



**Office for Nuclear Regulation (ONR)
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 to 30 September

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/llic/>).

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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1 INSPECTIONS

1.1 Dates of inspection

ONR inspectors made inspections on the following dates during the quarter:

- 2 August 2017
- 4 August 2017
- 9 August 2017
- 17 August 2017
- 18 August 2017
- 22 August 2017
- 27 September 2017

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 Rolls-Royce Marine Power Operations Limited (RRMPOL) Raynesway, Derby covered the following:

- modifications to plant, equipment and safety cases;
- safety documentation;
- periodic safety review; 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.

Inspection of Licence Condition LC14 – Safety Documentation

An inspection of LC14 found RRMPOL's arrangements to be adequately documented and understood. RRMPOL demonstrated good control over the safety case and a positive level of interaction between the safety case authors and the end user. Minor shortfalls with regards to safety case ownership, the linking between implementation documentation and the higher

level safety case, and categorisation of modifications to safety case were observed. ONR will see that these shortfalls are addressed through routine regulatory business.

Regulatory meetings

ONR inspectors attending number of routine regulatory meetings on site covering a number of topics including Neptune periodic review of safety, Waste Management and ONR permissioning of the construction of new facilities on site.

2.2 Other work

The Superintending Inspector, the outgoing Nominated Site Inspector and the incoming Site Inspectors have met with the RRMPO key members of staff and members of the RRMPO management team and representatives during this quarter.

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 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

ONR has appointed Mark Foy as Chief Nuclear Inspector. Mark is ONR's longest-serving senior regulator and was previously Deputy Chief Nuclear Inspector and Director of the Operating Facilities Division. Dr Richard Savage announced he would be stepping down after two years in the role for family reasons.

ONR will soon launch its new newsletter containing the latest news and developments from across the organisation. If you would like to receive this, please subscribe on the ONR website (<http://www.onr.org.uk/ebulletin/index.htm>).

6 CONTACTS

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Published 11/17

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