|  |
| --- |
|  |
| ONR Site Report  EDF Energy – Hunterston B |



ONR Site Report

EDF Energy - Hunterston B

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

**Authored by**: Nominated Site Inspector

**Approved by**: Head of Regulation Decommissioning Fuel and Waste

**Issue:** 1

**Published**: August 2025

**Record reference**: 2025/24626

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 of the Hunterston Site Stakeholder Group and are also available on our [website](https://www.onr.org.uk/).

Our site inspectors usually attend Hunterston 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.

Contents

[1. Inspections 4](#_Toc180135448)

[2. Routine matters 4](#_Toc180135449)

[3. Non-routine matters 7](#_Toc180135450)

[4. Regulatory activity 8](#_Toc180135451)

[5. News from ONR 9](#_Toc180135452)

[6. Contacts 9](#_Toc180135453)

[References 9](#_Toc180135454)

# Inspections

## Date(s) of inspection

Our site inspector and specialist inspectors made inspections and site visits on the following dates during the report period 1 January 2025 to 30 June 2025:

* 21 January
* 5-6 March
* 1-3 April
* 8-9 April
* 20-22 May

Our site security inspector made inspections on the following dates:

* 23 April

# 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);
* the Nuclear Industries Security Regulations 2003 (as amended); 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 Hunterston B covered the following:

* Fuel Free Verification
* Security Arrangements

**Fuel Free Verification**

On 21 January, our inspectors visited site to review the approach taken by Hunterston B to declare reactor 4 fuel free and judge the adequacy of the quality plans and associated fuel records. From the areas sampled, the approach taken by Hunterston B to declare reactor 4 fuel free was judged to meet the legal requirement for compliance with LC25 - operational records.

On 3 April, our Safety and Safeguards inspectors visited site to sample records relating to fuel free verification of Hunterston B site and nuclear material accountancy. This was backed up by physical inspection of supporting plant areas where practical.

Inspectors were satisfied from the physical areas, documents and record keeping sampled that the work undertaken by Hunterston B to declare the site fuel free meets the legal requirement for compliance with LC25 (operational records) and the Nuclear Safeguards Regulations. From planned compliance inspection activities undertaken in support of fuel free verification for Hunterston B we concluded that it can accept the statement that the station is free of all nuclear fuel.

**Security Arrangements**

On 23 April, our Site Security Inspector visited site to inspect the adequacy of the design of the site’s security function and associated security arrangements when the site transitions from being run by EDF to Nuclear Restoration Services (NRS). From the areas sampled, the design of the security team on Hunterston B was judged to be sufficient to satisfy regulatory security requirements in line with the relevant good practice described in FSyP 9 of our Security Assessment Principles. Fundamentally, security arrangements were judged to be sufficient to enable the site to meet the required protective security outcome.

## Other work

Our site inspectors:

* attended the SSG on 6 March 2025;
* attended the Annual Review of Safety Security Safeguards and Environment on 2 April 2025;
* witnessed a proof of concept exercise in support of revised emergency arrangements on 9 April 2025, and witnessed further demonstrations on 11 and 25 June 2025; and
* met with a member of the Health and Safety Committee on 22 May 2025**.**

# 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.

There were no such matters or events of significance during the period.

# 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’ (LIs) but can take other forms. In addition, inspectors may take a range of enforcement actions, to include issuing an enforcement notice.

* 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 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Reports detailing the above regulatory decisions can be found on our [website](https://www.onr.org.uk/publications/publication-search/?type=projectAssessmentReportPublication).

On 9 April 2025 we accepted Hunterston B’s statement that the station is free of all nuclear fuel. This marks the conclusion of defuelling and entry into the decommissioning phase of the station’s lifecycle. At this point, the internal regulatory responsibility was passed from our Operating Reactors sub-directorate to the Decommissioning, Fuel and Waste sub-directorate.

# News from ONR

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

# Contacts

Office for Nuclear Regulation

Redgrave Court

Merton Road

Bootle

Merseyside

L20 7HS

website: [www.onr.org.uk](http://www.onr.org.uk)

email: [Contact@onr.gov.uk](mailto:Contact@onr.gov.uk)

This document is issued by ONR. For further information about us, or to report inconsistencies or inaccuracies in this publication please email us via [contact@onr.gov.uk](mailto:contact@onr.gov.uk).

If you wish to reuse this information visit https://www.onr.org.uk/access-to-information/copyright/ for details.

For published documents, the electronic copy on our website remains the most current publicly available version and copying or printing renders this document uncontrolled.

# References

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