|  |
| --- |
|  |
| ONR site report  Rolls-Royce Submarines Limited (RRSL) – Nuclear Fuel Production Plant (NFPP), Raynesway & Neptune Reactor, Raynesway |



ONR site report

Rolls-Royce Submarines Limited (RRSL) - Nuclear Fuel Production Plant (NFPP), Raynesway & Neptune Reactor, Raynesway

**Report for period**: 1 January – 30 June 2025

**Authored by**: Nominated Inspector

**Approved by**: Superintending Inspector

**Issue:** 1

**Published**: September 2025

**Record reference**: 2025/32446

Foreword

This report is issued as part of our commitment to make information about inspection and regulatory activities relating to the above site available to the public. Reports are distributed to members for the Rolls-Royce Submarines Ltd. Local Liaison Committee and are also available on our website: [www.onr.org.uk/publications/regulatory-reports/site-specific-reports/llcssg-reports](http://www.onr.org.uk/publications/regulatory-reports/site-specific-reports/llcssg-reports).

Our site inspectors usually attend Rolls-Royce Submarines Ltd. Local Liaison Committee meetings where these reports are presented and will respond to any questions raised there. Any person wishing to inquire about matters covered by this report should contact us via email at [contact@onr.gov.uk](mailto:contact@onr.gov.uk).

Contents

[1. Inspections 4](#_Toc208490305)

[2. Routine matters 4](#_Toc208490306)

[3. Non-routine matters 5](#_Toc208490307)

[4. Regulatory activity 6](#_Toc208490308)

[5. News from ONR 6](#_Toc208490309)

[6. Contacts 6](#_Toc208490310)

# Inspections

## Date(s) of inspection

Our inspectors made inspections on the following dates during the report period 1 January to 30 June 2025:

* 8 January 2025
* 30 January 2025
* 10 April 2025

# Routine matters

## 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 etc Act 1974 (HSWA74); and
* Regulations made under HSWA74, for example, the Ionising Radiations Regulations 2017 (IRR17) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).

The inspections entail monitoring the 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 Raynesway licensed sites covered the following:

* Examination, maintenance, inspection and testing
* COMAH (Control of Major Accident Hazards)

In addition we carried out a readiness inspection to inform our decision to permit RRSL to proceed into active commisioning of the Dreadnought Production Facility.

Members of the public who would like further information on our inspection activities during the reporting period can view site inspection records on our website: [www.onr.org.uk/publications/regulatory-reports/site-specific-reports/inspection-records](http://www.onr.org.uk/publications/regulatory-reports/site-specific-reports/inspection-records).

Should you have any queries regarding our inspection activities, please email [contact@onr.gov.uk](mailto:contact@onr.gov.uk).

## Other work

In addition to our inspections listed in Section 1.1, we had other regulatory engagements with RRSL covering a wide range of topics, including conventional (non-nuclear) health and safety, radiation protection plus the annual review of safety and environment (AROSE).

RRSL is expanding its business in support of the next generation of nuclear submarines and the AUKUS agreement. As part of this RRSL will be expanding one of the two licensed sites at Raynesway to accommodate additional manufacturing capability. We are therefore engaging with RRSL as part of a future permission related to the revision of the site licence.

We continued our oversight of ongoing major construction or modification projects, such as the Neptune refurbishment project and the Dreadnought Production Facility project.

Our site inspector held meetings to progress routine regulatory business, such as regulatory issues database reviews and regulatory interface forums, as well as meetings with the internal regulatory function. Our site inspector continues to hold weekly meetings with senior RRSL management to ensure health and safety matters continue to be addressed appropriately.

Our site inspector also continues to hold periodic meetings with safety representatives to support their function of representing employees and receiving information on matters affecting their health, safety and welfare at work.

# Non-routine matters

Licensees are required to have arrangements to respond to non-routine matters and events. Our inspectors judge the adequacy of the licensee’s response, including actions taken to implement any necessary improvements.

Several events were reported to us in this period. Most were minor, and we were content for RRSL’s internal investigations and learning to prevent recurrence in most cases. We keep an oversight of the outcomes and follow up as considered necessary.

There were no such matters or events of significance during the period.

# Regulatory activity

We may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site licence conditions, we issue regulatory documents, which either permit an activity or require some form of action to be taken. These are usually collectively termed licence instruments but can take other forms. In addition, inspectors may take a range of enforcement actions, to include issuing an enforcement notice.

* No licence instruments, enforcement notices or enforcement letters were issued during this period.

# News from ONR

For the latest updates and information on our work, please subscribe to our regular email newsletter, ONR News, at [www.onr.org.uk/news/newsletter](https://www.onr.org.uk/news/newsletter/).

# Contacts

Office for Nuclear Regulation

Redgrave Court

Merton Road

Bootle

Merseyside

L20 7HS

Website: [www.onr.org.uk](http://www.onr.org.uk)

Email: [contact@onr.gov.uk](mailto:contact@onr.gov.uk)

This document is issued by ONR. For further information about us, or to report inconsistencies or inaccuracies in this publication, please email [contact@onr.gov.uk](mailto:contact@onr.gov.uk).

If you wish to reuse this information, please visit [www.onr.org.uk/access-to-information/copyright](http://www.onr.org.uk/access-to-information/copyright) for details.

For published documents, the electronic copy on our website remains the most current publicly available version and copying or printing renders this document uncontrolled.