



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

Report for period 1 October – 31 December 2014

## 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 SSG and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR usually attend Dungeness SSG 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:

- 6-9 October
- 10-13 November
- 8-11 December

Other ONR inspectors visited the site on the following dates during the quarter:

- 11-12 November – heating and ventilation technical specialist
- 13 November – structural integrity specialist inspector

## 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 (site/station) covered the following:

- documents, records, authorities, and certificates
- examination, maintenance, inspection and testing;
- management of operations including control and supervision;
- staff training, qualifications and experience;
- modifications to plant, equipment and safety cases;
- control of nuclear material

In addition, the following systems were inspected:

- Heating and ventilation

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.

The site inspector and a structural integrity specialist inspector participated in the site's outage intentions meeting where the site presented the plan for the 2015 outage for Reactor 22.

The site inspector attended the annual emergency arrangements review meeting, which followed up the licensee's response to ONR's comments on the level 1 emergency exercise in July 2014 and; also, started the planning for the 2015 emergency exercise.

## 2.2 Other work

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.

For the last quarter, ONR reported on two events related to elevated tritium levels. The first related to elevated tritium levels from routine monitoring of a borehole and the second related to the discovery of a hole in pipework between the reactor gas circuit and the nitrogen plant containing carbon dioxide and nitrogen, which was postulated as the source of the tritium. The site repaired the pipework and tritium levels fell throughout the period. The site provided regular briefings to ONR and the Environment Agency on tritium levels. At all times elevated tritium levels were restricted to a localised area well within the site boundary and no route existed to expose members of the public. The licensee forwarded its report on the events to ONR in mid-December and at the end of the reporting period, ONR was still considering the contents of the report.

## 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.

The following LIs and Enforcement Notices have been issued during the period:

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

Date	Type	Ref No	Description
27/10/14	Agreement	LI 545	Agreement to allow change over from the existing data processing system for Reactor 21 to a new system

Reports detailing the above regulatory decisions can be found on the ONR website at <http://www.onr.org.uk/pars/>.

## 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>).

## 6 CONTACTS

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