



**Office for Nuclear Regulation (ONR)**  
**Site Report for**  
**Rolls-Royce Submarines Limited (RRSL) Raynesway,**  
**Derby**  
**Nuclear Fuel Production Plant (NFPP) and Neptune**  
**Reactor Licensed Sites**

**Report for period 1 July – 30 September 2018**

**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 to members for the BAE Systems Marine Limited Local Liaison Committee (LLC) and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR usually attend BAE Systems Marine Limited LLC 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 ONR.

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## 1 INSPECTIONS

### 1.1 Dates of inspection

The ONR inspectors visited the site on the following dates during the report period 1 June to 30 September 2018:

- 23-26 July 2018.
- 18 August 2018.
- 08-09 August 2018.
- 17 September 2018.
- 20 September 2018.

## 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 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 Rolls-Royce Submarines Limited (RRSL) Raynesway, Derby covered the following:

- Instructions, training and SQEP.
- Control and supervision of operations.

#### **Instructions, training and SQEP**

On 25 and 26 July, ONR Inspectors conducted a themed inspection of instructions, training and suitably qualified and experienced personnel (SQEP). This reviewed RRSL's arrangements, and their implementation, for instructions to persons on site, warning notices, training and appointment of SQEP and duly authorised persons.

Based on the information sampled ONR concluded that RRSL's arrangements, and their implementation, are adequate in this area.

#### **Control and supervision of operations**

On 8 and 9 August, ONR inspectors conducted a themed inspection on the control and supervision of operations. This inspection focused on RRSL's implementation of arrangements for operating rules, operating instructions, operational records and control and supervision of operations within the Nuclear Fuel Production Plant.

ONR concluded that the arrangements for licence conditions operating instructions, operational records and control and supervision of operations are adequate. However, based

RRSL's arrangements sampled for operating rules, ONR identified areas of compliance where shortfalls exist against relevant good practice. Improvement will be sought in this area and will be monitored through routine regulatory business.

## 2.2 Other work

Throughout this period, there were a number of meetings and telephone / teleconference engagements with site to discuss regulatory engagement regarding facility construction and refurbishment on site.

## 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.

In accordance with site arrangements and regulatory requirements under Licence Condition 7 (Incidents on the site), RRSL have reported one event to ONR in the quarter. ONR inspectors have carried out follow up enquires to gather information, to determine if the licensee's response to this event was adequate and to determine if the incident met ONR's investigation criteria. The significance of the reported event did not meet the ONR investigation criteria. ONR will monitor the adequacy of the RRSL corrective actions as part of routine regulatory business.

## 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, Enforcement Notices or Enforcement letters were issued during this period.

## 5 NEWS FROM ONR

### Stakeholder Engagement

- In August our Chief Nuclear Inspector Mark Foy and Deputy Chief Inspector Mina Golshan, hosted a webinar for stakeholders on the outcomes of the UK report to the Joint Convention. This is a new channel of communication which we have introduced, and further webinars are planned for November and February 2019. If you would like to find out more, please contact the ONR Communications team at [contact@onr.gov.uk](mailto:contact@onr.gov.uk)
- The ONR/NGO engagement forum took place on 11 October in London. This is a forum to discuss strategic, cross-cutting regulatory matters. Site specific matters are normally addressed via Site Stakeholder Groups. We are always keen to engage with a range of stakeholders and groups on nuclear safety and security issues, so if you do represent a nuclear-interest Non-Governmental Organisation, and are not already involved through our forum or via a Site Stakeholder Group, then please get in touch with the ONR Communications team for further details, via [contact@onr.gov.uk](mailto:contact@onr.gov.uk)

### Regulatory News

- On 25 July we announced our decision to prosecute the Atomic Weapons Establishment for offences under Section 2 (1)\* of the Health and Safety at Work etc. Act (1974). This charge related to an electrical incident on 27 June, 2017, which resulted in injury to an AWE employee. The incident was a conventional health and safety matter and there was no radiological risk to workers or the public. At a court hearing on 18 September, AWE pleaded guilty to the charge and sentencing was adjourned until 9 November, 2018.

In a separate case brought by ONR, EDF Energy Nuclear Generation Ltd and Doosan Babcock Ltd pleaded guilty on 10 October, 2018) to offences under the Health & Safety at Work etc. Act 1974, section 3(1) and the Work at Height Regulations 2005, Regulation 4(1) respectively. The charges relate to an incident on 12 April 2017 at the Hinkley Point B nuclear power station, which resulted in a serious injury to a Doosan Babcock Ltd employee. Following a hearing at Taunton Magistrates Court, the case was committed for sentencing at Taunton Crown Court with an initial hearing date set for 16 November 2018, although this date is subject to change.

Both of these cases related to conventional, industrial-type incidents that would have been subject to regulation by the Health and Safety executive prior to ONR's creation four years ago, when we gained responsibility for such matters on licensed sites. There was no radiological risk to workers or the public.

Updates on each case will be published on our website [www.onr.org.uk](http://www.onr.org.uk)

- We have recently published our [Statement of civil incidents](#) meeting the Ministerial Reportable Criteria (MRC) reported to ONR - Q2 2018 (1 April 2018 to 30 June 2018). Full details are available on our [website](#).

## **Corporate News**

- In July we published our second [gender pay report](#). The organisation-wide results show that ONR has a mean gender pay gap of 35.2%, which is wider than last year, although it is broadly similar to the rest of the UK nuclear industry and anticipated given our workforce profile, and that of the industries from which we have historically recruited. ONR is committed to addressing this issue and continues to focus on improving diversity and inclusion.
- Our Chief Executive, Adrienne Kelbie, has agreed a three-year contract extension, taking her term of employment to January 2022.
- The Department for Work and Pensions has started the process for recruiting a new ONR Chair (further details can be found on the [public appointments website](#)). Our current Chair, Nick Baldwin CBE, will remain in office until 31 March, 2019.

## **6 CONTACTS**

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