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| ONR Site Report  NNB Generation Company (HPC) Ltd – Hinkley Point C |



ONR Site Report

NNB Generation Company (HPC) Ltd - Hinkley Point C

**Report for period**: 1st July – 31st December 2024

**Authored by**: HPC Deputy Nominated Site Inspector

**Approved by**: Head of HPC Regulation

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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 for the Hinkley Point C Community Forum and are also available on the ONR website (<https://www.onr.org.uk/publications/regulatory-reports/site-specific-reports/llcssg-reports/>).

Site inspectors from ONR usually attend Hinkley Point C Community Forum meetings where these reports are presented 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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# Inspections

## Date(s) of inspection

The ONR site inspector made inspections on the following dates during the report period 1st July – 31st December 2024:

* 3 July
* 9-11 July
* 17 July
* 14 August
* 3-4 September
* 11-12 September
* 25-26 September
* 8-10 October
* 22 October
* 29-30 October
* 5-6 November
* 11-14 November
* 20-21 November
* 9 December

# Routine matters

## 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 etc Act 1974 (HSWA74); and
* regulations made under HSWA74, for example the Ionising Radiations Regulations 2017 (IRR17) 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 inspections of Hinkley Point C (HPC) covered the following:

* plant construction and commissioning;
* quality assurance and records;
* radiography;
* organisational changes;
* emergency preparedness;
* conventional (non-nuclear) health and safety, including life fire safety; and
* security.

Members of the public, who would like further information on ONR’s inspection activities during the reporting period, can view site Inspection Records on our website: [www.onr.org.uk](http://www.onr.org.uk).

Should you have any queries regarding our inspection activities, please email [contact@onr.gov.uk](mailto:contact@onr.gov.uk).

## Other work

ONR continues its engagement with the duty holder via regular site visits and meetings at NNB Generation Company (HPC) Limited’s (NNB GenCo) offices and supplier locations across the following themes:

* design and safety case;
* organisational capability (including supply chain and quality);
* commissioning and pre-operations;
* conventional health and safety and life fire safety; and
* security.

These site visits and meetings provide ONR with valuable intelligence on the progress NNB GenCo is making in developing its competence and capability to manage the design, procurement, and construction of HPC.

The nominated site inspector held periodic meetings with safety representatives to support their function of representing employees and receiving information on matters affecting their health, safety and welfare at work.

# 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.

Matters and events of particular note during the period were:

* The investigations into the fatality that occurred on site in November 2022, and the separate event at site that resulted in a worker sustaining injuries as a result of a rebar mesh wall falling, continue.

# 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 take a range of enforcement actions, to include issuing an Enforcement Notice.

* An LI was issued in relation to the installation of the unit 1 reactor pressure vessel (RPV). Based on detailed assessments, ONR was satisfied that sufficient evidence had been provided in relation to:

o the structural integrity of the RPV to allow the safe operation of the power station for its design lifetime;

o the readiness of the HPC site and relevant personnel to safely undertake the process of installing the RPV; and

o the robustness of the licensee’s processes for determining its own readiness.

* Enforcement letters were issued to contractors in the Mechanical, Electrical, Heating Ventilation Air Conditioning (MEH) Joint Venture to ensure that identified shortfalls in relation to fire safety arrangements are remedied.
* The following LIs, Enforcement Notices and Enforcement letters have been issued during the period:

**Table 1: Licence Instruments and enforcement notices issued by ONR during this period**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Type | Reference | Description |
| November 2024 | Licence Instrument | PR-01428  (LI 529) | Consent to the installation of the unit 1 reactor pressure vessel |
| November 2024 | Enforcement Letters | IR-53081 | Shortfalls in compliance with the Regulatory Reform (Fire Safety) Order 2005 |
|  |  |  |  |

Reports detailing the above regulatory decisions can be found on the ONR website at <https://www.onr.org.uk/publications/regulatory-reports/site-specific-reports/project-assessment-reports/>.

# News from ONR

For the latest news and information from ONR, please read and subscribe to our regular email newsletter ‘ONR News’ at <https://www.onr.org.uk/news/newsletter/>.

# Contacts

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# References

**There are no sources in the current document.**