

COGSC3

Plan and co-ordinate the preparation of nuclear safety cases



Overview

This unit is about activities in developing a project plan that will guide preparation of a safety case involving the co-ordination of all relevant resources.

This activity includes reviewing the requirements of the safety case, identifying the work that needs to be done and the resources required to complete it, scheduling the work, taking into account any uncertainties or risks, calculating costs, monitoring progress and ensuring the work is completed on time.

The activity is likely to be undertaken by someone involved in preparing safety cases primarily by managing them.

This unit deals with the following:

1. Plan and co-ordinate the preparation of a 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 N303 National Occupational Standards in Radiation Protection - December 2005

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Performance criteria

- You must be able to:*
- P1 review all relevant factors that need to be taken into account during the preparation of the safety case
 - P2 specify clearly the work that is needed to prepare the safety case, and assess the options for delivering the work
 - P3 identify the resources and skills required for the preparation of the safety case
 - P4 schedule the optimum sequence, milestones, and deadlines for the safety case, and integrate them into the project plan
 - P5 identify any uncertainties and project risks associated with the preparation of the safety case
 - P6 calculate the cost of preparing safety case, and obtain authorisation for expenditure if necessary
 - P7 monitor the progress being made to ensure the work is completed according to schedule
 - P8 assess whether the work is providing suitable evidence for use in the safety case
 - P9 maintain contact with all relevant stakeholders, and provide information on progress at regular intervals
 - P10 identify and resolve any problems relating to the preparation of the safety case
 - P11 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 hazard and risk assessment methods
- K2 health and safety issues and requirements
- K3 nuclear industry: types of facilities, materials, and processes
- K4 organisational structures and procedures
- K5 project planning methods
- K6 radiation: types, sources, and hazards
- K7 safety case design and preparation
- K8 statutory requirements, regulations, and standards, including international, national, and local

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Suite Safety Case Preparation

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