



**Office for Nuclear Regulation (ONR)
Quarterly Site Report for
Rolls-Royce Marine Power Operations Limited
(RRMPOL) Raynesway, Derby
Nuclear Fuel Production Plant (NFPP) and Neptune
Reactor Licensed Sites**

Report for period 1 January 2015 to 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 sites available to the public. Reports are distributed quarterly to members of the Rolls-Royce Local Liaison Committee and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site Inspectors from ONR usually attend the Rolls-Royce Local Liaison Committee meetings and will respond to any questions raised there. Any person wishing to enquire 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 or held other intervention activities on the following dates during the quarter:

- 20 January
- 9,10 & 11 February
- 6 & 19 March

Other ONR inspectors participated in interventions with the licensee on the following dates in the quarter:

- 20 January
- 10,11,13 & 26 February
- 5,6,13 & 19 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) (as amended);
- provisions of 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 the licensee's (i.e. RRMPOL'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 ONR inspections covered the following area:

- A System Based Inspection on the Neptune Reactor Licensed Site.

In February, a team of ONR inspectors undertook a System Based Inspection on the Neptune Reactor Licensed Site. The inspection considered the control of criticality in the facility. The inspectors concluded that the safety case requirements were effectively implemented on the plant. 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.

In February, an ONR Conventional Fire Safety Inspector undertook an inspection on the part of the Nuclear Fuel Production Plant Site where construction activities were being undertaken. No matters of evident concern were identified.

During this period there have been several meetings involving ONR specialist inspectors and RRMPOl specialists to review progress on improvements arising from the NFPP Periodic Review of Safety (PRS) assessment. A PRS is required as a condition of the nuclear site licence and is undertaken typically every 10 years in line with international practice. The output takes the form of an identified programme of improvements to the plant and processes. As outlined in the report for the last quarter, RRMPOl have confirmed that the majority of the improvements identified are expected to have been completed by July 2015. Consequently, ONR is expecting to complete the assessment of the adequacy of progress on the PRS improvement programme in the summer of 2015.

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 inspectors 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.

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 e-bulletin.

6 CONTACTS

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