



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

Report for period 1 July – 30 September 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 .....	4

## 1 INSPECTIONS

### 1.1 Dates of inspection

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

- 17-19 July;
- 22-25 August;
- 4-7 September;
- 25-28 September

## 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 3 – Control of Property Transactions;
- Licence Condition 11 – Emergency arrangements
- Licence Condition 14 – Safety documentation [including safety cases];
- Licence Condition 22 - Modification or experiment on existing plant;
- Licence Condition 23 – Operating Rules

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:

- Control rods;
- Diverse shutdown 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

In September East Lothian organised a ‘Level 2’ emergency exercise for Torness called ‘Exercise Magpie’. Unlike the ‘Level 1’ *onsite* exercise held in March, this aimed primarily to test the *offsite* capability to deal with an emergency by government agencies including emergency services, Local Authorities, Food Standards Scotland etc. ONR was involved in the exercise in a number of ways:

- As a participant, at the Torness Strategic Control Centre (SCC) in Penston House, Tranent, at the Torness Emergency Control Centre (ECC), and at the ONR Incident Suite in Bootle, Merseyside;
- As an observer at the SCC, ECC and the EDF Central Emergency Support Centre (CESC) in Barnwood, Gloucestershire.

Exercise Magpie participants considered it to be a successful test, with some points for learning and improvement, as is normal for such exercises.

## 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.

A single safety related event was reported in this quarter by Torness. It related to engineering tests that showed that some of the electrical safety systems on the refuelling machine were responding slightly less quickly than specified. This has since been rectified.

## 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.

There were no licence instruments or enforcement notices issued for Torness in this quarter.

## 5 NEWS FROM ONR

ONR Chief Nuclear Inspector, Dr Richard Savage, has announced he will be stepping down after two years in the role for family reasons. ONR has appointed Mark Foy, current Director of our Operating Facilities, as Chief Nuclear Inspector (CNI) with effect from 30 October following ministerial approval.

ONR will soon launch its new newsletter containing the latest news and developments from across the organisation. If you would like to receive this, please subscribe on the [ONR website](#).

## 6 CONTACTS

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