

# Office for Nuclear Regulation (ONR)

## Site Report for

### HINKLEY POINT C

Report for period 1 January 2015 – 31 March 2015

#### 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 of the Cannington Community Forum and are also available on the ONR website (<http://www.onr.org.uk/lhc/>).

The Hinkley Point C Site inspector attends meetings of the Cannington Community Forum 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**

The ONR site inspector, accompanied by ONR specialist inspectors, made inspections on the following dates during the reporting period:

- 27 and 28 January 2015
- 11, 12, 24, 25 and 26 February 2015

## **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).

ONR is implementing a programme of intervention to:

- secure ONR's regulation of the construction and installation of two UK EPR™ reactor units by NNB GenCo Ltd;
- conduct theme focused interventions and cross-theme team inspections aimed at gathering evidence to form a judgement on the ongoing development of NNB GenCo's competence and capability and the effectiveness of its management arrangements for the controlling procurement, design and manufacture; and
- inform a decision to permission the start of nuclear safety related construction

In this period routine interventions conducted at site and NNB GenCo Ltd's office locations covered the following.

### **Theme – Design and Safety Case**

- Safety classification and categorisation – 2 meetings
- Conventional fire safety – 1 meeting
- Equipment qualification – 1 meeting
- Internal hazards and external hazards – 4 meetings
- Civil engineering – 7 meetings
- Probabilistic Safety Assessment – 1 meeting
- Fault studies – 1 meeting
- Control and Instrumentation – 2 meetings
- Electrical engineering – 2 meetings
- Fuel and core – 1 meeting
- Reactor chemistry – 1 meeting
- Radiation protection – 3 meetings
- System and mechanical engineering – 2 meetings
- Structural integrity – 3 meetings

- Radioactive waste and decommissioning 2 meetings
- Spent fuel storage – 1 meeting
- Severe accidents – 1 meeting
- Radiological Consequences – 1 meeting
- Balance of plant – 1 meeting

#### **Theme - Licence Condition (LC) Compliance Arrangements**

- Siting and planning - LC 16 – 1 meeting
- Control of Nuclear Matter – LC 4 & 5 – 1 meeting
- Documents and lifetime records – LCs 6 & 25 - 2 meetings
- Plant Operations – LC 11, 23, 24, & 28 – 1 meeting
- Safety case management and production – LC14 – 4 meetings
- Integrated Management Systems, Quality and Procurement – LC 17 – 3 meetings
- Construction and Installation – LC 19 – 2 meetings
- Design Management - LC 20 – 1 meeting
- Organisational Development and Management of Change - LC 36 – 1 meeting
- Nuclear Safety Committee – 1 observation

#### **Theme – Organisational Capability**

- Governance – 1 meeting
- Nuclear Safety Culture – 1 meeting
- Project Management – 1 meeting
- Supply Chain – 2 meetings

#### **Cross-theme team inspections**

- Control of modifications to the design of Hinkley Point C EPR™ – 1 meeting

These inspections are providing ONR with valuable intelligence on the progress NNB GenCo is making to continue developing its competence and capability and also on its management of early procurement and design activities.

NNB GenCo is currently not seeking ONR's permission to start nuclear safety related construction.

### **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.

ONR undertook no regulatory activity in relation to Hinkley Point C during the period.

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

## 5 NEWS FROM ONR

### Annual Plan

ONR has published its [Annual Plan for 2015/16](#) setting out its priorities, as well as providing details of the year's planned activities and key targets.

Insight into ONR's work as an independent regulator of the nuclear industry can be found on the ONR website news centre (<http://news.onr.org.uk>) and 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 ONR. 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>).

## 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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