

Regulatory control of Nuclear Sites: Inspection of Emergency Preparedness and Response arrangements

Session: To be determined 2018

Registration deadline: To be determined 2018

Duration: 5 days
Certificates will be issued to participants who attend the full course.

Location: Madrid, Spain

Price: No fees for INSC participants
€2 500 for non-INSC participants

Code: 2018_CO1034

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Online catalog

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 provide participants with the understanding of:

- European and International regulatory framework on nuclear Emergency Preparedness and Response, including oversight and inspection focused in nuclear sites,
- The type and nature of potential accidents at nuclear power plants,
- The radiation hazards associated with those situations,
- The basic principles for protecting people and the environment,
- The regulatory framework on nuclear Emergency Preparedness and Response.

PUBLIC

This training is intended for:

- Engineers and other professionals with responsibilities associated with implementation of emergency preparedness at a national level,
- Experts from nuclear regulatory authorities and technical support organisations.

PRE-REQUISITES

Participants should have a basic knowledge of accidents in nuclear facilities and in the field of applied radiation technologies.

PROGRAM

The module consists of five days of training, which will cover the following subjects:

- The basic concepts related to NPP accidents, and their consequences,
- The effects of ionizing radiation, the exposure pathways, and protective measures,
- The European and International requirements regarding the Emergency Preparedness and Response (EPR) to a nuclear or radiological accident situation, including regulation, regulatory inspection and recent improvements in this field,
- The main arrangements and associated plans, including Emergency centres of nuclear safety authorities and TSOs including organization, methods & tools and information exchanges,
- Technical visits to Nuclear and Radioactive Emergency Centres at the Spanish Regulatory Body, and to the post-Fukushima new nationwide Technical Support Centre, at Tecnatom.