



Training Course on Decommissioning of Nuclear Installations

Place

Munich, Germany

Date

February 19th - 20th, 2009

Who should attend?

The course module is tailored to university graduates in engineering and science preparing for careers at nuclear utilities, vendors, suppliers, regulators, international organisations, expert organisations and consultants. The module is also well suited for young academic professionals in nuclear organisations and for nuclear re-education of engineers and scientists working in other fields.

Lecturers

The lectures are given by internationally renowned experts and executives from industry, research institutes and universities.

Registration deadlines

Early registration: February 2nd, 2009

Late registration: February 16th, 2009

Registration fees*

Early registration: 1.000 €

Late registration: 1.200 €

* Fees include VAT, cover lectures and course material.

Public bodies and ENEN members receive a 20 % reduction.
Grants are available for a limited number of students.

Information / registration

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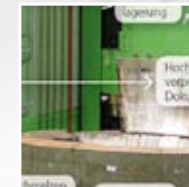
Further details and registration at www.isar.tum.de/courses

Venue and Accommodation

The lectures will be given on the premises of the Technical University of Munich.

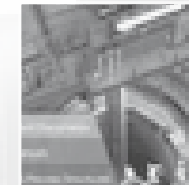


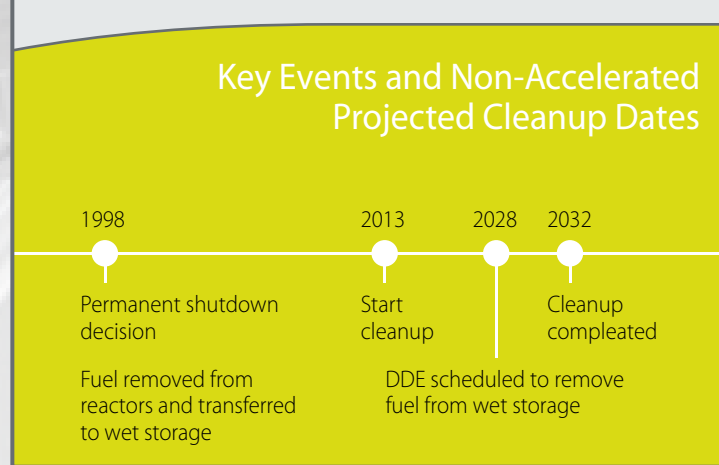
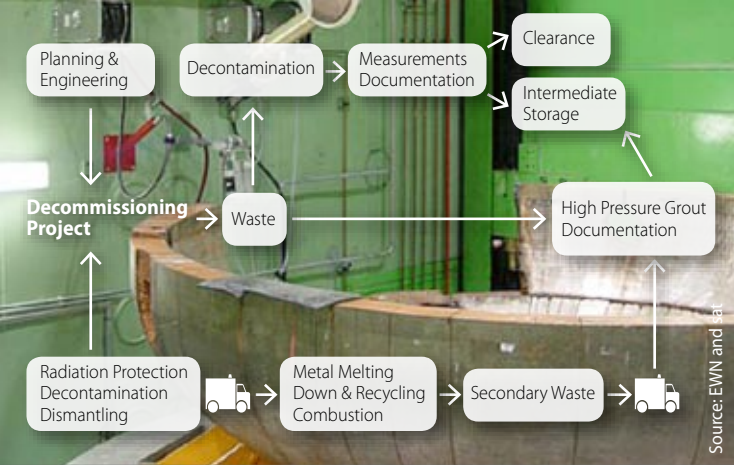
Training Courses



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Summary

This course module covers strategies and procedures to decommission nuclear installations after their useful life. The scope ranges from early preparatory steps up to greenfield solutions. Focus is on processes related to the dismantling phase.

Objectives

Participants are expected to achieve a good understanding of

- the different phases of decommissioning
- regulatory boundary conditions
- engineering technologies used for dismantling
- quantity and composition of relevant radioactive material
- methods for conditioning, transportation and disposal of radioactive waste
- concepts for water management
- the role and functionality of operational systems for decommissioning
- requirements and procedures of radioprotection and dose management
- the implementation of lessons learned from operating experience
- the bases of time scheduling and cost estimation.

Syllabus

- Decommissioning options and phases
- Overview of decommissioning projects
- Regulatory aspects
- Specific process engineering technologies
- Basic requirements on technologies
- Dismantling
- Treatment of radioactive substances
- Conditioning of radioactive waste
- Component maintenance
- Storage and transportation
- Final disposal
- Water management
- Operational systems for decommissioning
 - ventilation
 - water collection and treatment
 - fire detection and protection
- Radioprotection and dose management
- Evaluation of experience
- Typical time schedules and cost estimations

