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| ONR Site Report  EDF Energy – Dungeness B |



ONR Site Report

EDF Energy - Dungeness B

Report for period: 1 January – 31 March 2024

Authored by: Principal Inspector

Approved by: Superintending Inspector

Issue No.: 1

Publication Date: June 2024

ONR Record Ref. No.: 2024/23093

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 (<http://www.onr.org.uk/llc/>).

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 and/or other inspectors made inspections on the following dates during the report period 1 January – 31 March 2023:

# 13 January

# 19 March

# 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)

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:

* radioactive waste management
* incidents on the site

Members of the public, who would like further information on ONR’s 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) 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).

Dungeness B is currently implementing a number of activities to improve its performance. ONR is regularly engaging with the site to ensure appropriate regulatory oversight of these improvement activities.

## Other Work

The site inspector attended the Dungeness site stakeholder group in February to give an overview of ONR’s regulatory activities and provide an opportunity for members of the public to ask questions related to ONR’s 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.

During the reporting period ONR’s new Director of Regulation - Operating Facilities undertook a familiarisation visit to Dungeness B which included reinforcing current areas of regulatory focus.

# 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.

Vending machine incident

On 4 March 2024, a contractor involved in moving a redundant vending machine from the canteen at Dungeness B suffered serious leg injuries whilst moving the vending machine downstairs at the site. ONR has commenced a formal investigation into the event and hence cannot comment further at this stage.

Main cooling water pump incident - update

Following the completion of ONR’s investigation into the previously reported main cooling water pump 22 crush event ONR has notified EDF and Trillium Flow Services Ltd that they will be prosecuted under Section 3(1) of the Health and Safety at Work etc Act 1974.

There were no consequences to the public or the environment as a result of the incident in June 2022 which resulted in a contractor sustaining injuries to their foot.

# 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:

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| Date | Type | Ref. No. | Description |
| 19/01/24 | Improvement Notice | ONR-IN-23-002 | 415V portable appliance testing – Electricity at Work Regs |
| 19/01/24 | Enforcement Letter | ONR-EL-23-36 | Fixed installation testing and portable installation management and testing at DNB  Electricity at Work Regs |
| 06/02/24 | Enforcement Letter | ONR-EL-23-044 | EDF – CDM 2015 Pre-construction information |
| 06/02/24 | Enforcement Letter | ONR-EL-23-043 | Altrad – Risk assessment/safe system of work and supervision CDM 2015 |

Electric shock incident

ONR has served an improvement notice and enforcement letter on EDF Energy Nuclear Generation Ltd (EDF Energy) following an incident at Dungeness B Power Station.

In November 2023, an employee suffered an electric shock from a portable heater while undertaking maintenance work at Dungeness B. The worker suffered injuries on 5 November 2023, which required medical treatment. There was no risk to nuclear safety, the public or the environment as a result of the incident.

We found that EDF had failed to ensure the electrical systems involved in the incident were constructed and maintained in a way that prevented danger to their workers, so far as is reasonably practicable.

The enforcement action was taken under the Electricity at Work Regulations 1989 Regulation 4(1), 4(2), 4(3) and (6)(c).

415V Cable Cutting Event

In August 2023 an Altrad working party inadvertently cut through a 415V unenergised (but not isolated) cable during roof replacement works. There were no injuries, and this work was non-nuclear safety related.

We found that Altrad, the contractor carrying out the roof replacement works, had failed to ensure that adequate instructions, information, monitoring and supervision were provided to the working party. In addition, ONR found that EDF had failed to provide adequate pre-construction information to Altrad. This resulted in ONR issuing two enforcement letters: one to Altrad and one to EDF.

The enforcement action was taken under the Construction (Design and Management) Regulations 2015 (CDM 2015).

Reports detailing the above regulatory decisions (where applicable) can be found on the ONR website at <http://www.onr.org.uk/pars/>.

# 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%7C203a875b8a214272bee908dc69d36c95%7C742775df807748d681d01e82a1f52cb8%7C0%7C0%7C638501603974958661%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=Q8we%2FlyDf6nd%2BgHOFrdqiUGZDJOBaoR9Nd9hHyyx6So%3D&reserved=0)

# 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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