

# Office for Nuclear Regulation (ONR) Site Report for HINKLEY POINT C

Report for period 1 July 2017 – 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 published on the ONR website (<http://www.onr.org.uk/hlc/>).

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## **1 INSPECTIONS**

The ONR nominated site inspector and/or other ONR specialist inspectors made inspections on the following dates during the quarter at the HPC construction site:

- 12 July 2017
- 18 July 2017
- 26 – 27 July 2017
- 01 - 03 August 2017
- 10 August 2017
- 14 September 2017
- 21 – 22 September 2017

## **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 has implemented a programme of intervention to:

- secure ONR's regulation of the construction and installation of two UK EPR™ reactor units by NNB GenCo (HPC);
- ensure that NNB GenCo (HPC) is complying with its legal responsibilities;
- 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 (HPC)'s competence and capability and the effectiveness of its management arrangements for the controlling procurement, design and manufacture;
- to inform ONR's judgement on the adequacy of NNB GenCo (HPC)'s site construction related compliance arrangements to support ONR's permissioning decisions in relation to start of pumping station construction and first nuclear island concrete.

In this period, routine site inspections covered the following Licence Conditions (LCs) were performed:

- LC05 Consignment of nuclear matter
- LC06 Documents, records, authorities and certificates
- LC10 Training
- LC12 Duly authorised and other suitably qualified and experienced persons
- LC13 Nuclear safety committee – (non-site based inspection)
- LC17 Management systems
- LC32 Accumulation of radioactive waster
- LC34 Leakage and escape of radioactive material and radioactive waste
- LC36 Organisational capability

For all LCs inspected with the exception of LC05, ONR judged that NNB GenCo (HPC) had adequately implemented its licence compliance arrangements with only minor areas for improvement being identified.

With respect to LC05 (consignment of nuclear matter), ONR judged that NNB GenCo (HPC) needed to make a number of improvements primarily related to the collation/visibility of required records. However, ONR judged that there was no nuclear safety impact from these areas for improvement.

In addition, ONR continued its engagement with the project via site visits and meetings at NNB GenCo (HPC)'s office locations across the following themes:

- Design and Safety Case
- Organisational Capability
- Conventional Health and safety and fire safety
- Security

These inspections are providing ONR with valuable intelligence on the progress NNB GenCo (HPC) is making to continue developing its competence and capability to manage the design, procurement and construction of Hinkley Point C.

### **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.

On the 16 August 2017, an NNB GenCo (HPC) sub-contractor fell from the Wave Walker jack-up platform which was in the process of constructing NNB GenCo (HPC)'s offshore aggregate jetty. The injured party suffered lacerations, bruising and a broken nose but was swiftly rescued from the water. The incident was located outside the wider construction site (offshore) and hence the relevant enforcing authority is the Health and Safety Executive (HSE). The HSE has reviewed the incident and considered the employing contractors response and concluded that it does not warrant further enforcement action.

### **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', but can take other forms. In addition, inspectors may issue Enforcement Notices to secure improvements to safety.

ONR issued no Licence Instruments or Enforcement Notices during the period of this report.

**REPORTS DETAILING REGULATORY DECISIONS TAKEN AT HINKLEY POINT C CAN BE FOUND ON THE ONR WEBSITE AT [HTTP://WWW.ONR.ORG.UK/PARS](http://www.onr.org.uk/pars)**

## 5 NEWS FROM ONR

- ONR has appointed Mark Foy as Chief Nuclear Inspector, effective immediately. Mark is ONR's longest-serving senior regulator and was previously Deputy Chief Nuclear Inspector and Director of the Operating Facilities Division.
- Dr Richard Savage announced he would be stepping down after two years in the role for family reasons.
- 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.

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>).. 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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