

## Regulatory Control of Nuclear Sites: Inspection of Environmental and Occupational Radiation Protection (Module 1)

**Session:** Once or twice a year

**Registration deadline:** 3 months prior to course

**Duration:** 5 days

Certificate of attendance will be issued to participants who attend the full course.

**Price:** €2,500 for participants

**Code:** CO1039

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### Contact

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### Online catalogue

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

### 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 provide participants with an understanding of the basis for regulatory inspection programs; of how such programs are linked to the nature of the radiation hazards associated with nuclear installations; and how to design, conduct and follow up such inspection programs for environmental and occupational radiation protection in nuclear installations.

### TARGET AUDIENCE

- Professionals, primarily from nuclear regulatory or nuclear safety technical expertise organizations, who are involved in activities related to the regulatory control or assessment of the safety of nuclear installations.
- Professional from licensee organizations with responsibilities for safety and licensing.

### LEARNING OUTCOMES

Participants will acquire an understanding of:

- Compliance assurance activities undertaken by the regulatory authority, with a focus on inspection.
- The nature of radiation hazards associated with nuclear facilities.
- The radiation protection and safety programs set up to monitor radiation exposure of workers in these facilities and of the surrounding populations.
- How to address the design, conduct, reporting and follow-up of inspection programs.

### PREREQUISITES

Participants will require basic knowledge in the area of nuclear and radiation science and technologies and an understanding of nuclear safety and regulatory processes.

### PROGRAM

The 5-day training module will cover the following subjects:

- An introduction to regulatory inspection.
- Regulatory inspection related to protection of the public and the environment.
- Regulatory inspection related to operational radiation protection.

It includes a number of practical exercises in which participants will work in groups to address issues related to the subject matter being presented.

Each day, there is a summary session to enable general feedback and discussion of the topics covered during the day.

At the end of the module, there will be a roundtable discussion session to address issues identified by participants, 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.