

Dismantling experience of nuclear facilities

Code référence : 816



OBJECTIFS

The main objective is to acquire the knowledge which integrates capitalisation from dismantling experience of several types of nuclear facilities and :

- to give an overview of dismantling in France,
- to compare several decommissioning scenarios,
- to present the regulatory and safety aspects,
- to identify the issues of decommissioning,
- to have a general background on dismantling techniques and issues.

PUBLIC

Engineers, researchers and PhD students involved in nuclear industry: nuclear industry companies, research centres, Technical Safety Organizations (TSO), regulatory bodies.

PRÉ-REQUIS

Radiation protection, principles of nuclear reactors.

Trainees are expected to fit at least one of the following criteria:

- a first university degree in engineering or science related to nuclear technology,
- two to three years successful professional experience beyond university in the nuclear field,
- a first or second-level supervisory position, or a working level position with promotion potential.

CONTENU

- General overview on dismantling in France.
- French regulatory and safety aspects in decommissioning.
- Decommissioning scenarii.
- Decommissioning issues.
- Recent technical and technological issues.
- Dismantling techniques.
- Experience feedback.

MÉTHODE

Lectures and conferences (1-2 days). Technical visits of facilities already dismantled or under dismantling (3-4 days): Fontenay aux Roses, Bugey, Grenoble, Marcoule.

Maximum number of trainees: 16.

COLLABORATION

AREVA, ASN, CEA, EDF, SCK-CEN