

COGSC12

Write technical content for inclusion in nuclear safety cases



Overview

This unit is about activity in the production of written technical content, for example to summarise data and outline findings.

This activity includes confirming what is required and obtaining the data and details needed for the technical content, presenting the technical content in a logical order, producing accurate and useful text and graphics, meeting the agreed timescale.

This activity is likely to be undertaken by someone involved in preparing safety cases primarily by writing them or contributing to the detailed content.

This unit deals with the following:

1. Write technical content for inclusion 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 N312 National Occupational Standards in Radiation Protection - December 2005

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Performance criteria

- You must be able to:*
- P1 confirm the technical content required for the safety case
 - P2 obtain all data and details that need to be incorporated into the technical content
 - P3 identify the main aspects of the technical content that need to be conveyed
 - P4 identify and order the sections of the technical content to produce a logical structure
 - P5 produce text and graphics to effectively convey the required technical content
 - P6 ensure that the text and graphics are free from errors according to the agreed procedures
 - P7 produce text and graphics in the formats required in the safety case
 - P8 provide the technical content to the relevant stakeholders according to the agreed time scale
 - P9 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 communication and presentation methods
- K2 hazard and risk assessment methods
- K3 health and safety issues and requirements
- K4 nuclear industry: types of facilities, materials, and processes
- K5 organisational structures and procedures
- K6 radiation: types, sources, and hazards
- K7 safety case design and preparation
- K8 stakeholder requirements
- K9 statutory requirements, regulations, and standards, including international, national, and local

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Suite Safety Case Preparation

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