

Office for Nuclear Regulation (ONR)

Site Report for

HINKLEY POINT C

Report for period 1 April 2015 – 30 June 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 to members of the Cannington Community Forum and are also available on the ONR website (<http://www.onr.org.uk/lc/>).

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1 INTRODUCTION

In April 2015 NNB GenCo informed ONR that due to the continued uncertainty surrounding the Final Investment Decision date the EdFSA board had requested that the project review its spend profile. NNB GenCo responded by introducing a cap on future spending on the Hinkley Point C project until such time as it is ready to fully remobilise the project. Although the capped rate of spend represents a significant reduction, it remains a considerable sum reflecting NNB's continued commitment and confidence in the project.

Until it is ready to fully remobilise the project, NNB GenCo is retaining a core capability to maintain oversight of the continuing programme of activities associated with development of the detailed design, production of the Hinkley Point C site specific nuclear safety case documentation and construction planning. ONR is monitoring the impact of the budget constraint upon NNB GenCo Ltd's competency and capability. Furthermore, ONR inspectors continue to engage with the programme of design and safety case activities so that ONR is ready to respond when NNB GenCo decides to fully remobilise the project.

However, the reduction in spend means that work on preparing the site for start of construction has stopped. On 1 July 2015 the site entered a state of Care and Maintenance and, until NNB GenCo is ready to resume preparations for deep excavation ahead of start of construction, activity at the site is limited to the management of material stockpiles and water management zones, remediation of asbestos contaminated land and archaeological surveys.

Therefore, ONR has taken the decision to suspend the production of future ONR quarterly reports until after NNB GenCo has made its Financial Investment Decision and is ready to remobilise the project. ONR also intends to suspend attendance at the Cannington Forum until the site exits the current period of Care and Maintenance and resumes its preparations for the start of construction.

2 INSPECTIONS

The ONR did not conduct any inspections of the site during this period.

3 ROUTINE MATTERS

3.1 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 on-going 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 – 4 meetings
- Equipment qualification – 1 meeting
- Control and Instrumentation – 1 meeting
- Internal hazards and external hazards – 3 meetings
- Civil engineering – 3 meetings
- Probabilistic Safety Assessment – 2 meetings
- Fault studies – 1 meeting
- Electrical engineering – 1 meeting 1 teleconference
- Fuel and core – 1 meeting
- System and mechanical engineering – 2 meetings
- Structural integrity – 2 meetings
- Radiation protection – 1 meeting
- Radioactive waste and decommissioning 1 meeting
- Spent fuel storage – 1 meeting
- Severe accidents – 1 meeting
- Radiological Consequences – 1 meeting
- Balance of plant and Conventional Island – 2 meetings

Theme - Licence Condition (LC) Compliance Arrangements

- Documents and lifetime records – LCs 6 & 25 - 1 meetings
- Training and Skills – LC12 – 1 meeting
- Plant Operations – LC 11, 23, 24, & 28 – 1 meeting
- Integrated Management Systems, Quality and Procurement – LC 17 – 2 meetings
- Organisational Development and Management of Change - LC 36 – 2 meeting
- Nuclear matter – LC4 & 5 – 2 meetings

Theme – Organisational Capability

- Governance & Internal Regulator– 2 meetings
- Knowledge Management - 1 meeting
- Intelligent Customer – 1 meeting
- Supply Chain – 1 meeting

Cross-theme team inspections

- Design Management - Control of modifications to the design of Hinkley Point C EPR™ – LC20 - 2 meetings

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 procurement and design activities.

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

4 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.

5 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>

6 NEWS FROM ONR

Annual Report and Accounts

ONR published its Annual Report and Accounts for 2014/15 on 29 June. The report details key developments during our first year as a public corporation including:

- progress against ONR's Annual Plan 2014/15, including the Chief Nuclear Inspector's annual statement on the safety and security performance of the nuclear industry
- details of management arrangements and how our resources have been utilised
- a summary of our governance arrangements
- the financial statements for 2014/15
- remuneration of non-executive and executive members of the ONR Board
- the Certificate of the Comptroller and Auditor General to the Houses of Parliament, containing an unqualified audit opinion.

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>).

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