



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

Report for period 1 January – 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 for the Torness Local Liaison Committee and are also available on the ONR website (<http://www.onr.org.uk/llic/>).

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.

## TABLE OF CONTENTS

1	INSPECTIONS .....	3
2	ROUTINE MATTERS .....	3
3	NON-ROUTINE MATTERS .....	4
4	REGULATORY ACTIVITY .....	4
5	NEWS FROM ONR .....	4
6	CONTACTS .....	5

## 1 INSPECTIONS

### 1.1 Dates of inspection

ONR inspectors carried out inspections on the following dates during the quarter:

- 9 to 13 January;
- 13 to 14 February;
- 28 February to 2 March;
- 14 to 15 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 the 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 inspection activities covered the following:

- Licence Condition 22 - Modification or experiment on existing plant;
- Meetings with EdF's internal nuclear assurance function;

In addition to our program of site licence compliance inspections, ONR also undertakes system based inspections which are focused on the site's critical safety systems and structures identified in licensees' safety cases. During the period, ONR specialist inspectors performed system based inspection of the following systems:

- Decay Store;
- Fire protection systems.

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, although that was not considered necessary in this quarter.

### 2.2 Other work

The site's annual 'level 1' demonstration emergency exercise took place in March 2017. The exercise, which involved participants from the emergency services as well as EDF NGL's own

staff, was designed to demonstrate Torness power station's capability to deal effectively with an emergency incident. The exercise was observed by a team of ONR inspectors who concluded that the exercise was a successful demonstration of the site's emergency arrangements.

The licensee's Annual Review of Safety for Torness power station was also held in March 2017, attended by the ONR superintending inspector for operating reactors. The licensee presented its assessment of safety performance on the site and identified its priorities for improvement for the next 12 months. ONR considered that the licensee's assessment was sufficiently comprehensive and had identified appropriate areas to improve its safety performance. The review meeting covered;

- A summary of the operation of the station in the preceding period.
- A review of performance against the statements made at the previous station Annual Review meeting.
- A statement about the intentions for improved operation in the next period, covering matters which may affect safety on the site.
- A summary of planned improvements and significant projects necessary in the interests of continued safe and secure operation that will be undertaken in the longer term.

This period also included a Local Liaison Committee meeting attended by ONR, and the ONR Site Inspector also had meetings with site safety representatives.

### **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 licence instruments or enforcement notices were issued during this quarter.

### **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.

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>).

## 6 CONTACTS

Office for Nuclear Regulation  
Redgrave Court  
Merton Road  
Bootle  
Merseyside  
L20 7HS

website: [www.onr.org.uk](http://www.onr.org.uk)

email: [ONREnquiries@onr.gsi.gov.uk](mailto:ONREnquiries@onr.gsi.gov.uk)

This document is issued by the Office for Nuclear Regulation (ONR). For further information about ONR, or to report inconsistencies or inaccuracies in this publication please visit <http://www.onr.org.uk/feedback.htm>.

© Office for Nuclear Regulation, 2015

If you wish to reuse this information visit [www.onr.org.uk/copyright](http://www.onr.org.uk/copyright) for details.

Published 01/15

*For published documents, the electronic copy on the ONR website remains the most current publicly available version and copying or printing renders this document uncontrolled.*