

Regulatory Control of Nuclear Sites: Inspection during the Site Characterization and Construction Phases (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: CO1026

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Contact

Marie-Gabrielle Badinga
+33 (0)1 58 35 85 06
+33 (0)6 08 48 48 96
<mailto:marie-gabrielle.badinga@enstti.eu>

Online catalogue

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 trainees with an understanding of the site characteristics that influence safety and of the approaches for investigating and assessing the significance of such characteristics.

TARGET AUDIENCE

This training addresses:

- Professionals involved in regulatory and technical support processes related to the investigation of nuclear facility sites and assessment of their suitability.
- Professionals who are relatively new to the nuclear regulatory process and experienced technical specialists who wish to gain further insights into the licensing process and its interaction with the more detailed technical work that supports the regulatory process.

PROGRAM

The first module covers nuclear regulatory activities related to the investigation and assessment of the suitability of nuclear facility sites, both during the site selection phase and periodically during the operational phase. It includes the design, coordination, reporting and follow-up of regulatory inspection programs relating to the site.

In addition to the general introduction, the module will cover the following subjects:

- Regulatory aspects of siting and site evaluation.
- Assessment of external events.
- Site characteristics influencing the potential effects of the nuclear facility in the surrounding area.

Note: The two modules (Module 1 "Regulatory Control of Nuclear Sites: Inspection during the Site Characterization and Construction Phases" and Module 2 "Regulatory Control of Nuclear Sites: Inspection during the Construction Phase - Site Assessment") are stand-alone and participants can attend both or either modules.

LEARNING OUTCOMES

Participants will gain an understanding of the site-related characteristics that are relevant to nuclear and radiological safety, and of the approaches taken to investigate these characteristics and to assess their impact on the suitability of the site.

PREREQUISITES

Participants will require a basic knowledge of nuclear facility technology, nuclear and radiation safety, and nuclear regulatory processes.