



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

Report for period 1 January – 31 March 2015

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/lrc/>).

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 and other ONR inspectors made inspections on the following dates during the quarter:

- 10–13 February
- 10–13 March

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:

- safety cases and operating rules
- emergency response
- decommissioning
- electrical supplies necessary for safety

In general, ONR judged the arrangements made and implemented by the site in response to safety requirements to be adequate in the areas inspected.

Emergency Preparedness: the licensee is required to make arrangements for dealing with any accident or emergency arising on the site. At Chapelcross ONR observes an exercise of these arrangements at least annually. This year's demonstration emergency exercise was held on 11 March. It simulated a crane accident during the removal of the top duct on Heat Exchanger 14.

The scenario was intended to provide a more unusual test for Scottish Fire and Rescue (which sent three vehicles) than have recent exercises. For that reason ONR's fire safety inspector supplemented the ONR team. Scottish Ambulance Service also played in the exercise. Overall, ONR judged the exercise performance to be a satisfactory demonstration of the licensee's arrangements.

2.2 Other work

Site Stakeholder Group: the site inspector attended the quarterly meeting of the Site Stakeholder Group (SSG), where he gave a short account of ONR's recent inspection and assessment of 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.

No LIs or Enforcement Notices were issued during the period.

Relicensing of the Harwell and Winfrith Sites to Magnox Limited: On 1 September 2014, the ownership of both Magnox Limited (MXL) and Research Sites Restoration Limited (RSRL) was transferred by the Nuclear Decommissioning Authority to the Cavendish Fluor Partnership Limited, the new Parent Body Organisation (PBO). At this time 10 Magnox reactor sites were licensed to Magnox Limited, and the Harwell and Winfrith sites, in Oxfordshire and Dorset respectively, were licensed to RSRL. As part of the new PBO's organisational change strategy, on 28 November 2014 MXL and RSRL applied to ONR to relicense the Harwell and Winfrith sites to MXL.

ONR conducted a targeted and proportional assessment of these applications in accordance with its publication 'Licensing Nuclear Installations' and on 30 March 2015 the Chief Nuclear Inspector granted MXL new nuclear site licences for the Harwell and Winfrith sites. These new licences were to come into force on 1 April 2015, so from that date, the Harwell and Winfrith sites were licensed to MXL along with the existing 10 Magnox reactor sites. ONR's Project Assessment Report relating to this relicensing will be published on the ONR website www.onr.org.uk.

With 12 sites now under the management of MXL as a single licensee, the PBO will be able, subject to a further organisational change, to carry out decommissioning and hazard-reduction activities across the decommissioning sites using a programmatic approach, in which common decommissioning methods will be deployed at different sites.

MXL plans further organisational changes and the introduction of a unified management system across the 12 sites, which will result in common arrangements for compliance with ONR's licence conditions. These organisational changes, and changes to the licensee's arrangements for complying with its licence conditions, will be subject to appropriate assessment and oversight by ONR in future months.

5 NEWS FROM ONR

Annual Plan

ONR has published its [Annual Plan for 2015/16](#), setting out its priorities, as well as providing details of the year's planned activities and key targets.

Insight into ONR's work as an independent regulator of the nuclear industry can be found on the ONR website news centre (<http://news.onr.org.uk>) and in ONR's Quarterly News. The online publication (<http://www.onr.org.uk/onr-quarterly-report.htm>) reports on the key themes and developments in ONR. For the latest news and updates from ONR visit the website and sign up for our ebulletin (<http://www.onr.org.uk/ebulletin/index.htm>).

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