



Explore the future of nuclear with NEA's International School for the Implementation of Safety Evaluation

Dive into a world of innovation, cooperation, and regulatory excellence as we explore the frontiers of a safe nuclear technology together.

Foundation for action

Among the NEA's many cooperative frameworks, the Multinational Design Evaluation Programme (MDEP) has been a ground-breaking multinational initiative, bringing together national regulators for over 17 years to review new reactor designs. More than a programme, this initiative defined a global community firmly committed in advancing safety and regulatory harmonization.

With the aim of achieving regulatory harmonisation, this programme will target the immediate needs of stakeholders involved in advancing safety regulation for new nuclear technology.

Sharing knowledge for a bright future

The MDEP framework explored in depth five nuclear power plant designs. It produced 39 common positions, addressing

a wide range of technical topics and 43 technical reports that shed light on the similarities and differences in national requirements and practices. The topics of the technical reports were selected based on the issues arising from regulatory activities in member countries, safety implications, or the general need to have a better understanding of the subject.

New horizons

As we step into the future, we make our priority to gather the best of the knowledge produced, in particular by MDEP, and disseminate this experience among a larger audience. Join us in this journey to develop solutions for the challenges ahead.

What is proposed?

A three-module course at Khalifa University, in Abu Dhabi (United Arab Emirates), for regulators, industry and decision-makers, based mainly on MDEP experience.

Module 1: general overview of the safety considerations for MDEP designs and new technologies.

Module 2: detailed safety assessment topics for the cross-cutting technical issues.

Module 3: detailed design-focused safety assessment topics and study cases.

Aims and benefits

- Fostering multi-disciplinary skills and competences through hands-on training;
- Participating in challenging and innovative activities;
- Mentorship from experts to transfer knowledge to the next generation of professionals;
- Apply the knowledge acquired to address real-world issues and global challenges.

Why UAE

A fast-evolving country and a successful example of an embarking experience in the nuclear field, UAE is now involved in numerous international initiatives and boasts a wealth of human resources open to exchange and learning.

Who should attend

- Regulators and their technical support organizations (TSOs) from embarking countries or those providing support to embarking countries;
- Newly recruited staff of regulatory bodies and licensees from vendor countries;
- Licensees from embarking countries (to learn about regulatory expectations);
- Decision makers in embarking countries;
- Students aiming to work for a licensee or regulatory body.

Get involved

Become part of NEA's International School for the Implementation of Safety Evaluation, where you'll gain insights into the regulatory practices and expectations. Expand your horizons and take advantage of this unique opportunity to enhance your knowledge while shaping the future of nuclear energy.

Contact us

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Additional information can be found:
www.oecd-nea.org/mdep/



Join us as we shape the future of nuclear safety and design evaluation!