



**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 July 2015 to 30 September 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 & 21 July
- 4 & 5 August
- 9,10,11 & 17 September

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

- 20 & 21 July
- 4 & 5 August
- 9,10,11 & 17 September

## 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:

- radiological protection;
- management of operations including control and supervision;
- emergency preparedness;
- the Nuclear Safety Committee;

In general, 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. A copy of the Executive Summary of the Intervention Records will be published on the ONR website (<http://www.onr.org.uk/intervention-records/>).

In July RRMPOl responded to ONR's assessment findings for the 2012 Periodic Safety Review (PSR) for the Nuclear Fuel Production Plant (See related Project Assessment Report published 2013 <http://www.onr.org.uk/pars/index.htm>). The associated submissions identified areas of ongoing work that were underway for completion through RRMPOl's ongoing improvement programmes as part of normal 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.

ONR provided a provisional response to RRMPOl's submission noting that any remaining matters outstanding from the review appeared to be covered by work streams incorporated into RRMPOl's forward improvement programmes. ONR specialist assessors are currently completing their assessments of the closure statement and associated material and ONR emphasised the importance of satisfactory delivery against the forward programmes. ONR will provide a final report on its PSR assessments during the next quarter.

The next PSR for the Nuclear Fuel Production Plant is due for submission to ONR at the end of November 2021.

During this quarter ONR has continued engaging with RRMPOl with regard to the scope and plan for the next PSR for the Neptune Reactor licensed site. RRMPOl had proposed to change the PSR Submission Date from June 2016 to April 2017 with an ONR Decision Date in April 2018 (see ONR internal Guidance NS-TAST-GD-050: [http://www.onr.org.uk/operational/tech\\_asst\\_guides/index.htm](http://www.onr.org.uk/operational/tech_asst_guides/index.htm)). The change was to optimise the associated activities of upgrading the reactor facility, producing a modern standards safety case, and undertaking the PSR. In July ONR wrote to RRMPOl confirming it had no objections to the scope and plan and was content with the change to the Submission Date.

## **2.2 Other work**

Nothing was undertaken in this reporting period in addition to that reported in Section 2.1 above.

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

## 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>.

### Retirement of the Chief Nuclear Inspector

Dr Andy Hall, the first Chief Nuclear Inspector to hold this statutory office, announced his decision to retire from ONR in November 2015. The ONR Board, with the approval of the Secretary of State, has appointed Dr Richard Savage as acting Chief Nuclear Inspector, pending a process to fill the role on a permanent basis. Richard was previously Head of the Defence Nuclear Safety Regulator before joining ONR in his current role as a Deputy Chief Nuclear Inspector.

## 6 CONTACTS

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