

NUCLEAR SAFETY

COURSE IN ENGLISH

**EXAMPLE
OF TRAINING
PROVIDED**

OUR EXPERTS ENHANCE YOUR SKILLS

Lessons Learned from the Fukushima Daiichi Accident and the EU Stress Test

Code: CO1032

Session:
On demand

Registration deadline:
3 months prior to course

Duration: 5 days
Certificate of attendance
will be issued to participants
who attend the full course.

Price: Contact us!

**TO BE DESIGNED ACCORDING
TO YOUR EXPECTATIONS**

Prerequisites

Basic knowledge in the area of nuclear and radiation science and technologies.

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, round table with experienced experts from European safety organizations.

Practical exercises will take place during the week.

A USB stick containing the course material will be provided.

Objectives

To provide trainees with a thorough background on the accident at the Fukushima Daiichi nuclear power plant, its consequences and all related topics; on the lessons learned from the plant behavior assessment, the severe-accident management and emergency response; and on the insights from post-Fukushima activities like the EU stress tests.

Target Audience

Professionals involved in nuclear safety and radiation protection activities, and who are employed by nuclear regulators or their technical safety organizations.

Learning Outcomes

Trainees will gain important up-to-date information to apply to their activities in the fields of nuclear safety and radiation protection.

Program

The 5-day training module will cover the following subjects:

- General presentations of the accident, its management and consequences.
- Extreme natural hazards.
- Safety systems of the Fukushima Daiichi plant and accident management.
- European stress tests.
- Examples of national approaches in Europe.
- Off-site emergency response and consequences of the Fukushima Daiichi accident – short-term response and long-term management.
- Challenges related to emergency preparedness and post-accident management. • Facility types other than NPP, and R & D related to the Fukushima accident.

At the end of the module, a roundtable discussion session addresses issues identified by participants.

It is followed by an evaluation during which participants give their impressions of the module, with a review of the degree to which the needs expressed on the first day of training were met.

Contact :
training-tutoring@irsn.fr

Online catalogue
<https://formation.irsn.fr/en/>