



Office for Nuclear Regulation (ONR) Quarterly Site Report for Berkeley

Report for period 1 October – 31 December 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 Berkeley Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/llic/>).

A site inspector from ONR usually attends Berkeley Site Stakeholder Group 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's site inspector undertook inspections on the following dates during the quarter:

- 23 and 24 October 2017
- 4 and 5 December 2017

ONR's site inspector also attended the joint Berkeley and Oldbury Site Stakeholder Group meeting held at South Gloucestershire and Stroud College on 25 October 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 Berkeley covered the following Licence Conditions (LC) compliance inspections:

- LC 6 – Documents, records, authorities and certificates
- LC 7 – Incidents on the site
- LC 12 – Duly authorised and other suitably qualified and experienced persons
- LC 17 – Management systems
- LC 36 – Organisational capability

In general, ONR judged the arrangements made and implemented by the site in response to safety requirements to be adequate in most of the areas inspected. In respect of LC 6, ONR identified a number of shortfalls, when compared to relevant good practice, with the arrangements for records management. The licensee has responded positively to the inspection findings and adequate progress is being made in addressing the shortfalls.

Where 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 site inspector met with the Site's Safety Representatives.

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 matters of significance to report during this 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.

During the period one LI was issued following a request from the site to ONR for Approval under Licence Condition 11 of Berkeley's Emergency Arrangements. This followed ONR's announcement in September that there is no longer a requirement for an off-site emergency planning area around the Berkeley licensed nuclear site.

5 NEWS FROM ONR

5.1 New nuclear power station design approved

The UK Advanced Boiling Water Reactor (UK ABWR), designed by Hitachi-GE, is suitable for construction in the UK, the regulators confirmed following completion of an in-depth assessment of the nuclear reactor design. The Office for Nuclear Regulation (ONR), the Environment Agency and Natural Resources Wales, the regulators who undertake the Generic Design Assessment of new reactor designs, are satisfied that this reactor meets regulatory expectations on safety, security and environmental protection at this stage of the regulatory process.

ONR has issued a Design Acceptance Confirmation (DAC) and the environment agencies have issued a Statement of Design Acceptability (SoDA) to Hitachi-GE.

5.2 Step 2 of nuclear reactor assessment

We also announced on 16 in November that we are progressing to the next phase of our assessment of General Nuclear System Ltd's UK HPR1000 reactor technology. This means we will now begin the technical assessment phase. Additionally, all members of the public can give their views and find out more information about the design by going to UKHPR 1000 website at www.ukhpr1000.com.

5.3 ONR response to BEIS impact assessment

The Department for Business, Energy and Industrial Strategy (BEIS) has recently published its Impact Assessment of the Nuclear Safeguards' Bill and that makes reference to ONR's regulation. We contacted BEIS to clarify two points within the document as part of our on-going constructive engagement with them to develop a domestic safeguards regime as part of exiting Euratom. The first is that ONR regulates the nuclear industry: it does not provide services to it. Secondly, the Government's policy has developed since the assessment was undertaken and the intention is to put in place a regulatory framework which is robust and as comprehensive as Euratom. This means that we are not in a position to identify potential efficiencies in our regulatory approach at this stage.

As we support BEIS in its development of secondary legislation, we will provide advice to the Government to inform the anticipated impact assessment for nuclear safeguards regulation.

6 CONTACTS

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