

COGN204

Develop contingency plans for responding to radiation incidents



Overview

The main outcome of this activity is the development of contingency plans for responding to radiation incidents, which could have an impact on the site or the surrounding area.

This activity includes identifying potential radiation incidents and how they could develop; selecting methods and resources for detecting and controlling incidents; specifying procedures for responding to incidents; disseminating and testing the contingency plans; providing support for the implementation of the contingency plans, and reviewing them.

This activity is likely to be undertaken by someone whose work role is focused on radiation protection.

This unit deals with the following:

- 1 Develop contingency plans for responding to radiation incidents

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:

Adapted from Unit N204 of Radiation Protection NOS – version February 2006.

COGN204

Develop contingency plans for responding to radiation incidents

Performance criteria

- You must be able to:*
- P1 identify the types of reasonably foreseeable radiation incidents that could occur as a result of workplace activities
 - P2 identify the way that radiation incidents could initiate and develop, and outline their consequences
 - P3 select the appropriate methods and resources that should be used for detecting and controlling radiation incidents
 - P4 specify the procedures for all relevant people to respond to radiation incidents
 - P5 ensure that the contingency plans are made available to all relevant people and are incorporated into all relevant radiation protection systems
 - P6 test the contingency plans for responding to the radiation incidents before implementing them
 - P7 provide appropriate support and assistance to ensure the contingency plans are implemented effectively
 - P8 review the contingency plans at regular intervals or in response to radiation incidents
 - P9 comply with all relevant regulations and standards, and record all relevant actions and outcomes in the appropriate information systems

COGN204

Develop contingency plans for responding to radiation incidents

Knowledge and understanding

You need to know and understand:

- K1 communication and presentation methods
- K2 contingency planning
- K3 health and safety issues and requirements
- K4 nuclear industry: types of facilities, materials, and processes
- K5 organisational structures and procedures
- K6 radiation incidents
- K7 radiation protection issues
- K8 radiation protection systems
- K9 radiation: types, sources, and hazards
- K10 risk assessment and hazard identification methods
- K11 sources of authoritative information on radiation protection
- K12 statutory requirements, regulations, and standards, including international, national, and local

COGN204

Develop contingency plans for responding to radiation incidents

Developed by Cogent

Version number 1

Date approved September 2008

Indicative review date September 2010

Validity Current

Status Original

Originating organisation Cogent

Original URN N204

Relevant occupations Engineering Professionals; Engineering and manufacturing technology

Suite Radiation Protection

Key words Health, ionising, nuclear, radiological, safety, hazards