



# Office for Nuclear Regulation (ONR) Quarterly Site Report for Sizewell A

Report for period 1 April 2016 – 30 June 2016

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

Site inspectors from ONR usually attend Sizewell 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:

- 28 April
- 28-30 June

### 1.2 ONR held meetings with Sizewell A on the following dates during the quarter:

- 28 April permissioning plan for revised emergency arrangements
- 24-25 May – Annual Review of Safety, Security and Environment (ARoSSE)
- 28 June – Review of revised Lifetime Plans

## 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);
- Regulations made under HSWA74, for example the Ionising Radiations Regulations 1999 (IRR99) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99); and
- The Nuclear Industry Security Regulations (NISR) 2003.

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, the safety inspections covered compliance with the following:

- LC11 – Emergency Arrangements
- LC13 – Nuclear Safety Committee
- Ionising Radiation Regulations (IRR99)
- LC11 – Emergency Arrangements (Level 1 Demonstration)

From the compliance inspections, ONR judged the arrangements made and implemented by the site to meet the intent of the safety case and the required safety standards. No issues or actions were raised.

In relation to LC11, the licensee had written to ONR requesting approval of a revised emergency plan. The licensee undertook an exercise to demonstrate its proposed emergency arrangements in April which ONR judged to be an adequate demonstration. In June, the licensee also conducted a Level 1 Emergency demonstration. ONR judged that whilst a number of good points were identified, and the overall command and control was adequate, this was an inadequate demonstration. This is not a significant safety concern as the causes are understood and the licensee had already demonstrated an adequate emergency response capability this period. The licensee has agreed to carry out a partial re-demonstration of the local incident response.

## 2.2 Other work

### Annual Review of Safety Security and Environment

ONR attended the regional Annual Review of Safety Security and Environment for the South East region sites. This was the first regional ARoSSE review as they have previously been undertaken for each site individually. This was a constructive review of the licensee's performance and identified the key areas of learning and focus for the licensee to improve this year.

### Emergency Arrangements demonstration

ONR has completed its assessment of the licensee's revised emergency arrangements. This allows the licensee to implement the contingency planning arrangements tailored to support future decommissioning work. ONR also witnessed demonstrations of the revised arrangements in support of the approval, which were judged to be an adequate demonstration.

A copy of the project assessment report (PAR), which gives the details of how the decision was reached, is available on the ONR website.

## 3 NON-ROUTINE MATTERS

Licensees are required to have arrangements to respond to non-routine matters and events and report significant events to ONR. ONR inspectors judge the adequacy of the licensee's response, including actions taken to implement any necessary improvements.

In this period 2 minor incidents on the site were reported to ONR

- Media interest in environmental survey results
- Shift Manning levels

Neither of these reported events had any nuclear safety significance.

## 4 REGULATORY ACTIVITY

### 4.1 Licence Instruments and Enforcement Notices

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
8 April 2016	Approval	LI 514	Approval of the site's nuclear safety committee terms of reference under LC 13(3)
8 April 2016	Approval	LI 515	Approval of the site's arrangements for urgent safety proposals under LC 13(12).
27 May	Approval	LI 516	Approval of Sizewell A LC11 emergency arrangements

No Enforcement Notices have been issued during the 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

### Chief Nuclear Inspector's annual statement

ONR published its Annual Report and Accounts 2015/16 on 7 July. As well as reporting on ONR's performance, the report includes the Chief Nuclear Inspector's annual statement, which provides a judgement on the regulatory attention necessary for each licensed site, dependent on the level of hazard and risk posed by the facility. The Annual Report and Accounts can be viewed on the ONR website.

### New regulatory structure

ONR has recently reviewed its organisational arrangements to ensure that our regulatory structure is appropriately focused to deliver front-line regulation over the next few years. To maintain effective and proportionate regulation, and to address potential and actual imbalances in the current workloads of the programmes, we have created three nuclear safety programmes, each led by a Deputy Chief Inspector. These programmes are:

- A new reactors programme dealing with design assessment, licensing and construction of civil reactors.
- An operating facilities programme dealing with operating reactors, defence sites and other operating facilities.
- A Sellafield, decommissioning, fuel and waste programme dealing predominantly in decommissioning and waste.

You can view ONR's [organisational structure](#) and full [regulatory structure](#) on our website.

### Chief Nuclear Inspector Summary Plan for 2016/17

The CNI Summary Plan outlines high level regulatory milestones to deliver ONR's Strategic Plan to 2020 and ONR's approach to the delivery of safety and security regulation across the UK's nuclear reactors and facilities. It was published on 11 July on the ONR website.

### Regulation Matters magazine

Insight into ONR's work as an independent regulator of the nuclear industry can be found in Regulation Matters. This quarterly 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 on-going changes at ONR. For the latest news and updates from ONR, you can also visit the website and sign up for our e-bulletin: <http://www.onr.org.uk/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)

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