



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

Report for period 1 October 2019 - 31 December 2019

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/llc/>).

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.

TABLE OF CONTENTS

1	INSPECTIONS	3
2	ROUTINE MATTERS.....	3
3	NON-ROUTINE MATTERS.....	4
4	REGULATORY ACTIVITY	4
5	NEWS FROM ONR.....	4
6	CONTACTS.....	5

1 INSPECTIONS

1.1 Dates of inspection

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

- 15-17 October 2019

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 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 covered the following legal requirements:

- LC12: Duly authorised and other suitably qualified and experienced persons
- LC 24: Operating instructions
- LC 26: Control and supervision of operations
- 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 the areas inspected. Where necessary, ONR will take formal enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

2.2 Other work

ONR's site inspector held monthly tripartite telephone calls with the Licensee and the Environment Agency; these provide for the Licensee to update the regulatory bodies with progress on decommissioning programmes and other matters related to nuclear safety, security or the environment.

The biannual South West Regional Magnox sites (Berkeley, Hinkley Point A and Oldbury) Waste Meeting was held at Berkeley site on 12 November 2019. ONR attended this meeting and was satisfied with the progress outlined.

The Annual Review of Safety, Security and the Environment for the South-West Regional Magnox sites (Berkeley, Hinkley Point A and Oldbury), was held on 13 November 2019. ONR attended this meeting and the site presented a balanced view of its performance over the year. In general ONR concurred that the licensee's performance had been adequate.

ONR's Chief Nuclear Inspector and Chair of the Board visited Berkeley site on 5 December 2019 to see first-hand the work underway on the site in preparation for decommissioning.

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', but can take other forms. In addition, inspectors may issue enforcement notices to secure improvements to safety.

No enforcement notices were issued during this period; one Licence Instrument was issued:

Licence Instruments Issued by ONR during this period

Date	Type	Ref No	Description
20/12/2019	Licence Instrument	517	Specification issued under licence condition 25(4) for Berkeley to furnish to ONR records of high-activity sealed sources. This implements changes in UK law required by the EU basic safety standards directive.

Reports detailing the above regulatory decisions can be found on the ONR website at <http://www.onr.org.uk/pars/>.

5 NEWS FROM ONR

5.1 Enforcement Action

EDF Energy has complied [with two ONR Improvement Notices](#) relating to the way it maintains auxiliary steam systems and instructs staff operating these systems. The Notices were issued in January 2019 following a serious incident at Heysham 1 power station in November 2018, when a valve failed on a steam system resulting in injury to three EDF employees. Further details are available on our [website](#).

5.2 Regulatory updates

In October, our Chief Nuclear Inspector (CNI) Mark Foy published his view on the performance of Great Britain's nuclear industry during 2018/19. In the first [report](#) of its kind, the review provides an independent, authoritative view of safety, security and safeguards performance across the nuclear industry over the last year. The report is accessible via our website homepage www.onr.org.uk

Throughout October we hosted an [Integrated Regulatory Review Service Mission](#) that saw a team of 18 independent experts from across the globe scrutinising the regulation of nuclear and radiological safety across 15 different regulatory bodies. The final report is expected in February/March 2020.

Along with the Environment Agency and Natural Resources Wales (NRW) we have published [new Generic Design Assessment \(GDA\) guidance](#) for Requesting Parties. It reflects the changes seen in the nuclear industry in the decade since GDA was introduced, in particular the Nuclear Sector Deal and the potential for Small Modular Reactor (SMR) designs to enter GDA in the future. The new guidance also incorporates lessons learnt from previous GDAs.

Together with the Environment Agency, we have also published a [joint annual report](#) on our scrutiny of Radioactive Waste Management's (RWM) work to develop geological disposal. This report summarises our work relating to the geological disposal of radioactive waste.

We have formally concluded the [licence revocation for the Cardiff Nuclear Licensed Site](#) in Wales, thereby de-licensing the site. This follows many years of nuclear site decommissioning and work to clean up the site and is the first time ONR has de-licensed a site completely, although several sites have been de-licensed by ONR's predecessor organisation, the Nuclear Installations Inspectorate.

5.3 Stakeholder engagement

In November, we hosted our second NGO Forum of the year and were delighted to welcome 18 NGO attendees from 14 different organisations. Agenda items included our work at Sellafield, ageing management of reactors and our relationship with the Defence Nuclear Safety Regulator. Presentations and minutes from all our [NGO Forum meetings](#) are made available on our website. If you represent an NGO group and would like to get involved with our NGO Forum, please get in touch with our Communications team (contact@onr.gov.uk) for further details.

All our latest news is available on our website www.onr.org.uk.

6 CONTACTS

Office for Nuclear Regulation
Redgrave Court
Merton Road
Bootle
Merseyside
L20 7HS

website: www.onr.org.uk
email: ONREnquiries@onr.gov.uk

This document is issued by the Office for Nuclear Regulation (ONR). For further information about ONR, or to report inconsistencies or inaccuracies in this publication, please visit <http://www.onr.org.uk/feedback.htm>.

© Office for Nuclear Regulation, 2020

If you wish to use this information visit www.onr.org.uk/copyright for details.

Published 01/20

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