Radioactive Waste Management and Decommissioning

**Purpose**
To provide learners with a high level appraisal of the underlying principles of radioactive waste management and decommissioning.

**At the end of the course you will be able to**
1. Critically review management of wastes from nuclear power plants
2. Consider disposal of spent nuclear fuel
3. Evaluate design considerations for reactor decommissioning.

**Outline content**
Nuclear waste management
- System of clearance
- Discharge, disposal, recycling and re-use
- Regulated management and disposal of radioactive waste

Nuclear fuel disposal
- Disposal options
- Design and operational safety of facilities
- Long-term safety assessment
- Regulatory involvement

Reactor decommissioning
- Reactor shutdown
- Closure of decommissioning project
- Reactor dismantling strategy and planning
- Safety and radiation protection standards and criteria
- Safety management strategy
- Key regulatory issues

**Recommended prior study**
Education, skills or experience equivalent to undergraduate level

**Who should attend**
Managers, engineers, operators, safety advisors and risk management practitioners

**Module is available as**
- Face-to-face (classroom) delivery
- Attendance-only (without assessment), or
- Attendance plus assessment by Risktec consultants

**Assessment details**
Activities and/or assignments

**Other Details**
Duration: 1 day

**Price**
For prices and further information, or to book a course, please contact training@risktec.tuv.com

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