



Nuclear Materials Protection, Nuclear Safeguards and Interface with Nuclear Safety

Session: 19-23 November 2018

Registration deadline: 19 September 2018

Duration: 5 days

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

Location: Paris, France

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

Code: 2018_CO1011

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Contact

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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

The objective of this training module is to provide awareness and a transfer of knowledge in the field of nuclear security and its interfaces with nuclear safety and safeguards for nuclear and other radioactive materials.

It is aimed at maintaining and increasing technical competence and ensuring sustainable development of nuclear technology.

PUBLIC

Professionals involved in nuclear security activities employed in National Regulatory Authorities (NRA) and Technical Support Organizations (TSO).

PROGRAM

The course is focused on international safeguards, physical protection and accounting for and the control of nuclear materials.

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

- Nuclear security culture and the compatibility between nuclear safety and nuclear security and the complementarities between security and safeguards,
- The approach to deal with non-proliferation issues through international safeguards (IAEA and EURATOM),
- Nuclear security principles,
- Security of nuclear materials and nuclear facilities,
- The transport of nuclear materials,
- Accounting for and control of nuclear materials (in connection with nuclear security),
- Measurement of nuclear materials for protection against theft,
- Security of radioactive materials,
- The assessment process for nuclear security systems,
- Emergencies situations related to nuclear security.

LEARNING OUTCOMES

An improved understanding and competences in relation to nuclear security and its interfaces with nuclear safety and safeguards.

PRE-REQUISISTE

Participants should have basic knowledge in the fields of nuclear energy and nuclear security.