



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

Report for period 1 July – 30 September 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/llc/>).

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:

- 19-23 September 2016

During the September inspection, the outgoing site inspector was accompanied by the incoming site inspector. The annual regional review of safety, security and environment was attended by the acting Superintending Inspector for the DFW sub-programme.

## 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:

- Management systems
- Control and supervision of operations
- Organisational Capability

ONR site inspector considered the Organisational capability of the site and considered it to be green in line with the new rating system. ONR had some minor comments with regard to the organisational baseline, but noted the good work being done with regard to vulnerability analysis.

For the management systems inspection ONR noted significant deficiency with regard to the site's implementation of its internal audit arrangements and has rated the inspection amber in line with the new rating system. ONR has discussed site's improvement plan to address this deficiency and will monitor the sites implementation of these actions.

For the control and supervision of operations inspection, ONR reviewed operations carried out within the ponds. ONR noted that the role of the Duly Authorised Persons (DAP) and the Appointed Suitably Qualified and Experienced Persons (ASQEP) who undertake control and supervision in the pond to be appropriate and that there is a clear definition of operations, that require the DAP to attend the operations in their DAP role, which is to be commended. However, for control of contractor operations under the projects in the pond ONR noted a significant deficiency in the application of arrangements in terms of ASQEP. ONR also noted the lack of clarity in various company arrangements and noted that this may need to be taken

forward at a corporate level. ONR has rated this inspection as amber in line with the new rating system.

The annual regional review of safety security and environment was carried out at Chapelcross, but covered both Chapelcross and Hunterston A's performance for year to April 2016. It is part of the move for Magnox to report on a regional basis and was the first one of these events for the Scottish region. ONR attended with acting superintending inspector for the DFW sub-programme. The annual review was considered to be of good quality with adequate reporting of the position of the site and the work going forward.

### 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 three such matters reported to ONR in the period.

- The first was the inability of the site to assess a fire alarm signal within the deemed timescale, resulting in the emergency services being called to site for a false fire alarm. ONR has considered the site position and will follow up further when the site response has been received.
- The second was the incorrect allocation of items for maintenance within the maintenance schedule. ONR has noted the site response to this matter and considers it to be adequate.
- The third is the summoning of an ambulance to site to address an injury to an individual on the leased part of site controlled by Iberdrola. ONR notes that this was a conventional safety event and was reported under RIDDOR. ONR is not planning any further investigation of this event at this time.

### 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
19 September 2016	Approval	LI 540	Approval of the site's emergency arrangements under LC 11(3)

### 5 NEWS FROM ONR

**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>.

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