



# Office for Nuclear Regulation (ONR) Quarterly Site Report for TORNESS

Report for period 01 January – 31 March 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 Torness Local Liaison Committee and are also available on the ONR website (<http://www.onr.org.uk/lc/>).

Site inspectors from ONR usually attend Torness Local Liaison Committee 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:

14<sup>th</sup> to 17<sup>th</sup> January

25<sup>th</sup> to 27<sup>th</sup> February

18<sup>th</sup> to 20<sup>th</sup> March

26<sup>th</sup> and 27<sup>th</sup> March

Specialist and project inspectors visited site on

14<sup>th</sup> to 17<sup>th</sup> January

18<sup>th</sup> to 20<sup>th</sup> March

A Superintending Inspector also attended site on 26<sup>th</sup> and 27<sup>th</sup> March.

## 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:

- staff training, qualifications and experience;
- modifications to plant, equipment and safety cases;
- emergency preparedness
- operating rules
- operating instructions
- safety mechanisms
- examination, maintenance, inspection and testing;
- control and supervision of operations;

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.

During this quarter, inspections were undertaken on the compliance arrangements, and their implementation, for work that was being undertaken during the Reactor 1 statutory maintenance outage. Inspections and safety case assessments included:

- civil engineering systems
- electrical engineering systems
- management systems
- mechanical engineering systems
- radiological protection
- reactor control and instrumentation systems
- reactor internals (graphite) inspections
- reactor internals (non-graphite) inspections
- structural integrity inspection

A site inspection was undertaken at the end of outage by the site inspector and a Superintending Inspector to assure ONR of station's readiness to return Reactor 1 to power. In general, the plant and operational arrangements were deemed to be in a satisfactory condition. Where improvements were considered necessary, commitments to address the issues prior to reactor start up were made by the licensee.

Following completion of the ONR outage assessment inspections, ONR issued a Licence Instrument (consent) to allow Torness to restart Reactor 1.

## **2.2 Other work**

The site inspector attended a Torness Local Liaison Committee meeting on 20<sup>th</sup> March 2014.

## **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 inspectors, specialist inspectors and HSE inspectors 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
10.04.2014	Consent	LI 535	Consent to restart Reactor 1 following the 2014 statutory outage (see Note 1).
29.01.2014	Approval	LI531	Approval of nuclear safety requirements change for off load depressurised refuelling.

NOTE 1: This Consent, which was issued by ONR outside of the period covered by this report, is described in Table 1 to reflect ONR's intervention management process for the Reactor 1 2014 statutory outage in support of regulatory activities during this period.

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

### 5 NEWS FROM ONR

On 1 April 2014, the ONR was established as a Public Corporation under the Energy Act 2013. The **Energy Act 2013** sets out the legal framework for regulation of GB nuclear sites by the ONR. In addition, the ONR has the powers to regulate conventional health and safety on GB nuclear sites. ONR now has its own logo, which will be used on all documents and other external communication media. Other notable changes include a new website and publication of an Annual Plan for 2014/15.

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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