



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

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 for the Harwell Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/llic/>).

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

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1 INSPECTIONS

1.1 Dates of inspection

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

- 25 – 27 May 2016

During this inspection, the site inspector was accompanied by a liabilities specialist inspector.

The ONR site inspector also attended a meeting at Harwell during this quarter:

- 10 June 2016 – Oxfordshire Emergency Planning Coordination Committee

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) (as amended);
- 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 Harwell covered the following Licence Conditions (LC):

- LC32 - Accumulation of Radioactive Waste;
- LC33 - Disposal of Radioactive Waste;
- LC34 - Leakage and escape of radioactive material and radioactive waste.

In general, ONR judged the arrangements made and implemented by the site in response to safety requirements to be adequate in the areas inspected. However, where improvements were considered necessary, the licensee made satisfactory commitments to address the issues, and the site inspector will monitor progress during future visits. Where necessary, ONR will take formal regulatory enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

Magnox has informed ONR that it intends to revise its emergency arrangements for Harwell and has requested ONR approval of a proposed emergency plan. ONR has commenced its assessment of these proposed emergency arrangements.

2.2 Other work

The site inspector attended a meeting of the Oxfordshire Emergency Planning Coordination Committee that was held on site. This meeting considered the off-site emergency arrangements for Harwell.

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.

In this period the following incidents on the site were reported to ONR:

- ONR was notified that an operator sustained an injury to his ankle whilst undertaking decommissioning works at the Liquid Effluent Treatment Plant (LETP).
- ONR was notified by the licensee that it had consigned an incorrect drum of intermediate level waste to Sellafield.

ONR is satisfied that the licensee responded to the first incident appropriately and that no enforcement is considered necessary. ONR is currently awaiting the licensee's investigation report into the second event before it considers any need for enforcement.

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 502	Approval of the site's nuclear safety committee terms of reference under LC 13(3)
8 April 2016	Approval	LI 503	Approval of the site's arrangements for urgent safety proposals under LC 13(12).

No Enforcement Notices have been issued during the period.

Reports detailing the above regulatory decisions can be found on the ONR website at <http://www.onr.org.uk/pars/>.

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>.

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.

6 CONTACTS

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Published 07/16

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