



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

Report for period 01 April 2016 to 30 June 2016

## 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/lrc](http://www.onr.org.uk/lrc))

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 inspections were made on the following dates during the quarter:

16<sup>th</sup> – 20<sup>th</sup> May 2016

1<sup>st</sup> – 2<sup>nd</sup> June 2016

28<sup>th</sup> - 29<sup>th</sup> June 2016

As part of the May inspection, the ONR site inspector was accompanied by an emergency planning specialist inspector as part of the broader understanding of site inspection. The early June inspection was undertaken to allow the ONR inspector to attend the June SSG. The late June inspection was a team readiness inspection following up from the previous readiness inspection in March, and the ONR site inspector was accompanied by a radioactive waste specialist inspector, a mechanical engineering specialist inspector and two control and instrumentation specialist inspectors.

## 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:

- Duly authorised and other suitably qualified and experienced persons
- Construction or installation of new plant
- Modification to design of plant under construction
- Commissioning
- Operating Instructions
- Control and supervision of operations

4. The site inspector considered the Modification to design of plant under construction and found that the site had maintained the improvements in the implementation of arrangements for the SILWE project as found in the previous inspection in December 2015 and thus considered the position to be green in line with the new rating system.

The site inspector undertook two inspections with regard to construction or installation of new plant on the SILWE project, one in May and one in early June. The May inspection found that although improvements had been made in the implementation of arrangements on site since the inspection in December 2015, there were still a number of deficiencies with regard to compliance with the arrangements and thus the inspection was rated as amber. ONR returned in early June at the request of Magnox to re-inspect the project and found that the improvements requested had been addressed. Although there were minor inconsistencies with the application of arrangements, the inspector rated the inspection green in line with the new rating system.

5. The ONR site inspector undertook an inspection of duly appointed and other suitably qualified and experienced persons and considered there to be a number of deficiencies regarding the interpretation of control and supervision with regard to the duly appointed person's role. Site has agreed to clarify the position with regard to this and the inspection was rated as amber in line with the new rating system.
6. The ONR inspector undertook an inspection on operating instructions to follow up on the findings of the inspection carried out in June and July 2015. ONR found that the arrangements had not been updated as requested and that further deficiencies with regard to operating instructions were found. Site has agreed to put in place an action plan to address these and ONR had rated this as amber in line with the new rating system.
7. The ONR site inspector undertook an inspection of control and supervision of operations. The inspector found the individuals engaged to be fully competent in their duties. The inspector noted a number of deficiencies within the arrangements for the individuals with control and supervisory roles, which appear to be limited in their ability to supervise operations, although the control aspect was clear. ONR has engaged with the site with regard to how this can be addressed and an action plan is being put in place. ONR considered the inspection to be amber in line with the new rating requirements.
8. ONR also undertook a team inspection on the WILWREP facility as a readiness inspection prior to the facility moving into active commissioning. The ONR inspectors found that the site had addressed the deficiencies found during the previous inspection and concluded that the project was ready to move into active commissioning and thus the inspection was rated as green in line with the new ratings system. The WILWREP project is to be commended for the amount of work carried out since the previous inspection.

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

9. 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.
10. The site reported to ONR an incident regarding the inadvertent removal of a particle of active graphite from the licensed site, but not from the control of the Hunterston A site. The particle was speedily recovered to the licensed site. ONR have now received the site's investigation report and is seeking to send a Radiation Protection and an Organisational Behaviour specialist inspector to discuss the findings and actions with the site and seek to gain confidence that site has implemented improvements to avoid any such repetition.

### **4 REGULATORY ACTIVITY**

11. 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.

**Table 1**  
**Licence Instruments and Enforcement Notices Issued by ONR during this period**

Date	Type	Ref No	Description
8 April 2016	Approval	LI 538	Approval of the site's nuclear safety committee terms of reference under LC 13(3)
8 April 2016	Approval	LI 539	Approval of the site's arrangements for urgent safety proposals under LC 13(12).

12. No Enforcement Notices have been issued during the period.
13. Reports detailing regulatory decisions are available on the ONR website at <http://www.onr.org.uk/pars/>.

## **5 NEWS FROM ONR**

### **5.1 Chief Nuclear Inspector's annual statement**

14. ONR published its Annual Report and Accounts 2015/16 on 7 July. As well as reporting on ONR's performance, the report includes the Chief Nuclear Inspector's annual statement, which provides a judgement on the regulatory attention necessary for each licensed site, dependent on the level of hazard and risk posed by the facility. The Annual Report and Accounts can be viewed on the ONR website.

### **5.2 New regulatory structure**

15. ONR has recently reviewed its organisational arrangements to ensure that our regulatory structure is appropriately focused to deliver front-line regulation over the next few years. To maintain effective and proportionate regulation, and to address potential and actual imbalances in the current workloads of the programmes, we have created three nuclear safety programmes, each led by a Deputy Chief Inspector. These programmes are:

- A new reactors programme dealing with design assessment, licensing and construction of civil reactors.
- An operating facilities programme dealing with operating reactors, defence sites and other operating facilities.
- A Sellafield, decommissioning, fuel and waste programme dealing predominantly in decommissioning and waste.

16. You can view ONR's [organisational structure](#) and full [regulatory structure](#) on our website.

### **5.3 Chief Nuclear Inspector Summary Plan for 2016/17**

17. The CNI Summary Plan outlines high level regulatory milestones to deliver ONR's Strategic Plan to 2020 and ONR's approach to the delivery of safety and security regulation across the UK's nuclear reactors and facilities. It was published on 11 July on the ONR website

#### 5.4 Regulation Matters magazine

18. 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 ongoing 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>

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