

# 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 **Vicky Billingham** at [training@risktec.tuv.com](mailto:training@risktec.tuv.com)

## **Contact**

Risktec Solutions Ltd  
Wilderspool Park  
Greenall's Avenue  
Warrington  
WA4 6HL  
United Kingdom

Tel +44 1925 611 200  
[training@risktec.tuv.com](mailto:training@risktec.tuv.com)  
[risktec.tuv.com](http://risktec.tuv.com)