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| ONR Site Report  EDF – Heysham Power Stations |



ONR Site Report

EDF - Heysham Power Stations

**Report for period**: 1 July – 30 September 2024

**Authored by**:

**Approved by**:

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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 Heysham 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 Heysham 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 01 July – 30 September 2024

**Heysham 1**

4, 23 and 29 July  
22 August  
25 September

**Heysham 2**

9, 24, 29 and 31 July

6-7 and 28-29 August

10-12 and 26 September

In addition, our specialist inspectors were involved in interventions on the following dates during the report period:

**Heysham 1**

4 July  
24 and 25 September

**Heysham 2**

9 July

28-29 August

10-12 and 26 September

# 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 licence conditions (LC) 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 Heysham covered the following:

**Both stations**

* Security inspection. There was a security inspection reviewing the physical secuirty arrangements including the erogonomics in the security control room. No significant issues were identified during either inspection and ‘GREEN’ rating were awarded.

**Heysham 1**

* Portable equipment safety themed inspection. This inspection was focussed on how the station ensures that portable equipment (from small tools to large items such as air conditioning, generators etc.) are deployed safely and comply with the conventional health and safety regulations as well as ensuring nuclear safety. We were satisfied with the arrangements and their implementation. We rated LC 22 (Modification or experiment on existing plan) ‘GREEN’, the Management of Health and Safety at Work Regulations ‘GREEN’ and the Provision and Use of Work Equipment Regulations (PUWER) also as ‘GREEN’.

**Heysham 2**

* Licence Condition 7 Inspection - this inspection reviewed 'Incidents on the site' arrangements at Heysham 2 power station. It found that the station follows the fleet arrangements for the reporting of events to us. These arrangements generally meet our expectations contained in our guidance NS-INSP-GD-007 but there are minor ambiguities and anomalies that have been discussed with the fleet process owner. The reporting culture on the station is adequate and this is reflected in the Key Performance Indicators (KPIs). More significant investigations identify and action root causes. There were minor shortfalls and observations with respect to the quality and priority given to some actions. However, we were satisfied that this only impacted the efficiency of the process. The close out of the most significant actions is subject to oversight and challenge and we are satisfied that this provides good oversight. As no significant issues were found or raised, a ‘GREEN’ rating was given for this inspection against LC7
* Reactivity Control and Safety Systems system based inspection (SBI) – this SBI focused on three distinct elements; Control Rod build including quality controls, reactor control and protection systems and secondary shutdown systems. The first two elements were inspected during this quarter, the final element will be reported next quarter. As no significant issues were found or raised, a ‘GREEN’ rating was given for this inspection against LC10, LC23, LC24, LC27 and LC28. However, there were a few minor shortfalls observed against regulatory expectations in relation to training records and procedural use and adherence that the station is addressing.

Members of the public, who would like further information about our inspection activities during the reporting period, can view site Intervention Reports at [www.onr.org.uk/intervention-records](http://www.onr.org.uk./intervention-records). Should you have any queries regarding our inspection activities, please email [contact@onr.gov.uk](mailto:contact@onr.gov.uk).

In this period, other routine matters at Heysham stations covered the following:

* regulatory issue progress (both sites)
* routine event follow-ups including any conventional health and safety events (both sites)
* meeting with safety reps (both sites)
* daily plant status, refuelling preparations and progress (both sites)
* oversight of graphite inspection data (both sites)
* plant walkdowns (both sites)
* planning for annual level 1 emergency demonstration exercise (both sites)

## Other work

* We 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.

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

# 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.

* 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 |
| 05/09/24 | Licence Instrument | LI 643 | Agreement under Condition 30(2) of Schedule 2 attached to Nuclear Site Licence No: 60 to the extension of the operating period of Heysham 2 reactor 7 from 9 September 2024 to 9 February 2025. |
|  |  |  |  |
|  |  |  |  |
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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

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)

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# References

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