



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

Report for period 1 January 2017 to 31 March 2017

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 (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR attend Hunterston Site Stakeholder Group meetings according to the Intervention Plan (normally annually) and can respond to any questions when there. Otherwise, any person wishing to inquire about matters covered by this report should contact ONR (<http://www.onr.org.uk/feedback.htm>)

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1 INSPECTIONS

1.1 Dates of inspection

The ONR site inspector attended site on the following dates during the quarter: -

- 23rd – 26th January 2017
- 23rd March 2017 accompanied by a team from ONR

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 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).

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. Twenty two of the Licence Conditions require the Licensee 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 Licence Conditions (LC):

- LC10 Training
- LC23 Operating Rules
- LC24 Operating Instructions
- LC25 Operational Records
- LC27 Safety Mechanisms, Devices & Circuits
- LC28 Examination, Inspection, Maintenance and Testing
- LC34 Leakage & Escape of Radioactive Material & Radioactive Waste

In general, ONR judged the arrangements made and implemented by the site in response to safety requirements to be adequate in the areas inspected. However, where improvements were considered necessary, the licensee made satisfactory commitments to address the issues, and the site inspector will monitor progress during future visits. Where necessary, ONR will take formal regulatory enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

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. No such matters were reported to ONR within the period.

A team from ONR visited site to discuss proposals prepared by Magnox concerning future plans for the decommissioning and safe storage of plant from the Hunterston A site. This was an information gathering exercise and no regulatory judgements were made.

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

One LI was issued to Hunterston A during this period; an Approval under LC11 (Emergency Arrangements), Section 3. This requires Hunterston to gain ONR approval of any changes made to the site emergency arrangements. The changes made reflect the reduced hazard following the removal of fuel from site such that a radiation emergency is no longer foreseeable. There is therefore no longer the requirement for an off-site emergency plan.

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

5 NEWS FROM ONR

New reactors update:

- ONR received a request from Government to begin the Generic Design Assessment process for the UK HPR1000 in January. The reactor is now in Step 1 of the GDA process.
- On 30 March, ONR issued Design Acceptance Confirmation for the AP1000® nuclear reactor, designed by Westinghouse. The regulators required 51 GDA issues to be resolved before confirming suitability of the design.
- ONR granted its first consent for the start of construction at Hinkley Point C licensed site. The consent covers the placement of the structural concrete for the first nuclear safety-related structure at the site.
- On 31 March, Horizon Nuclear Power submitted its application for a nuclear site licence to build and operate two UK Advanced Boiling Water Reactors at Wylfa Newydd on Anglesey.

Quarterly statement of civil incidents

ONR published its quarterly statement of civil incidents reporting on the period October-December 2016. There was one incident which met ministerial reportable criteria at Dounreay involving contamination of workers' clothing. There was no detectable intake of radioactive material by any of the people involved in the incident.

ONR Regulatory Matters

Insight into ONR's work as an independent regulator of the nuclear industry can be found in ONR's Regulation Matters. The 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. <http://www.onr.org.uk/index.htm>. 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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