



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

Report for period 01 July 2016 to 30 September 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 for the Hunterston Site Stakeholder Group (SSG) and are also available on the ONR website (<http://www.onr.org.uk/llic/>).

Site inspectors from ONR usually attend Hunterston SSG meetings and will respond to any questions raised there. Any person wishing to enquire about matters covered by this report should contact ONR.

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1 INSPECTIONS

1.1 Dates of inspection

1. The ONR nominated site inspector made inspections, supported where appropriate by specialist inspectors, on the following dates during the quarter:

12 – 14 July 2016

17 – 19 August 2016

30 August – 1 September 2016

19 – 21 September 2016

2. ONR's civil nuclear security inspectors undertake quarterly inspections at Hunterston B. The quarter 3 planned inspection was undertaken on:

24 – 25 August 2016

2 ROUTINE MATTERS

2.1 Inspections

3. 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 etc. (HSWA74); 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).

4. 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.

5. In this period, routine inspections of Hunterston B covered the following:

- Training
- Operating Instructions
- Consignment of nuclear matter
- Construction or installation of a new plant
- Modification or experiment of existing plant

6. 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.

7. In addition to our compliance inspections based on the conditions attached to the nuclear site licence, ONR inspectors also inspect operating reactors against safety related systems. Each site has a safety case that demonstrates how it operates safely. For advanced gas cooled reactors, each of approximately thirty key systems will be inspected against the claims made upon them by the safety case. The aim is to systematically inspect all the significant safety related systems within a five-year cycle (six per year). ONR believes that this will provide more robust assurances of the site's safe operation and how the safety case is being implemented.
8. During this quarter, there were no system based inspections undertaken on the station. Two such inspections are scheduled to be undertaken during quarter 4.

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. Licence Condition 7 requires licensees to make and implement adequate arrangements for the notification, recording, investigation and reporting of incidents occurring on the site. During this period, as part of ONR's routine inspection of incidents recorded at the station throughout the year, ONR examined the details of an incident that had occurred in February 2016. This incident involved scaffolding that had been erroneously left in place on top of the turbine hall crane which had been installed to allow access for maintenance activities but not removed afterwards. When the crane was subsequently operated, it resulted in a collision between the scaffold structure and the turbine hall roof beams. The collision led to damage to the scaffold and minor damage to the turbine hall roof. ONR judged that the station's arrangements for the control of such work was not sufficiently robust and that better use should have been made of operational experience from previous events.. Accordingly, ONR issued a letter to the station in September 2016, seeking improvements to control of work involving the concurrent use of scaffolding and mobile lifting equipment for all industrial and nuclear related activities on the station. ONR will undertake follow-up inspections in 2017 to monitor improvements.

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' (LIs), but can take other forms. In addition, inspectors may issue Enforcement Notices to secure improvements to safety.
12. During this quarter, there were no Licence Instruments issued to the station.
13. No Enforcement Notices were issued during the period.

5 NEWS FROM ONR

Insight into ONR's work as an independent regulator of the nuclear industry can be found in ONR's [Regulation Matters](#). The online publication (reports on the key themes and developments in each of ONR's regulatory programmes and provides an update about the on-going changes at ONR. For the latest news and updates from ONR visit the [website](#) and sign up for our [ebulletin](#)

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