

## EXTREME – External Threat Response Management Exercise

**Session:** 3-5 October 2018

**Registration deadline:** 3 August 2018

**Duration:** 3 days

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

**Location:** Paris, France

**Price:** No fees for participants invited by IAEA  
For others participants please contact us

**Code:** 2018\_CO1008

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### Contact

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### Online catalog

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

### Examination:

Knowledge testing 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 is to identify and develop key issues related to the effectiveness of response to a severe attack against an NPP.

### PUBLIC

Professionals:

- involved in nuclear safety and security,
- from national nuclear security authorities,
- from police forces involved in nuclear emergency planning and response.

A mix of these three categories of experts is highly desirable.

### PRE-REQUISISTE

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

### PROGRAM

The course is based on generic case study to address crisis decision management. The scenario considers an attack on an NPP requesting an emergency response at national level and provides successive failures of safety functions requiring timely and appropriate measures to be taken to stop the aggression and restore safety and security on the site. The course is a scenario driven with time-stepped facilitated discussion.

The module consists of three days of training. The scenario is divided into four phases and nine sequences, each addressing a homogeneous stage of the emergency situation:

- Reflex phase:
  - First sequence: the attack,
- Reflection phase:
  - Second sequence: first statement/first response,
  - Third sequence: emergency management deployment,
  - Fourth sequence: failure of first actions,
  - Five sequence: analysis of the situation,
  - Sixth sequence: intervention strategy,
  - Seventh sequence: decision-making process for assault,
- Response phase:
  - Eighth sequence: assault by SWAT,
- Recovery phase:
  - Ninth sequence: recovery strategy.