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| ONR site report  EDF Nuclear Generation Ltd – Hinkley Point B |



ONR site report

EDF Nuclear Generation Ltd - Hinkley Point B

**Report for period**: 1 January – 30 June 2025

**Authored by**: Nominated Site Inspector Hinkley Point B

**Approved by**: Super Intending Inspector

**Issue:** #

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Foreword

This report is issued as part of our 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 Site Stakeholder Group and are also available on our website: [www.onr.org.uk/publications/regulatory-reports/site-specific-reports/llcssg-reports](http://www.onr.org.uk/publications/regulatory-reports/site-specific-reports/llcssg-reports).

Our site inspectors usually attend Site Stakeholder Group 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 us via email at [contact@onr.gov.uk](mailto:contact@onr.gov.uk).

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# Inspections

## Date(s) of inspection

Our site inspector made inspections on the following dates during the report period 1 January – 30 June 2025

* 18 February - Site Security Inspection
* 27 February – LC35, Site decommissioning plans
* 21 May – Site Security Demonstration
* 24 June – Life Fire Safety

# 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);
* Regulations made under HSWA74, for example, the Ionising Radiations Regulations 2017 (IRR17) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99); and
* The Nuclear Industries Security Regulations 2003 (as amended).

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 B covered the following:

* decommissioning
* conventional (non-nuclear) health and safety
* security

**Site Specific Decommissioning Plans – Inspection rating: Green**

On 27 February 2025, ONR inspectors carried out a joint inspection of the Hinkley Point B decommissioning plan with the Environment Agency (EA – who have written a separate report). The purpose of the inspection was to review the adequacy of Hinkley Point B’s planning for decommissioning specifically the site specific decommissioning plan. It focussed on the station’s strategy for decommissioning and planning for de-planting activities to allow entry to care and maintenance.

To inform decommissioning planning Hinkley Point B is awaiting learning from experience to be harnessed from the decommissioning planning activities at Hunterston B. EDF is also implementing risk-based de-planting at its sites and Hinkley Point B is due to begin assessing its buildings to determine the order and extent of decommissioning based on risk.

The inspection reviewed records the station is developing to feed into the site specific decommissioning plans along with the key stages of the plan and the proposed end states.

Overall ONR judged that the station had suitable arrangements in place for the decommissioning of the site and implementation of the decommissioning programmes. This meets the requirements of Licence Condition 35 – Decommissioning.

Implementation of the decommissioning plan will be monitored through future ONR inspections.

**Life Fire Safety – Inspection Rating Green**

On 24 June 2025, our site inspector and our specialist inspectors carried out a compliance inspection under the Fire (Scotland) Act 2005 & the Fire Safety (Scotland) Regulations 2006.

The inspection consisted of a review of the implementation of the licensee’s life fire safety arrangements including: a review of fire safety management and related documentation, a review of a sample of fire risk assessments and a plant walkdown.

The inspection judged that the station had met the legal requirements and implemented appropriate measures to ensure that conventional fire risks have been reduced as so far as is reasonably practicable.

**Security inspections – Inspection ratings Green**

On 18 February 2025, our site security inspector carried out an inspection of the arrangements supporting a proposed relocation of the site security control room (SSCR). Following discussions with relevant staff involved in the project, supported by a review of relevant documents, the inspection judged that the site has implemented efficient arrangements in preparation for its proposed relocation of the SSCR that have considered appropriate operational and security aspects to support the site being able to meet required security outcomes.

On 21 May 2025, our site security inspector, along with other security inspectors, observed the site’s annual security demonstration exercise. Following completion of the exercise this was judged to be an adequate demonstration of the site’s emergency arrangements that provided assurance that the site could meet the required security outcome and manage associated safety aspects of the emergency response.

Both inspections were rated Green with no security concerns identified.

Members of the public who would like further information on our inspection activities during the reporting period can view site inspection records on our website: [www.onr.org.uk/publications/regulatory-reports/site-specific-reports/inspection-records](http://www.onr.org.uk/publications/regulatory-reports/site-specific-reports/inspection-records).

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

## Other work

On the 28-30 January the ONR site safety inspector attended an Independent Nuclear Assurance (EDF internal regulatory) surveillance activity looking at the application of Construction (Design and Management) Regulations 2015.

The ONR site safety inspector attended the site stakeholder group meeting on 3 March.

During this period ONR has concluded its consultation period for Hinkley Point B’s EIADR submission. ONR is begun its considerations of consultation comments received and any implications they have with respect to granting any conscent to begin decommissioning.

# Non-routine matters

Licensees are required to have arrangements to respond to non-routine matters and events. Our 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:

There were three safety related events during the period that met regulatory reporting criteria. Of these one resulted in the site declaring an operational alert in order to secure appropriate wider EDF support to resolved an unexpected issue during defuelling activities. ONR judged that the dutyholder response demonstrated appropriate, conservative and methodical decision making. The steps they took allowed safe resolution of the issue observed. No further regulatory action is required.

# Regulatory activity

We may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site licence conditions, we issue 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 take a range of enforcement actions, to include issuing an enforcement notice.

* No licence instruments, enforcement notices or enforcement letters were issued during this period.

Reports detailing the above regulatory decisions can be found on our website: [www.onr.org.uk/publications/regulatory-reports/site-specific-reports/project-assessment-reports](http://www.onr.org.uk/publications/regulatory-reports/site-specific-reports/project-assessment-reports).

# News from ONR

For the latest updates and information on our work, please subscribe to our regular email newsletter, ONR News, at [www.onr.org.uk/news/newsletter](https://www.onr.org.uk/news/newsletter/).

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