

Training Course

on

“NPP Safety Analysis Report & regulatory review”

October 10-14, 2022

GATE Center – Pisa (Italy)

Largo Padre Renzo Spadoni, 2

Training objective

The training course, quite intensive, has the objective to present and discuss current technologies, the safety conception of a NPP, the content and requirements of SAR for construction license, then regulator's role and approach for regulatory review.

Target audience

Staff of: nuclear regulatory authorities (NRA), technical and scientific support organizations (TSO), research organizations and design companies.

Participant background

Scientific technical background. Basic knowledge of nuclear reactors would help.

Lecturers

EU senior experts with regulators view, experienced in training activity will provide lectures and direct the discussion.

Program topics

- NPP current technologies
- NRA function & responsibilities
- deterministic & probab. safety objectives
- implementation of DiD principle
- requirements for safety functions and safety systems
- internal & external hazards
- accident analysis
- management of severe accidents
- SAR structure and content
- regulatory licensing review process
- management of the licensing process
- requirements for SAR struct. & content
- SAR regulatory review and TSO support.
- EU legal framework for N&R safety and international standards
- practical applications

Learning outcomes

- Understanding and familiarization with:
- EU directives & institutions for N&R safety
 - role of nuclear regulator
 - safety objectives & principles of current NPP technologies
 - prevention & mitigation principle
 - implementation of DiD levels
 - frontline and support safety systems to ensure safety functions
 - accident analysis (DBA, DEC) and management of severe accidents
 - licensing process and "auditability" concept of the SAR content
 - use of PSA in the licensing process
 - regulatory management SAR review and use of external support
 - regulatory role in public information & communication

Course information

Duration of the course: 5 days

Date/place: October 10-14, 2022 - *GATE Center – Pisa (Italy)*

Language: English

Fee: € 1.900 (+VAT 22%) including training material (paper and electronic copy) and *coffee breaks and daily lunch*.

Special discount for more participants from the same organization.

Registration deadline:

Early deadline September 26, 2022

Later registration possible with 10% fee supplement.

Registration form available on our website: www.iter-consult.it

Certificate of attendance will be issued to the participants attending the course.

Accommodation

On request information regarding suitable hotels in Pisa will be provided.

Contacts:

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