



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

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

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.

TABLE OF CONTENTS

1	INSPECTIONS	3
2	ROUTINE MATTERS.....	3
3	NON-ROUTINE MATTERS.....	4
4	REGULATORY ACTIVITY	4
5	NEWS FROM ONR.....	5
6	CONTACTS.....	5

1 INSPECTIONS

1.1 Dates of inspection

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

- 5 – 7 July 2016
- 2 – 3 August 2016

Two ONR transport inspectors undertook an inspection on the following date during the quarter:

- 18 August 2016

The ONR site inspector also attended the following meetings at Harwell during this quarter:

- 25 August – Winfrith re-licensing application
- 13 September 2016 – Winfrith alternative end state credible options workshop

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):

- LC11 Emergency Arrangements
- LC36 Organisational Capability

Additionally, the site inspector carried out an unannounced inspection against the following licence condition.

- LC26 Control and Supervision of Operations

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.

The licensee's Annual Review of Safety for Harwell and Winfrith was held at Harwell on 3th August 2016 and was attended by the site and corporate inspectors. Prior to that meeting the inspectors undertook a site inspection at Harwell with the facility managers. The inspectors concluded that, based on the areas visited, the licensee is maintaining plant and facilities in a safe manner. The inspectors did not identify any safety concerns.

The licensee provided a report of its safety performance at both sites during the last year and identified improvements to be carried out this year. The ONR inspectors considered the report to be sufficiently self-critical and the licensee identified appropriate areas for improvement.

In relation to LC11, the licensee has written to ONR requesting approval of a revised emergency plan. The licensee undertook an exercise to demonstrate its proposed emergency arrangements. ONR judged that whilst a number of good points and a number of areas for improvement were identified, it was an adequate demonstration of the proposed emergency arrangements.

2.2 Other work

The site inspector held a periodic meeting with safety representatives, to support their function of representing employees and receiving information on matters affecting their health, safety and welfare at work.

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.

Matters and events of particular note during the period were:

Consignment of an incorrect drum of intermediate level waste to Sellafield

On 26 April 2016 Harwell identified from an inventory inspection that a drum of contact handled intermediate level waste had been incorrectly consigned by Magnox Harwell to Sellafield, as Low Specific Activity-II material.

The transportation of the Industrial Package Type 2 with contents that exceeded the LSA-II classification was in contravention of The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009. This has resulted in ONR issuing an enforcement letter to Harwell. ONR has received a response to this letter from Harwell that details a suitable corrective action plan.

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
31 August 2016	Approval	LI 504	Approval of alteration of the site's emergency plan LC 11(3)

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

Insight into ONR's work as an independent regulator of the nuclear industry can be found in ONR's Regulation Matters. The 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. <http://www.onr.org.uk/index.htm>. 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>).

6 CONTACTS

Office for Nuclear Regulation
Redgrave Court
Merton Road
Bootle
Merseyside
L20 7HS

website: www.onr.org.uk

email: ONREnquiries@onr.gsi.gov.uk

This document is issued by the Office for Nuclear Regulation (ONR). For further information about ONR, or to report inconsistencies or inaccuracies in this publication please visit <http://www.onr.org.uk/feedback.htm>.

© Office for Nuclear Regulation, 2015

If you wish to reuse this information visit www.onr.org.uk/copyright.htm for details.

Published 10/16

For published documents, the electronic copy on the ONR website remains the most current publicly available version and copying or printing renders this document uncontrolled.

website: www.onr.org.uk

email: ONREnquiries@onr.gsi.gov.uk

This document is issued by the Office for Nuclear Regulation (ONR). For further information about ONR, or to report inconsistencies or inaccuracies in this publication please visit <http://www.onr.org.uk/feedback.htm>.

© Office for Nuclear Regulation, 2016

If you wish to reuse this information visit www.onr.org.uk/copyright.htm for details.

Published 07/16

For published documents, the electronic copy on the ONR website remains the most current publicly available version and copying or printing renders this document uncontrolled.