

NUCLEAR SAFETY

COURSE IN ENGLISH

**EXAMPLE
OF TRAINING
PROVIDED**

OUR EXPERTS ENHANCE YOUR SKILLS

Decommissioning Safety

Code: CO1012

Session:
On demand

Registration deadline:
3 months prior to course

Duration: 5 days
Certificate of attendance
will be issued to participants
who attend the full course.

Price: Contact us!

**TO BE DESIGNED ACCORDING
TO YOUR EXPECTATIONS**

Prerequisites

Participants should have work experience and be familiar with fundamentals on different types of nuclear facilities.

Examination

Knowledge testing (multiple choice exam) will be performed on the full course content and successful candidates will be issued with a Knowledge Certificate.

Teaching methods

Lectures, discussions and practical sessions are included.

Working group exercises and technical visits are supervised by experienced TSO experts.

A USB stick containing the course material will be provided.



Objectives

To address topics relevant to the safety of decommissioning of nuclear facilities.

The training will consider aspects of national and international regulations, practical experiences and working-group activities related to the conduct of regulatory review.

Target Audience

This training is intended mainly for professionals from nuclear regulatory authorities and technical safety organizations.

Learning Outcomes

Participants will acquire:

- Main safety challenges and specific risks arising during decommissioning activities
- The fundamentals of decommissioning of nuclear facilities, including, inter alia, aspects of planning, conduct and termination of decommissioning.
- Detailed knowledge on the decommissioning of different types of nuclear facilities and on start points for decommissioning phases.
- Feedback on licensing and supervision experience during decommissioning.
- An introduction to an internationally accepted methodology for conducting decommissioning safety assessments and regulatory reviews.
- Information on safety assessment and related reviews from national examples.
- An understanding of how safety assessment results are implemented during decommissioning operations.

Program

The training will start with an overview of decommissioning aspects and the presentation of ongoing decommissioning projects (NPPs and fuel cycle facilities). This will ensure that all participants share the same understanding of decommissioning, and will set the scene for the further lectures.

A presentation of the methodologies used in France to make safety assessments and conduct regulatory reviews of such assessments will be the starting point for lectures by specialists on the following subjects: risk identification; human factors; radiation protection; fire safety; risks linked to handling activities during decommissioning; and radiological characterization vs. waste management.

A test case in radiation protection during decommissioning will be proposed to illustrate how to deal with these issues, and specific test cases on decommissioning safety and radiation protection will be proposed.

At the end of the module, a round table discussion session addresses issues identified by participants.

It is followed by an evaluation during which participants give their impressions of the module, with a review of the degree to which the needs expressed on the first day of training were met.

Contact :
training-tutoring@irsn.fr

Online catalogue
<https://formation.irsn.fr/en/>