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| ONR Site Report  EDF - Torness Power Station |



ONR Site Report

EDF - Torness Power Station

**Report for period**: 1 October – 31 December 2024

**Authored by**: Lead Site Inspector

**Approved by**: Superintending Inspector

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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 Torness site stakeholder group and are also available on our [website](https://www.onr.org.uk/publications/publication-search/?type=lLCSSGReportPublication) (<https://www.onr.org.uk/publications/regulatory-reports/site-specific-reports/llcssg-reports/>).

Our site inspectors usually attend Torness site 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.

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# Inspections

## Date(s) of inspection

Our site inspector made inspections on the following dates during the report period 1 October 2024 – 31 December 2024:

08 – 10 October

19 – 21 November

# 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 Torness power station covered the following:

* Training
* Duly authorised and other suitably qualified and experienced persons
* Operating rules
* Operating instructions
* Safety mechanisms,devices and circuits
* Examination, inspection, maintenance and testing

Overall the findings from the compliance inspections were positive with no significant shortfalls. A number of observations were made during the inspections where advice was provided to site. Where required, our regulatory issues were raised to track the implementation of potential improvements identified during the compliance inspections.

There were no findings from the inspections that could significantly undermine nuclear safety.

Members of the public, who would like further information about our inspection activities during the reporting period, can view site Inspection Records on our [website](https://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

Non-compliances were identified during an inspection in May 2023 and a subsequent enforcement letter was issued by us to Torness in July 2023 to implement fire safety improvements in the admin, stores and workshop areas of site.

We continue to track progress of the fire safety improvements through targeted interventions and will hold senior management to account ensuring the timely implementation of the fire safety improvements in the above areas.

We attended the routine Torness emergency planning consultative committee meeting in November where the site provided an update to committee members on emergency planning issues in the East Lothian area. No significant matters were identified.

# 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:

**December 2024 –** Torness entered their safety case anomaly process to sentence a potential challenge to the integrity of the protection claimed against the Frequent seismic hazard for the instrument room. An interim justification for continued operation was produced and agreed setting down the initial judgements as to why continued operation remained safe.

**December 2024 –** Torness entered their safety case anomaly process for the revised forecasts for graphite brick Full Height Axial (FHA) cracking using the updated CrackSim method (known as the Revision 4.0 Process Model System) and have increased the forecasts of FHA cracked bricks for Torness. The increased forecasts of FHA cracked bricks have reduced the margins quoted in the safety case for the return to service of Reactor 1 from its 2024 periodic outage, to the core state assumed in the damage tolerance assessments.

# 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.

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

# 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

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# References

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