

## Decommissioning Safety

**Session:** 5-9 March 2018

**Registration deadline:** 5 January 2018

**Duration:** 5 days

Certificates will be issued to participants who attend the full course.

**Location:** Paris, France

**Price:** €2 500 for participants

**Code:** 2018\_CO1012

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### Contact

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### Online catalog

[www.enstti.eu/training-catalog](http://www.enstti.eu/training-catalog)

### 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 respective topic related to the 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.

### PUBLIC

This training is intended for professionals mainly from:

- Nuclear Regulatory Authority,
- Technical Safety Organization.

### PRE-REQUISITES

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

### PROGRAM

The training will start by the 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.

Second day will start with the presentation of the methodologies for safety assessment and regulatory review of safety assessment implemented in France.

This will be the starting point for lectures performed by specialists addressing the risks identification, human factors, radiation protection, fire safety, risks linked to handling activities during decommissioning and radiological characterisation vs waste management.

To illustrate how to deal with these issues, a test case in radiation protection during decommissioning will be proposed to the participants.

In addition, during this training, a specific session will be dedicated to innovative techniques for decommissioning related to 3D simulation and contaminated site characterization with geostatistics concepts.

### LEARNING OUTCOMES

- Introduce the fundamentals of decommissioning of nuclear facilities, including inter alia aspects of planning, conduct and termination of decommissioning,
- Enhance knowledge on the particularities of the decommissioning of different types of nuclear facilities and start points for decommissioning,
- Provide experience feedback on licensing and supervision during decommissioning,
- Introduce to the participants an internationally accepted methodology on the conduct of safety assessment for decommissioning,
- Introduce to the participants an internationally accepted methodology on the regulator review of the results of a safety assessment for decommissioning,
- Provide various national examples on safety assessment and related reviews,
- Explain the process of implementation of safety assessment results during conduct of decommissioning actions.