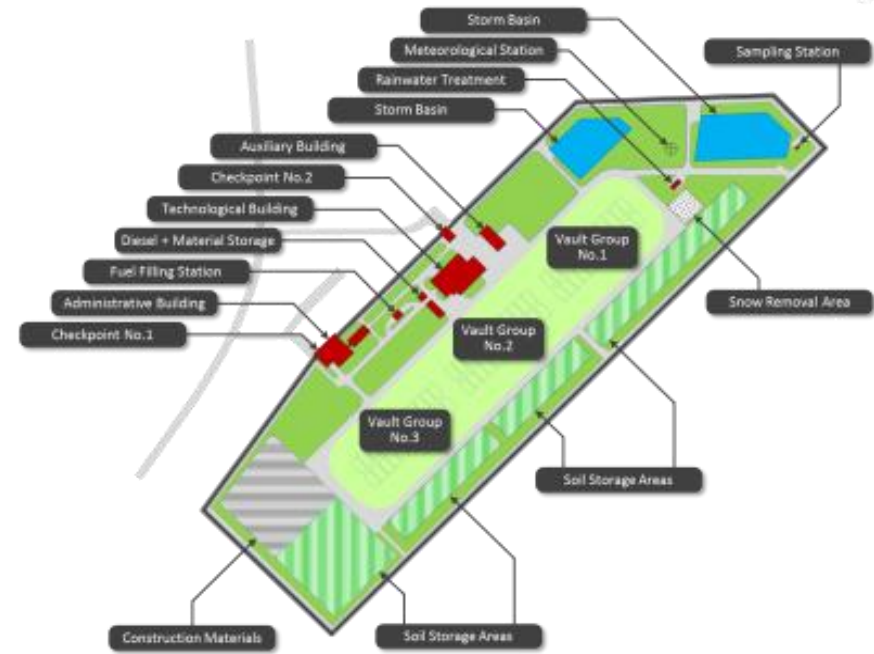
The objective:

- Construction of Near Surface Repository for disposal of Low and Intermediate Level Short-lived Radioactive Waste arising from INPP decommissioning.

Scope of the project:

- Detailed Design;
- Site preparation;
- Main Construction of Near Surface Repository facilities and equipment installation.

Status: Tender is ongoing





IGNALINOS
ATOMINĖ
ELEKTRINĖ

Elektrinės g. 12/1
Drūkšinių k. 31152
Visagino sav. Lietuva

Valstybės įmonė
Ignalinos atominė elektrinė
www.iae.lt

Telefonas +370 386 28985
Faksas +370 386 24396
El. paštas iae@iae.lt



Ignalinos AE eksploatacijos
nutraukimo veikla yra bendrai
finansuojama Europos Sąjungos