



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

Report for period 01 January 2016 to 31 March 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/llc)

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:

1st – 5th February 2016

1st – 3rd March 2016

22nd -23rd March 2016

As part of the February inspection, ONR undertook an IRR 99 core inspection led by a radiation protection specialist inspector accompanied by an ONR nuclear associate. The early March inspection was undertaken by an ONR human and organisational capability specialist inspector accompanied by an ONR conventional safety inspector. The late March inspection was a team readiness inspection 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. Part of the February inspection was jointly carried out with the SEPA site 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:

- Incidents on the site
- Emergency arrangements
- Commissioning
- Accumulation of radioactive waste
- Leakage and escape of radioactive material and radioactive waste
- Decommissioning
- Ionising Radiations Regulations 1999

4. The site inspector considered the emergency arrangements in terms of learning from the last demonstration exercise to be appropriate and in line with the regulatory

expectation. The site inspector considered the decommissioning programme and considered the position to be appropriate, although some areas for improvement were identified. As part of the joint inspection with SEPA, the ONR inspector considered the leakage and escape of radioactive material and radioactive waste to be appropriately managed. The ONR radiation protection specialist inspector undertook a core IRR99 inspection covering a broad range of the regulations and considered the site position to be adequate.

5. The ONR site inspector undertook an inspection of incidents on site and found there to be shortfalls in the quality of the investigation reports. Furthermore, the ONR human and capability specialist inspector undertook a follow-up inspection on site investigation of incidents to consider how the site had addressed the findings of last year's inspection on the implementation of corporate arrangements and found that not all the findings had been adequately addressed. Site is undertaking further work to address these outstanding items.
6. The ONR site inspector jointly with the SEPA inspector considered accumulation of radioactive waste and identified a number of shortfalls on the site. Following discussion with the site, a programme of work is in place to address the shortfalls and a re-inspection will be planned once site considers that it has addressed the position.
7. 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 a number of deficiencies during the inspection and concluded that the project was not ready to move into active commissioning. ONR is confident that the deficiencies can be quickly addressed and a re-inspection will be scheduled once the project has completed the action plan.

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.

LI 521 was issued in March 2016. This was the withdrawal of the approval regarding the document retention schedule.

LI 522 was issued in February 2016. This was an agreement under derived powers regarding the alignment of the site decommissioning programme with Scottish Government Higher Active Waste policy.

LI523 was issued in March 2016. This was the approval of the new emergency plan as part of the changes arising as a result of the changes at the Magnox corporate centre.

ONR also issued its determination of the off-site planning requirements under REPPiR and have determined that an off-site plan for Hunterston A is no longer required in the

legislation. Letters have been sent to both the site and North Ayrshire council and the PAR and the letters are published on the ONR website.

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 appointment

11. ONR announced the appointment of Dr Richard Savage as its new Chief Nuclear Inspector (CNI) to lead our regulatory activity. Richard is a Chartered Engineer with an extensive background in nuclear safety and regulation. He served as Head of the Defence Nuclear Safety Regulator, Ministry of Defence, before being appointed to ONR as a Deputy Chief Nuclear Inspector in 2013. He was Acting CNI since Dr Andy Hall's retirement in November 2015.

5.2 ONR Strategic Plan 2016-2020

12. In March, ONR published its Strategic Plan covering 2016-2020. The plan sets out the factors that will influence our work and the assumptions we have made about regulating the nuclear sector in the next few years, as well as how we deliver the commitments we have made to the public, ministers and government, licensees, dutyholders and our staff. The plan was laid in Parliament on 22 March and can be viewed on the ONR website.

5.3 Regulation Matters magazine

13. 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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