

**WORKSHOP ON RELEASE OF
SITES AND BUILDING
STRUCTURES, KARSLRUHE,
GERMANY, 27 SEPTEMBER – 1
OCTOBER 2010**

**PRESENTATION
OF THE REPUBLIC OF LITHUANIA**

Ignalina NPP



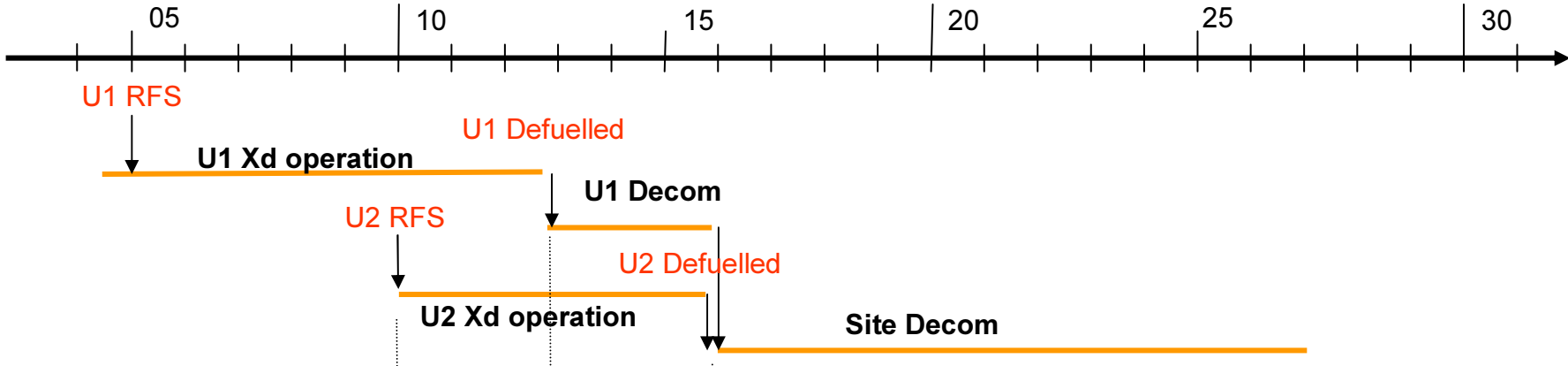
Ignalina Nuclear Power Plant

Unit 1 (RBMK-1500) in operation 1983-2004

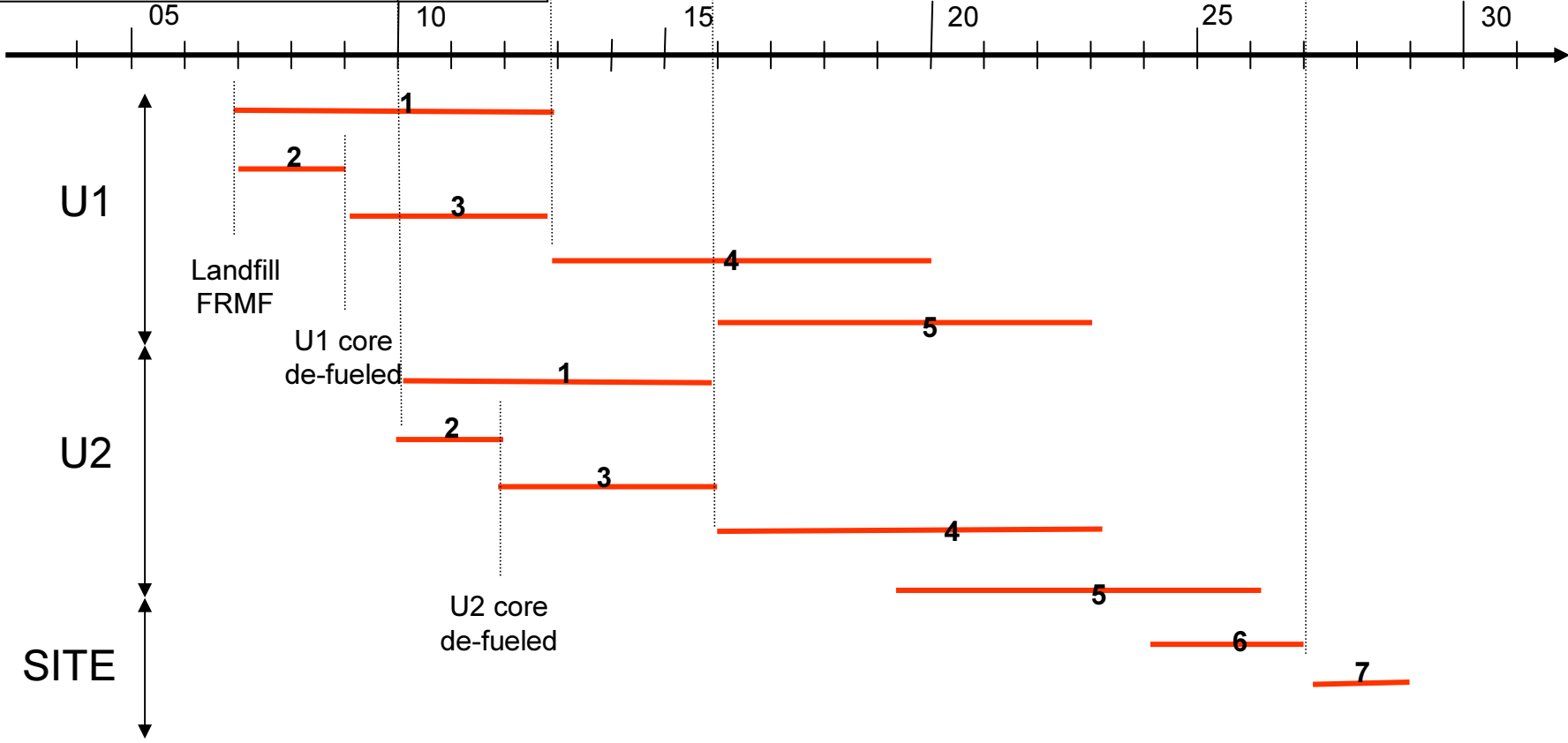
Unit 2 (RBMK-1500) in operation 1987-2009

Decommissioning – immediate dismantling

Licenses



Dismantling steps/authorizations



Ignalina Nuclear Power Plant. Decommissioning

Final decommissioning plan

Decommissioning project for defueling

Decommissioning and decontamination projects

Facilities need for the release the site of Ignalina NPP

Interim spent fuel storage facility

Construction of long lived radioactive waste storage
facility

Construction of intermediete lived radioactive waste
storage facility

Landfill Facility for Short-lived Very Low Level Waste

Near Surface Repository for Short-Lived Low and
Intermediate Level Radioactive Waste

Bituminised waste storage facility

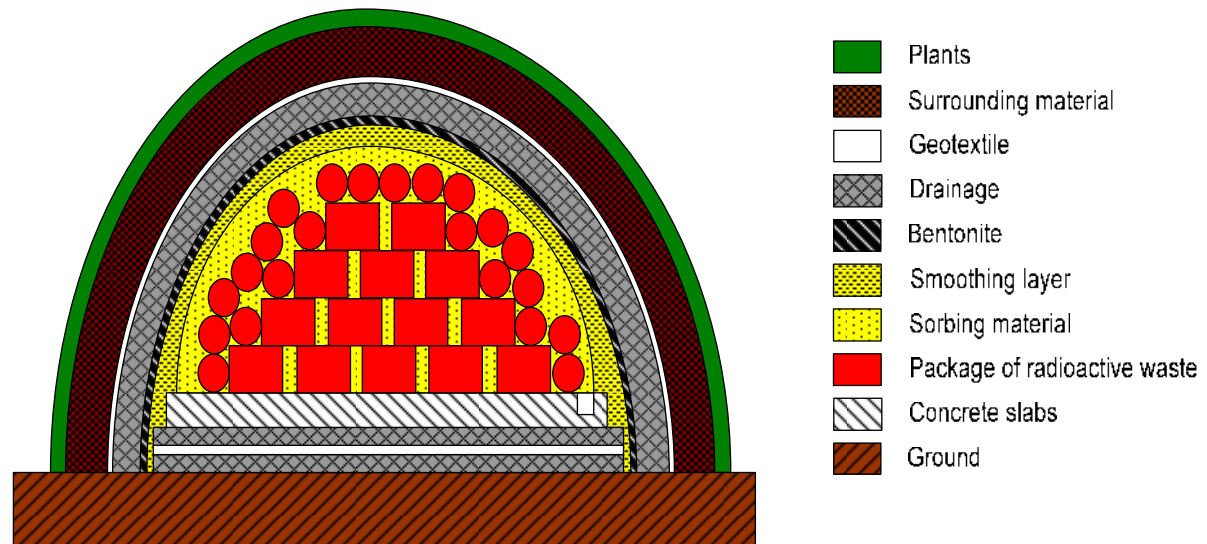
Bituminised waste storage facility



Landfill Facility for Short-lived Very Low Level Waste

EIA report approved

Capacity 60 000 m³

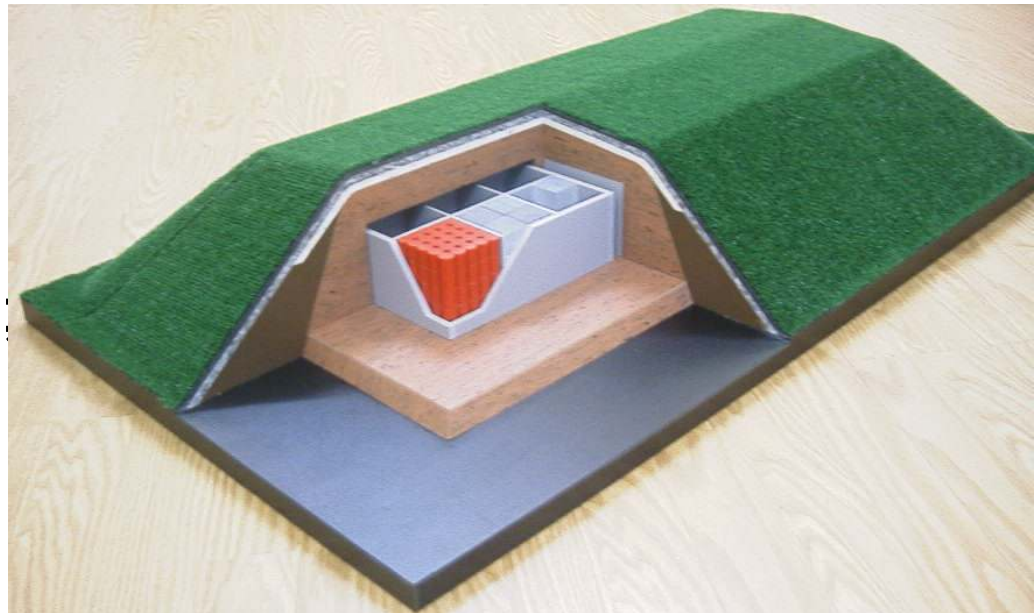


Near Surface Repository for Short-Lived Low and Intermediate Level Radioactive Waste

EIA report approved in
2007;

Site for the repository
construction selected;

Capacity 100 000 m³



The MAIN PROBLEMS

There are no global practices for technologies, methods dismantling of graphite-channel reactors. Many technical challenges must be resolved.

There are not approved methods for decontaminations and technologies of measurements the radioactivity of buildings and sites in Lithuania. This issue shall be resolved during a few years in future.

THANK YOU FOR YOUR
ATTENTION