



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

Report for period 1 January – 31 March 2015

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 of the Berkeley Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/llic/>).

The safety site inspector from ONR usually attends the 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 inspectors made inspections on the following dates during the quarter:

- 26-28 January 2015
- 9-12 February 2015
- 25-26 February 2015
- 25 March 2015
- 30-31 March 2015

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), the Management of Health and Safety at Work Regulations 1999 (MHSWR99) and the Radiation (Emergency Preparedness and Public Information) Regulations 2001 (REPPPIR).

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:

- Maintenance (licence condition (LC) 28)
- Decommissioning and management of radioactive waste (LC35)
- Control and containment of radioactive matter (LC34)
- Organisational capability (LC36)
- Operating records (LC25)
- Control and supervision of operations (LC26)
- Hazard identification and risk evaluation (LC14)
- Commissioning of the vacuum dewatering plant (LC21)
- Control of property transactions (LC3)

System inspections focus on the significant safety systems and structures derived from Berkeley's safety cases. ONR did not carry out a system inspection during the quarter.

In general, ONR judged that the arrangements made and implemented by the site met the requirements of the safety case and the required safety standards in the areas inspected.

2.2 Other work

The site inspector attended the January stakeholder group meeting, where he referred members to the 2014 fourth quarter's report. He also attended the special stakeholder group meeting where Magnox Ltd presented proposals for changing some of the ways decommissioning was to be achieved.

ONR specialist inspectors discussed with Berkeley the content of the site's hazard identification and risk evaluation (HIRE) required by REPPIR. Berkeley's HIRE was found to need modification because of changes in circumstances.

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. Berkeley appeared to have responded appropriately to the three incidents reported to ONR during the quarter:

1. A low level waste drum declared as dispatched for incineration was found to be still on site. Berkeley undertook an investigation into the matter.
2. Power supply failure resulted in the loss of personnel muster and accounting facility.
3. Maintenance of remote leak detection equipment for three drums of low level waste was removed while the drums were stored in an unmanned facility. Berkeley was investigating the incident.

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 Enforcement Notices were issued to Berkeley during the period.

5 NEWS FROM ONR

5.1 Relicensing of the Harwell and Winfrith Sites to Magnox Ltd

On 1 September 2014, the ownership of both Magnox Ltd and Research Sites Restoration Limited (RSRL) was transferred by the Nuclear Decommissioning Authority to the Cavendish Fluor Partnership Limited, the new Parent Body Organisation (PBO). At that time ten Magnox reactor sites were licensed to Magnox Ltd and the Harwell and Winfrith sites, in Oxfordshire and Dorset respectively, were licensed to RSRL. As part of the new PBO's organisational change strategy, on 28 November 2014 Magnox Ltd and RSRL applied to ONR to relicense the Harwell and Winfrith sites to Magnox Ltd.

ONR conducted a targeted and proportional assessment of these applications in accordance with its publication 'Licensing Nuclear Installations' and on 30 March 2015 the Chief Nuclear Inspector, Andy Hall, granted Magnox Ltd new nuclear site licences for the Harwell and Winfrith sites. These new licences came into force on 1 April 2015, so from that date, the Harwell and Winfrith sites were licensed to Magnox Ltd along with the existing ten Magnox reactor sites. ONR's Project Assessment Report relating to this relicensing will be published on the ONR [web site](#).

With 12 sites now under the management of Magnox Ltd as a single licensee, the PBO will be able, subject to a further organisational change, to carry out decommissioning and hazard-reduction activities across the decommissioning sites using a programmatic approach, in which common decommissioning methods will be deployed at different sites.

Magnox Ltd plans further organisational changes and the introduction of a unified management system across the 12 sites, which will result in common arrangements for compliance with ONR's licence conditions. These organisational changes and changes to the licensee's licence condition compliance arrangements will be subject to appropriate assessment and oversight by ONR in future months.

5.2 ONR Annual Plan

ONR has published its [Annual Plan for 2015/16](#), setting out its priorities, as well as providing details of the year's planned activities and key targets.

Insight into ONR's work as an independent regulator of the nuclear industry can be found on the ONR website news centre (<http://news.onr.org.uk>) and in ONR's Quarterly News. The online publication (<http://www.onr.org.uk/onr-quarterly-report.htm>) reports on the key themes and developments in ONR. For the latest news and updates from ONR visit the website and sign up for our ebulletin (<http://www.onr.org.uk/ebulletin/index.htm>).

5.3 Annual Report and Accounts

ONR is in the process of producing its first Annual Report and Accounts (ARA) as a public corporation. It will be laid in Parliament in June 2015. The report presents an overview of our first year, including achievements, financial management and the annual Chief Nuclear Inspector's Statement.

6 CONTACTS

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