



Office for Nuclear Regulation (ONR) Quarterly Site Report for Rosyth Royal Dockyard

Report for period 01 January to 31 March 2017

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 Local Liaison Committee and are also available on the ONR website (<http://www.onr.org.uk/lc/>).

Site inspectors from ONR usually attend Local Liaison 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 | 5 |
| 5 | NEWS FROM ONR | 5 |
| 6 | CONTACTS | 6 |

1 INSPECTIONS

1.1 Dates of inspection

The ONR Site Inspector made visits to the site on the following dates during the quarter:

21 – 22 January 2017.

20 – 22 March 2017.

An ONR specialist inspector in Leadership and Management for Safety (LMfS) visited the site on the following date during the quarter:

21 January 2017.

An ONR specialist inspector in Nuclear Liabilities Regulation visited the site on the following dates during the quarter:

20 – 22 March 2017.

The ONR Finance Director undertook a familiarisation visit to the site on:

22 March 2017.

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 Rosyth Royal Dockyard site covered the following:

- Leadership and Management for Safety;
- Control and supervision;
- Incidents on the site;
- Accumulation of radioactive waste;
- Disposal of radioactive waste;
- Leakage and escape of radioactive material and radioactive waste, and
- Decommissioning

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

Leadership and Management for Safety

The ONR nominated site inspector and specialist inspector in LMfS provided feedback to senior management on site following an ONR review of RRDL performance in relation to Leadership and Management for Safety. The LMfS review had rated performance against all four relevant Safety Assessment Principles (Leadership, Capable Organisation, Decision Making and Learning) as being green (no formal action required) and the feedback was positively received by senior managers on site.

Licence Compliance inspection - LC 26 Control and supervision

The LC26 compliance inspection was an unannounced inspection undertaken by the ONR Site Inspector, in accordance with the relevant ONR Technical Inspection Guides and involved examination of relevant licensee documentation, targeted discussions with relevant members of the licensee's staff and inspection of activities being undertaken within Dock Number 2. The compliance arrangements for LC26 were found on inspection to comply with legal duties, relevant good practice was generally met and no shortfalls were identified. The ONR inspector judged that the arrangements for control of work were clear, with procedures robustly controlled and responsibilities and accountabilities for control of specific activities well defined. The overall judgement was that the licensee has effective arrangements under Licence Condition 26 (Control and Supervision of Operations).

Licence Compliance inspection – LC7 (Incidents on the site), 32 (Accumulation of Radioactive Waste), 33 (Disposal of radioactive waste), 34 (Leakage and escape of radioactive material and radioactive waste) and 35 (Decommissioning)

The compliance arrangements for LC7, 32, 33, 34 and 35 were found on inspection to comply with legal duties and relevant good practice was generally met. No shortfalls were identified and a number of examples of good practice were identified. Physical inspections were undertaken at a number of locations at the site in support of the LC compliance inspections and the ONR Finance Director familiarisation visit. Standards of housekeeping were found to be good and the licensee was demonstrably in control of the operations being undertaken on the site. On the basis of the information provided and evidence obtained during this intervention, it was concluded that the licensee has effective arrangements under these Licence Conditions.

2.2 Other work

The ONR Site Inspector attended a number of meetings during the above site visits to monitor progress against issues on 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.

ONR was promptly informed of the discovery by the licensee of a flow imbalance affecting two radiologically unclassified rooms in one of the buildings on the site. The ONR site inspector inspected the affected areas and was satisfied that immediate actions taken by the licensee were adequate and that the scope of investigation to be undertaken is sufficiently detailed to enable underlying root causes to be identified. Adequacy of the licensee's investigation will be followed up during future site inspections.

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 have been issued during the period:

Table 1: Licence Instruments and Enforcement Notices Issued by ONR during this period

| Date | Type | Ref No | Description |
|-------------|------------------------|------------|--|
| 02 Feb 2017 | Licence Instrument 509 | ROS 70381R | Approval to Amend the Terms of Reference for the Nuclear Safety Committee under Condition 13(3) |
| 02 Feb 2017 | Licence Instrument 510 | ROS 70381R | Approval to Amend the Terms of Reference for the Nuclear Safety Committee under Condition 13(12) |

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 Quarterly News. The online publication (<http://www.onr.org.uk/onr-quarterly-report.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>).

New reactors update:

- ONR received a request from Government to begin the Generic Design Assessment process for the UK HPR1000 in January. The reactor is now in Step 1 of the GDA process.
- On 30 March, ONR issued Design Acceptance Confirmation for the AP1000@nuclear reactor, designed by Westinghouse. The regulators required 51 GDA issues to be resolved before confirming suitability of the design.
- ONR granted its first consent for the start of construction at Hinkley Point C licensed site. The consent covers the placement of the structural concrete for the first nuclear safety-related structure at the site.
- On 31 March, Horizon Nuclear Power submitted its application for a nuclear site licence to build and operate two UK Advanced Boiling Water Reactors at Wylfa Newydd on Anglesey.

Quarterly statement of civil incidents

ONR published its quarterly statement of civil incidents reporting on the period October-December 2016. There was one incident which met ministerial reportable criteria at Dounreay involving contamination of workers' clothing. There was no detectable intake of radioactive material by any of the people involved in the incident.

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, 2017

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

Published 05/17

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.