



**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 April 2016 to June 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 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 Rolls-Royce Local Liaison Committee meetings and will respond to any questions raised there. Any person wishing to inquire about matters covered by this report should contact ONR.

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## INSPECTIONS

### 1 DATES OF INSPECTION

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

- 20-22 April 2016
- 18-19 May 2016
- 08-09 June 2016

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

- 20-22 April 2016
- 19 May 2016

### 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 the licensed sites covered the following:

- annual review of safety
- management systems
- record keeping
- close out of actions

RRMPOL presented their 2015 Annual Review of Safety & Environment Report to ONR's Superintending Inspector and the Environment Agency. ONR considered the 2015 Annual Review of Safety & Environment Report reflected a true picture of the licensee's safety performance during 2015, which recognised the improvements in safety leadership and arrangements that have been achieved during the period. ONR concluded that RRMPOL has had a good year since the last review and encouraged RRMPOL to maintain the current level of improvement. ONR will continue to monitor the improvement programme.

An LC 17 (Management Systems) compliance inspection was carried out to assess the adequacy of the licensee's management systems. The inspection sampled: purchasing, management system documentation, process management, audit and management review. Compliance with LC 17 was judged adequate and the licensee has made and implemented adequate quality management arrangements.

An LC 6 (Documents, records, authorities and certificates) compliance inspection was carried out to assess the adequacy of record keeping on new build. The inspection found record keeping was of a good standard and judged the arrangements to be adequate.

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.

A copy of the Executive Summary of intervention records is published on ONR's website (<http://www.onr.org.uk/intervention-records/>).

## **2.2 Other work**

In June 2016 the site inspector attended the local liaison committee.

Following receipt of RRMPO's hazard identification and risk evaluation assessment, which was carried out in accordance with the Radiation (Emergency Preparedness and Public Information) Regulations 2001, ONR is undertaking further consultation with Derby City Council prior to making a determination of an off-site emergency planning area.

## **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 notable matters or events during the reporting period.

## **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. There were no LIs or Enforcement Notices 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**

### **Chief Nuclear Inspector's annual statement**

ONR published its Annual Report and Accounts 2015/16 on 7 July. As well as reporting on ONR's performance, the report includes the Chief Nuclear Inspector's annual statement, which provides a judgement on the regulatory attention necessary for each licensed site, dependent on the level of hazard and risk posed by the facility. The Annual Report and Accounts can be viewed on the ONR website.

### **New regulatory structure**

ONR has recently reviewed its organisational arrangements to ensure that our regulatory structure is appropriately focused to deliver front-line regulation over the next few years. To maintain effective and proportionate regulation, and to address potential and actual

imbalances in the current workloads of the programmes, we have created three nuclear safety programmes, each led by a Deputy Chief Inspector. These programmes are:

- A new reactors programme dealing with design assessment, licensing and construction of civil reactors.
- An operating facilities programme dealing with operating reactors, defence sites and other operating facilities.
- A Sellafield, decommissioning, fuel and waste programme dealing predominantly in decommissioning and waste.

You can view ONR's [organisational structure](#) and full [regulatory structure](#) on our website.

### **Chief Nuclear Inspector Summary Plan for 2016/17**

The CNI Summary Plan outlines high level regulatory milestones to deliver ONR's Strategic Plan to 2020 and ONR's approach to the delivery of safety and security regulation across the UK's nuclear reactors and facilities. It was published on 11 July and is available on the ONR website.

### **Regulation Matters**

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. 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>).

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