



Office for Nuclear Regulation (ONR) Quarterly Site Report for Devonshire Dock Complex, Barrow

Report for period 1 January - 31 March 2017

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

Site inspectors from ONR usually attend BAE Systems Marine Limited LLC 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

The ONR nominated site nuclear safety inspector and other specialist inspectors made inspections on the following dates during the quarter:

30 January – 2 February

7 February

20 - 23 February

20 - 23 March

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 etc. 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 Licence Conditions (LCs) attached to the licence in order to ensure legal compliance. Inspections seek to judge both the adequacy of these arrangements and their implementation. The Licensee is assigned a rating in accordance with the Red Amber Green rating system, which commenced on 1 April 2016.

In this period, routine inspections of Devonshire Dock Complex covered the following:

- Inspection of the qualifications and experience of persons performing duties which may affect safety;
- Inspection of written instructions of operations which may affect safety;
- Inspection of arrangements to identify safety mechanisms, devices and circuits in the interests of safety,
- Inspection of arrangements to ensure the regular and systematic examination, inspection, maintenance and testing of all plant which may affect safety,

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. If necessary, ONR will take formal regulatory enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

2.2 Other work

The Superintending Inspector and the Nominated Site Inspector met with the BAESML members of the BAESML management team and representatives from the Environment Agency, the Defence Nuclear Safety Regulator and other Stakeholders in Major Projects for the annual review of safety which is the vehicle by which the safety performance of the BAESML is evaluated and critically reviewed by the business, with the output being shared

with our external regulators and independent members of the Nuclear Safety Committee. It also compared the safety performance of the Company with performance from previous years.

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. ONR Issued a License Instrument to Approve the Nuclear Emergency Plan and as part of the site re-development works ONR permissioning the use of a construction enclave as part of the Nuclear Site Boundary and therefore enabled the demolition of the existing boundary wall which currently sits on the footprint of facilities to be built to support the Dreadnought programme.

5 NEWS FROM ONR

Regulation Matters magazine

Insight into ONR's work as an independent regulator of the nuclear industry can be found in Regulation Matters. This quarterly 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, you can also visit the website and sign up for our e-bulletin: <http://www.onr.org.uk/index.htm>.

New reactors update:

- ONR received a request from Government to begin the Generic Design Assessment process for the UK HPR1000 in January. The reactor is now in Step 1 of the GDA process.
- On 30 March, ONR issued Design Acceptance Confirmation for the AP1000@nuclear reactor, designed by Westinghouse. The regulators required 51 GDA issues to be resolved before confirming suitability of the design.
- ONR granted its first consent for the start of construction at Hinkley Point C licensed site. The consent covers the placement of the structural concrete for the first nuclear safety-related structure at the site.
- On 31 March, Horizon Nuclear Power submitted its application for a nuclear site licence to build and operate two UK Advanced Boiling Water Reactors at Wylfa Newydd on Anglesey.

Quarterly statement of civil incidents

ONR published its quarterly statement of civil incidents reporting on the period October-December 2016. There was one incident which met ministerial reportable criteria at Dounreay involving contamination of workers' clothing. There was no detectable intake of radioactive material by any of the people involved in the incident.

6 CONTACTS

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