



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

Report for period 1 January – 31 March 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 January 2016
- 29 February – 4 March 2016

During the February/March inspection the site inspector was accompanied by an electrical engineering specialist inspector and two ONR conventional safety inspectors.

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:

- Documents, records, authorities and certificates
- Emergency Arrangements
- Modification or experiment on existing plant
- Operating rules
- Examination, inspection, maintenance and testing
- Leakage and escape of radioactive material and radioactive waste
- Decommissioning

The ONR site inspector considered the areas sampled for documents, records, authorities and certificates, emergency arrangements, modification or experiment on existing plant, operating rules, and decommissioning to be adequate. ONR noted that the emergency arrangements inspection considered the shortfalls found in August regarding the beyond design basis cabinet and found that all the ONR findings had been addressed. ONR noted that for the inspections of modification or experiment on existing plant and operating rules, the site was aware of the shortfalls in the arrangements and has been and is continuing to address the shortfalls found in the inspections as part of the Magnox corporate changes to common processes.

For the examination, inspection, maintenance and testing inspection, ONR found deficiencies in the maintenance documentation and has asked site to review the maintenance documentation on site to ensure items are suitably identified. For the leakage and escape of

radioactive material and radioactive waste inspection, ONR found a number of deficiencies in the storage of the Low level Waste, which the site is addressing.

The ONR conventional safety inspectors attended site in March as part of an inspector handover and conducted inspection regarding Asbestos and electrical safety, associated with older types of electrical switchgear. With regard to electrical safety, the site was considered to be managing the switchgear situation adequately, although inspectors did raise a concern regarding the condition of certain cables, which site has subsequently addressed.

With regard to Asbestos, the inspectors raised a number of findings regarding the management of residual asbestos items on site and this is being taken forward with the conventional safety inspectors and the site asbestos competent person. Inspectors also raised points regarding traffic management in certain compounds on the site and this is being addressed by the site.

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.

LI 535 was issued in March 2016. This was the withdrawal of the approval regarding the document retention schedule.

LI 536 was issued in February 2016. This was an agreement under derived powers regarding the alignment of the site decommissioning programme with Scottish Government Higher Active Waste policy.

LI 537 was issued in March 2016. This was the approval of the new emergency plan as part of the changes arising as a result of the changes at the Magnox corporate centre.

5 NEWS FROM ONR

Chief Nuclear Inspector appointment

ONR announced the appointment of Dr Richard Savage as its new Chief Nuclear Inspector (CNI) to lead our regulatory activity. Richard is a Chartered Engineer with an extensive background in nuclear safety and regulation. He served as Head of the Defence Nuclear Safety Regulator, Ministry of Defence, before being appointed to ONR as a Deputy Chief Nuclear Inspector in 2013. He was Acting CNI since Dr Andy Hall's retirement in November 2015.

ONR Strategic Plan 2016-2020

In March, ONR published its Strategic Plan covering 2016-2020. The plan sets out the factors that will influence our work and the assumptions we have made about regulating the nuclear sector in the next few years, as well as how we deliver the commitments we have made to the

public, ministers and government, licensees, dutyholders and our staff. The plan was laid in Parliament on 22 March and can be viewed 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 ongoing 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>

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