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### Overview

This unit is about activity in the identification of residual safety risks, ie those risks that have to be minimised and managed.

This activity includes reviewing the evidence produced for the safety case, identifying the residual safety risks, identifying how to minimize and manage the risks, providing recommendations for controlling the risks and establishing responsibilities for doing so.

This activity is likely to be undertaken by someone involved in preparing safety cases, either by managing them or by contributing technical content for them.

This unit deals with the following:

1. Identifying residual safety risks in nuclear safety cases

During this work you must take account of the relevant worksite operational requirements, procedures and safe working practices AS THEY APPLY TO YOU.

Previous Version: Unit N315 National Occupational Standards in Radiation Protection - December 2005

# COGSC15

## Identify residual safety risks in nuclear safety cases

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### Performance criteria

*You must be able to:*

- P1 review all the evidence produced for the safety case
- P2 identify the type and degree of the residual safety risks of the activity
- P3 identify the activities and resources that are needed to minimise and manage the residual safety risks
- P4 consult with all key stakeholders on their views of the residual safety risks
- P5 provide recommendations and specifications for ways to minimise and manage the residual safety risks
- P6 establish responsibilities for developing the means to minimise and manage residual safety risks
- P7 comply with all relevant regulations and standards, and record all relevant actions and outcomes in the appropriate information systems

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### Knowledge and understanding

*You need to know and understand:*

- K1 ALARP principles
- K2 communication and presentation methods
- K3 hazard and risk assessment methods
- K4 health and safety issues and requirements
- K5 nuclear industry: types of facilities, materials, and processes
- K6 organisational structures and procedures
- K7 radiation: types, sources, and hazards
- K8 safety case design and preparation
- K9 stakeholder requirements
- K10 statutory requirements, regulations, and standards, including international, national, and local

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**Relevant occupations** Professional Occupations; Engineering Professionals; Engineering and manufacturing technologies; Engineering

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**Suite** Safety Case Preparation

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**Key words** identify, residual, safety risks, safety case, review, recommendations