

Joint IAEA-ICTP Essential Knowledge Workshop on Nuclear Power Plant Design Safety: Updated IAEA Safety Standards



9 – 20 October 2017
Trieste, Italy

Further information:

Activity URL: <http://indico.ictp.it/event/7996/>
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This course will cover novel design concepts that were recently introduced into the IAEA Safety Standards and new developments in approaches to severe accident management. The topics covered will include design extension conditions, practical elimination, modern design features, a survey of state-of-the-art analyses methods, severe accident phenomena, and the development and deployment of accident management programs.

Topics:

- Design extension conditions
- The concept of practical elimination
- Advanced reactor design concepts
- Implementation of IAEA safety standards for NPP design and accident management
- Development of severe accident management strategies
- Analysis of plant vulnerabilities and capabilities
- Staffing and qualification, including drills and exercises
- Verification and validation of SAMGs

Director:

A.P. Ulses (IAEA, Vienna)

Local Organizer:

C. Tuniz (ICTP)

How to apply:

Online application:
<http://indico.ictp.it/event/7996/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Deadline:

25 August 2017



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