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| ONR Site Report  EDF Energy – Dungeness B |



ONR Site Report

EDF Energy - Dungeness B

**Report for period**: 01 October 2024 – 31 December 2024

**Authored by:** Nominated Site Inspector Dungeness B

**Approved by:** Joint Head of Regulation - Operating Reactors

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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 Dungeness site stakeholder group 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 Dungeness 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 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 October – 31 December 2024:

* 01 – 03 October
* 08 – 10 October
* 29 – 30 October
* 26 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 Dungeness B covered the following:

* management of operations including control and supervision;
* safeguards;
* conventional (non-nuclear) health and safety; and,
* security.

Annual Review of Safety

In November the Heads of Regulation for Operating Reactors along with the nominated site inspector attended site for the annual review of safety which included ONR’s security inspector and the Environment Agency. ONR recognised the stations progress with improving its safety and operational performance through 2024 and reinforced the importance of the site sustaining this trajectory.

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

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

The site inspector met regularly with the site-based Independent Nuclear Assurance (INA) team to ensure the internal regulator function remains effective and verifying information provided by the station.

In addition, the site inspector undertook a number of intelligence gathering activities and plant visits including engagement with members of the site’s senior leadership team.

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# 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:

On the 27 November the station experienced a partial loss of external electrical supplies following the unexpected trip of a transformer caused by water ingress during a period of significant rainfall. Whilst nuclear safety was not significantly affected this did lead to the loss of supplies to a number of areas. Dungeness B has commenced an investigation into the event to prevent recurrence.

**Main Cooling Water Pump Discharge Valve Accident Prosecution Dungeness B**

ONR’s prosecution into the main CW pump event at Dungeness B concluded on 14 November 2024.

This prosecution was undertaken following the accident previously reported to the SSG which occurred on the 13 June 2022 when Mr Colin Dell a scaffolder working at Dungeness B was seriously injured carrying out work in the vicinity of the main cooling water discharge valves at Dungeness B.

Our investigation revealed a number of significant failings on the part of EDF and Trillium the contractor who was responsible for overhauling the main cooling water discharge valve at the time of the incident.

Both EDF and Trillium Flow Services Ltd pleaded guilty to an offence under Section 3(1) of the Health and Safety at Work etc Act 1974 for failing to ensure the health and safety of workers, in relation to the risks arising whilst undertaking maintenance and repair work.

The companies were sentenced at Folkestone Magistrates Court on the 14 November 2024 and have been fined a combined total of £633,333*.*

Both companies cooperated fully with ONR’s investigation and have worked constructively with ONR to put in place improvements to prevent reoccurrence following ONR’s enforcement action.

This incident was a conventional health and safety matter, and there was no radiological risk to the public.

Further details are available in our press release which can be found at:

[EDF and Trillium fined £633,333 after 'lifechanging' scaffolder accident | Office for Nuclear Regulation](https://www.onr.org.uk/news/all-news/2024/11/edf-and-trillium-fined-633-333-after-lifechanging-scaffolder-accident/)

# 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 |
| 08/10/24 | Improvement Notice | ONR-IN-24-8 | XPO Transport Solutions UK Ltd, Dungeness B vending machine incident, The Provision and Use of Work Equipment Regulations 1998, Regulation 4(2) |
| 08/10/24 | Enforcement Letter | ONR-EL-24-16 | XPO Transport Solutions UK Ltd, Dungeness B vending machine incident, The Provision and use of Work Equipment Regulations 1998 (PUWER 1998). Regulations 4(2) and 8(1), The Management of Health and Safety at Work Regulations 1999 (MHSWR 1999) Regulations 3(1) |
| 15/10/24 | Enforcement Letter | ONR-EL-24-19 | EDF Energy Ltd, Dungeness B vending machine incident, The Management of Health and Safety at Work Regulations 1999 (MHSW 1999). Regulation 5(1) & 11(1) |
| 15/10/24 | Enforcement Letter | ONR-EL-24-18 | EQUANs Services Ltd. Dungeness B vending machine incident, The Management of Health and Safety at Work Regulations 1999 (MHSW 1999). Regulation 5(1) & 11(1) |

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/>.

This enforcement was undertaken in relation to the vending machine topple event which occurred on the 4 March 2024 which has previously been reported to the SSG. XPO Transport Solutions UK Ltd were moving a redundant vending down a flight of stairs at Dungeness B when control was lost resulting in injury to one of its staff. ONR continues its formal investigation into this event and hence cannot comment further at this stage.

# News from ONR

For the latest news and information from ONR, please read and subscribe to our regular email newsletter ‘ONR News’ at [ONR - Email newsletter - 'ONR News'](https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.onr.org.uk%2Fonrnews%2Findex.htm&data=05%7C02%7CJason.Crook%40onr.gov.uk%7C235aee5683aa4044651e08dd2bd8d653%7C742775df807748d681d01e82a1f52cb8%7C0%7C0%7C638714932482720062%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=Vr7lmAsAJkPjdbPMZ%2FEP55d66Rrr%2Fyyd6YXQOijp7kI%3D&reserved=0)

# Contacts

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# References

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