



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

Report for period 1 April to 30 June 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 for the Dungeness Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR usually attend Dungeness 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.

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1 INSPECTIONS

1.1 Dates of inspection

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

- 1 and 13-16 April 2015
- 11-14 May 2015
- 15-18 June 2015

He was accompanied by other inspectors as follows:

- Two inspectors to witness the annual demonstration emergency exercise – 1 April 2015
- Structural integrity specialist inspector – 13-15 April 2015
- Superintending inspector – 15-16 April 2015
- Outage project inspector – 12-14 May & 16-18 June 2015
- Radioactive waste specialist inspector – 14 May 2015
- Human factors specialist inspector 15-17 June 2015

Other inspectors visited the station for inspections associated with the 2015 Reactor 22 statutory outage as follows:

- Two structural integrity specialist inspectors 1-3 June 2015
- One structural integrity specialist inspector – 18 June 2015
- One electrical engineering specialist inspector – 12 June 2015
- One control and instrumentation specialist inspector 16-17 June 2015
- Two mechanical engineering specialist inspectors – 9 June 2015
- Two graphite specialist inspectors – 23 June 2015
- One quality assurance specialist inspector – 4 and 9 June 2015
- One radiological specialist inspector – 4 June 2015

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 Energy Act 2013
- the Health and Safety at Work Act 1974 (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).

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 Dungeness B covered the following:

- management of operations including control and supervision;
- staff training, qualifications and experience;

- modifications to plant, equipment and safety cases;
- emergency preparedness;
- radiological protection;
- radioactive waste management;
- quality assurance and records;

In general, ONR judged the arrangements made and implemented by the station 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.

A team of three ONR inspectors assessed the station's annual level 1 demonstration emergency exercise. The exercise was a challenging one, which required the station to deal with an incident including an element of sabotage and radioactive release. Whilst the station dealt with these adequately, we judged that there were a number of aspects that could have been improved. The access control point (ACP), which is one of the control centres during an emergency, had a high workload during the exercise and dealt with the plant problems and locating missing persons; however, it was considered that it did not fully adhere to the expected standards. ONR therefore required the station to demonstrate an improved ACP performance to the site inspector during a routine shift exercise.

ONR attended the station's annual review of safety (ARoS) meeting on 16 April 2015. This is a formal meeting held at all sites, which is also attended by the Superintending Inspector who leads the Operating Reactors' sub-programme within ONR. The purpose of the meeting is to provide ONR with a summary of the operation of the station over the year and to provide a statement about the licensee's intentions for improved operation, which may affect safety for the forthcoming year. ONR had no major issues with the licensee's intentions.

Reactor 22 started its 2015 statutory outage on 1 May 2015. Within the reporting period ONR specialist inspectors made eight visits to the station to inspect work in their areas. The site inspector and outage project inspector have also inspected progress and the general management of work on the station. Whilst there are still a number of issues to be resolved before the end of the outage, ONR inspectors have not identified any major concerns that are likely to prevent the reactor returning to power.

2.2 Other work

The site inspector attended the site stakeholder group meeting on 21 April 2015.

The site inspector held a periodic meeting with safety representatives, to support their function of representing employees and receiving information on matters affecting their health, safety and welfare at work.

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.

There were no such matters or events of significance during the period.

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' (LIs), but can take other forms. In addition, inspectors may issue Enforcement Notices to secure improvements to safety.

No LIs or 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 Quarterly News. The online publication (<http://www.onr.org.uk/onr-quarterly-report.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>).

ONR published its [Annual Report and Accounts for 2014/15](#) on 29 June. The report details key developments during our first year as a public corporation including:

- progress against ONR's Annual Plan 2014/15, including the Chief Nuclear Inspector's annual statement on the safety and security performance of the nuclear industry
- details of management arrangements and how our resources have been utilised
- a summary of our governance arrangements
- the financial statements for 2014/15
- remuneration of non-executive and executive members of the ONR Board
- the Certificate of the Comptroller and Auditor General to the Houses of Parliament, containing an unqualified audit opinion

6 CONTACTS

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Published 07/15

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