



# Office for Nuclear Regulation (ONR) Quarterly Site Report for Hunterston A

Report for period 01 January 2015 to 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 Hunterston Site Stakeholder Group and are also available on the ONR website ([www.onr.org.uk/lc](http://www.onr.org.uk/lc))

Site inspectors from ONR usually attend Hunterston 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.

## 1 INSPECTIONS

### 1.1 Dates of inspection

1. The ONR site inspector made inspections on the following dates during the quarter:

19-23 January

2-6 March

For the January inspection, the inspector was accompanied for most of the time by an electrical engineering specialist and for the March inspection, the inspector was accompanied for most of the time by an Organisational Capability specialist inspector.

## 2 ROUTINE MATTERS

### 2.1 Inspections

2. 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 Health and Safety at Work Act 1974 (HSWA74);
  - The Energy Act 2013; 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).
3. 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 Hunterston A covered the following:
  - Training
  - Operating Rules
  - Operating instructions
  - Safety mechanisms, devices and circuits
  - Examination, inspection, maintenance and testing
  - Leakage and escape of radioactive material and radioactive waste
  - Modification to design of plant under construction
  - Organisational Capability
4. The electrical engineering specialist inspector and the site inspector carried out inspections aimed at judging the adequacy of site essential services in line with the site safety case. This primarily covered the electrical services for the site. In general, ONR judged the system to be adequate, in line with the requirements of the safety case. However, ONR has raised points regarding the condition of certain electrical assets. The site has provided commitments to address these areas and engagement is on-going. ONR will review the position in line with the timescale of the commitments.

5. The organisational capability specialist inspector and site inspector carried out inspection on organisational capability including the site implementation of organisational changes and ONR judged the arrangements and their implementation to meet the regulatory expectations.
6. The organisational capability specialist inspector and the site inspector carried out inspection on modification to design of plant under construction focusing in particular on the current new build encapsulation facility on the site. ONR found a number of weaknesses in the management and consideration of such modifications during construction for this particular contract. ONR identified shortfalls in the procedures currently in place and communicated its judgement to the site. The site has involved the corporate body to provide additional support and has instigated an improvement programme with further commitments to improve this particular contract. ONR has noted this and engagement is on-going.
7. As part of a previous inspection carried out in November 2014 on incidents on site, the site provided commitments to address the shortfall with regard to the adoption of the new corporate standard. In March 2015, the ONR site inspector was able to confirm that the site had adopted the standard and the individual investigators had been adequately trained in the new standard.

### **3 NON-ROUTINE MATTERS**

8. 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.
9. There were no such matters or events of significance during the quarter.

### **4 REGULATORY ACTIVITY**

10. 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' (LI), but can take other forms. In addition, inspectors may issue enforcement notices to secure improvements to safety. No LIs or Enforcement notices have been issued during the period.

Reports detailing regulatory decisions are available on the ONR website at <http://www.onr.org.uk/pars/>.

### **5 NEWS FROM ONR**

#### **11. Relicensing of the Harwell and Winfrith Sites to Magnox Limited**

12. On 1 September 2014, the ownership of both Magnox Limited (MXL) 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 this time 10 Magnox reactor sites were licensed to MXL 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 MXL and RSRL applied to ONR to relicense the Harwell and Winfrith sites to MXL.

13. 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 MXL new nuclear site licences for the Harwell and Winfrith sites. These new licences were to come into force on 1 April 2015, so from that date, the Harwell and Winfrith sites were licensed to MXL along with the existing 10 Magnox reactor sites. ONR's Project Assessment Report relating to this relicensing will be published on the ONR [website](#).
14. With 12 sites now under the management of MXL 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.
15. MXL 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.
16. ONR's licence condition handbook is available via the ONR website at <http://www.onr.org.uk/silicon.pdf>
17. 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.
18. 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>).

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