



Office for Nuclear Regulation (ONR) Quarterly Site Report for Chapelcross

Report for period 1 April – 30 June 2016

Foreword

This report is issued as part of ONR's commitment to make information about inspection and regulatory activities relating to the above site available to the public. Reports are distributed quarterly to members of the Chapelcross Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/lc/>).

Site inspectors from ONR usually attend Chapelcross Site Stakeholder Group meetings and will respond to any questions raised there. Any person wishing to enquire about matters covered by this report should contact ONR.

1 INSPECTIONS

1.1 Dates of inspection

The ONR site inspector made inspections on the following dates during the quarter:

- 11-15 April 2016
- 20-24 June 2016

During the April inspection, the site inspector was accompanied by a radioactive waste specialist inspector and two radiation protection specialist inspectors. During the June inspection, the site inspector was accompanied by a mechanical engineering specialist inspector

2 ROUTINE MATTERS

2.1 Inspections

Inspections are undertaken as part of the process for monitoring compliance with:

- the conditions attached by ONR to the nuclear site licence granted under the Nuclear Installations Act 1965 (NIA65);
- the Energy Act 2013;
- the Health and Safety at Work Act 1974 (HSWA74); and
- regulations made under HSWA74, for example the Ionising Radiations Regulations 1999 (IRR99) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).

The inspections entail monitoring licensee's actions on the site in relation to incidents, operations, maintenance, projects, modifications, safety case changes and any other matters that may affect safety. The licensee is required to make and implement adequate arrangements under the conditions attached to the licence in order to ensure legal compliance. Inspections seek to judge both the adequacy of these arrangements and their implementation.

In this period, routine inspections of Chapelcross covered the following:

- Incidents on site
- Warning notices
- Instructions to persons on site
- Training
- Emergency Arrangements
- Duly authorised and other suitably qualified and experienced persons
- Operating rules
- Operating instructions
- Safety Mechanisms, devices and circuit
- Examination, inspection, maintenance and testing
- Leakage and escape of radioactive material and radioactive waste

ONR site inspector considered the areas sampled for incidents on site, instructions to persons on site and duly authorised and other suitably qualified and experienced persons and considered them green with regard to the new inspection rating, with only minor comments and areas for improvement. ONR undertook the observation of the site demonstration exercise under emergency arrangements and considered the position to be green in line with the new rating system. ONR commended some of the behaviours exhibited by the site emergency staff.

The mechanical engineering specialist inspector and the site inspector carried out inspections aimed at judging the adequacy of nuclear lifts on the site in line with their safety cases. This primarily covered one of the pond cranes and one of the mobile cranes associated with the decommissioning and dismantling work on the heat exchangers. In general, ONR noted the position to be green in line with the new rating system, but ONR noted a deficiency associated with compliance with the site arrangements for the mobile crane and the site has agreed to address this area.

For the warning notices inspection, ONR found deficiencies with regard to the recording of the location of warning notices on the site. The site has agreed to undertake improvement to address the deficiencies and the ONR inspector considers that the deficiencies can be easily addressed.

3 NON-ROUTINE MATTERS

Licensees are required to have arrangements to respond to non-routine matters and events. ONR inspectors judge the adequacy of the licensee's response, including actions taken to implement any necessary improvements.

There were no such matters or events of significance during the period.

4 REGULATORY ACTIVITY

ONR may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site licence conditions, ONR issues regulatory documents, which either permit an activity or require some form of action to be taken; these are usually collectively termed 'Licence Instruments' (LIs), but can take other forms. In addition, inspectors may issue Enforcement Notices to secure improvements to safety.

The following LIs and Enforcement Notices have been issued during the period:

Table 1
Licence Instruments and Enforcement Notices Issued by ONR during this period

| Date | Type | Ref No | Description |
|--------------|----------|--------|---|
| 8 April 2016 | Approval | LI 538 | Approval of the site's nuclear safety committee terms of reference under LC 13(3) |
| 8 April 2016 | Approval | LI 539 | Approval of the site's arrangements for urgent safety proposals under LC 13(12). |

5 NEWS FROM ONR

Chief Nuclear Inspector's annual statement

ONR published its Annual Report and Accounts 2015/16 on 7 July. As well as reporting on ONR's performance, the report includes the Chief Nuclear Inspector's annual statement, which provides a judgement on the regulatory attention necessary for each licensed site, dependent on the level of hazard and risk posed by the facility. The Annual Report and Accounts can be viewed on the ONR website.

New regulatory structure

ONR has recently reviewed its organisational arrangements to ensure that our regulatory structure is appropriately focused to deliver front-line regulation over the next few years. To maintain effective and proportionate regulation, and to address potential and actual imbalances in the current workloads of the programmes, we have created three nuclear safety programmes, each led by a Deputy Chief Inspector. These programmes are:

- A new reactors programme dealing with design assessment, licensing and construction of civil reactors.
- An operating facilities programme dealing with operating reactors, defence sites and other operating facilities.
- A Sellafield, decommissioning, fuel and waste programme dealing predominantly in decommissioning and waste.

You can view ONR's [organisational structure](#) and full [regulatory structure](#) on our website.

Chief Nuclear Inspector Summary Plan for 2016/17

The CNI Summary Plan outlines high level regulatory milestones to deliver ONR's Strategic Plan to 2020 and ONR's approach to the delivery of safety and security regulation across the UK's nuclear reactors and facilities. It was published on 11 July on the ONR website.

Regulation Matters magazine

Insight into ONR's work as an independent regulator of the nuclear industry can be found in Regulation Matters. This quarterly online publication (<http://www.onr.org.uk/regulation-matters.htm>) reports on the key themes and developments in each of ONR's regulatory programmes and provides an update about the on-going changes at ONR. For the latest news and updates from ONR, you can also visit the website and sign up for our e-bulletin: <http://www.onr.org.uk/index.htm>.

6 CONTACTS

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