



**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 October 2015 to 31 December 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/llic/>).

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:

- 14,21 & 22 October
- 2,3,18 & 26 November
- 2 & 10 December

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

- 1,21 & 22 October
- 2,18 & 26 November

## 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 areas:

- emergency preparedness;
- incidents on the site;

In October, a team of ONR inspectors observed the annual emergency exercise at the NFPP Site. The purpose of the exercise was to demonstrate to ONR the adequacy of the site's emergency arrangements, to deal with any accident or emergency on the site. The exercise was judged to be a satisfactory demonstration of the site's emergency arrangements.

In November the Site Inspector together with a human factors specialist undertook an inspection of RRMPOL's arrangements relating to incidents on the site. The Inspectors judged that the licensee's compliance was adequate overall with some areas for improvement identified. A copy of the Executive Summary of the two Intervention Records will be published on the ONR website (<http://www.onr.org.uk/intervention-records/>).

In October an ONR Conventional Fire Safety Specialist undertook a routine inspection of the facilities on the NFPP construction site. The Inspector judged that the licensee's compliance was adequate overall with some areas for improvement identified.

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

Earlier this year, RRMPOl responded to ONR's assessment findings for the 2012 Periodic Safety Review (PSR) for the Nuclear Fuel Production Plant which were reported in its Project Assessment Report published in 2013 (<http://www.onr.org.uk/pars/index.htm>). RRMPOl's responses identified areas of ongoing work that were underway for completion through its ongoing improvement programmes as part of normal business. During December ONR completed its assessment of RRMPOl's responses and has accepted that any remaining work can be progressed as part of routine regulatory business. A significant outcome of the forward programmes will be completion of the delivery of the modern standard safety cases for all of the RRMPOl existing Nuclear Fuel Production Plant facilities by the end of 2016. The Site Inspector will monitor progress on remaining work as part of routine regulatory business.

## **2.2 Other work**

In October 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 this reporting period 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. 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.

During this period four LIs were issued as detailed below in connection with improvements RRMPOl made to the arrangements for their Nuclear Safety Committee (LC 13 refers). The associated Project Assessment Report which explains the regulatory decisions for issuing the LIs is published on ONR's website at [www.onr.org.uk/pars/](http://www.onr.org.uk/pars/).

Date	Type	Ref No	Description
12/11/2015	Approval	503	Neptune Reactor Approval of Alteration or Amendment to the Terms of Reference of a Nuclear Safety Committee
12/11/2015	Approval	504	Neptune Reactor Initial 'Approval' of a Nuclear Safety Committee's Arrangements for Obtaining Consideration, or Advice on Urgent Safety Proposals
12/11/2015	Approval	506	NFPP Approval of Alteration or Amendment to the Terms of Reference of a Nuclear Safety Committee
12/11/2015	Approval	507	NFPP Initial 'Approval' of a Nuclear Safety Committee's Arrangements for Obtaining Consideration, or Advice on Urgent Safety Proposals

No Enforcement Notices were issued during this period.

## 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 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>.

Adrienne Kelbie has been appointed Chief Executive of ONR and took up the appointment on 18 January 2016. Adrienne is currently the Chief Executive of the Disclosure and Barring Service, and prior to this has had a varied career including periods as Deputy Chief Executive in a local authority and as Director of Operations responsible for national and international funding at the Big Lottery Fund.

## 6 CONTACTS

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Published January / 2016

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