

National System for Emergency Preparedness and Response

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: CO1028

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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

Helping the people and organizations responsible for national emergency response to be ready to manage unexpected situations arising from nuclear or radiation related accidents so as to provide government with the best possible technical support and assistance for managing the crisis.

TARGET AUDIENCE

This training is intended for:

- engineers and other professionals with responsibilities associated with the implementation of emergency preparedness at a national level,
- experts from nuclear regulatory authorities and technical support organizations.

PREREQUISITES

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

LEARNING OUTCOMES

- A better understanding of the general principles of EP&R: basic goals & general requirements, implementation.
- A view of regulations in force in various European countries and differences between these countries.
- A better understanding of emergency response arrangements in different European countries: goals, emergency response phases, emergency management, roles & responsibilities, assessment methods & tools, on-site and off-site plans.
- A better understanding of the importance of communication during a nuclear crisis and of acquiring the basic principles.
- A better understanding of safety authorities/TSOs and of emergency center resources and functioning.
- A better understanding of the importance of emergency preparedness: exercise methodology and recent developments resulting from exercises, training.
- A better understanding of the role of mobile teams in emergency situations.

PROGRAM

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

- Introduction to EP&R definitions and generalities, with presentation of related regulations in European countries.
- Emergency response arrangements in Europe in case of accident, including communication and information dissemination in emergency situations.
- The emergency centers of nuclear safety authorities and TSOs, including organization, methods & tools, information exchanges and emergency preparedness.
- Post-accident management and operational management.
- Technical visit with feedback from a radiotherapy accident.