



**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 April 2015 to 30 June 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:

- 1, 14, 15, 16, 27 & 28 April
- 6, 12, 13, 19, 20 & 21 May
- 2, 5, 9, 18 & 22 June

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

- 1, 14, 15, 27 & 28 April
- 6, 13, 19, 20 & 21 May
- 1, 2, 5 & 9 June

The Chief Nuclear Inspector undertook a routine familiarisation visit to the licensed sites on 15 April 2015.

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:

- The marking of the site boundary and site plans.
- Staff training, qualifications and experience.
- Organisational capability.
- Nuclear matter and radioactive waste management.

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.

In May, the Head of the Propulsion Sub-Programme, along with the Site Inspector attended the Annual Review of Safety meeting. At the meeting RRMPOL provided an analysis of their past performance and plans for future improvement. ONR will be monitoring delivery on the improvements as part of routine regulatory business.

2.2 Other work

During this period the Site Inspector held a routine meeting with safety representatives to support their function of representing employees and receiving information on matters affecting their health, safety and welfare at work.

In May the Site Inspector attended a meeting of the RRMPOL Local Liaison Committee. At the meeting he presented the information provided in the last two quarterly reports.

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.

During this period there was an incident reported under RRMPOL's arrangements made for compliance with Licence Condition (LC) 7 (Incidents on the Site). The incident involved the generation of nitrous oxides leading to a steam leak which initiated the fire alarm system and prompted a site evacuation - in line with local procedures. The incident did not involve nuclear material nor lead to harm to personnel. RRMPOL have undertaken their own investigation and from a nuclear safety perspective the Site Inspector is satisfied that the actions taken by RRMPOL are appropriate and in accordance with those expected of a licensed site. ONR is assessing the situation with regard to the conventional health and safety aspects of the incident.

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.

During this period an LI was issued on 4 June agreeing to commencement of plant and equipment installation within the recently constructed new Clean Shop. These activities form part of the Core Production Capability Regeneration Project. The LI was issued following an assessment of the licensee's Safety Case and supporting information.

No 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 on-going changes at ONR. For the latest news and updates from ONR visit the website and sign up for our e-bulletin: <http://www.onr.org.uk/index.htm>.

ONR published its Annual Report and Accounts for 2014/15 on 29 June. The report details key developments during our first year as a public corporation including:

- Progress against ONR's Annual Plan 2014/15, including the Chief Nuclear Inspector's annual statement on the safety and security performance of the nuclear industry;
- Details of management arrangements and how our resources have been utilised;
- A summary of our governance arrangements;
- The financial statements for 2014/15;
- Remuneration of non-executive and executive members of the ONR Board; and
- The Certificate of the Comptroller and Auditor General to the Houses of Parliament, containing an unqualified audit opinion.

6 CONTACTS

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