



Office for
Nuclear Regulation

ONR site report

EDF Energy – Sizewell B

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Report for period: 1 July – 30 September 2025

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Approved by: Head of Operating Reactors

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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 Sizewell SSG and are also available on our website: www.onr.org.uk/publications/regulatory-reports/site-specific-reports/lcssg-reports.

Our site inspectors usually attend Sizewell SSG 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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1. Inspections

1.1. Date(s) of inspection

The ONR site inspector made inspections on the following dates during the report period 1 July – 30 September 2025:

15 – 17 July

19 – 21 August

30 September

ONR Head of Regulation and specialist inspectors also made inspections on the following dates during the report period 1 July – 30 September 2025:

15 – 17 July

ONR Chair, CEO and Chief Nuclear Inspector, HR and Finance Director visit:

20 August

2. Routine matters

2.1. 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 and assessments of Sizewell B covered the following:

- Annual Level 1 emergency exercise

Level 1 emergency exercise

ONR observed emergency exercise 'EAGLE 25' at the EDF Energy Nuclear Generation Ltd Sizewell B power station. The exercise was the licensee's level 1 exercise to demonstrate the adequacy of their arrangements for dealing with any accident or emergency arising on the site and their effects in compliance with Licence Condition 11 – Emergency Arrangements.

The exercise scenario simulated the licensee's emergency response to an off-site nuclear emergency, which delivered the following key outcomes:

- Established three on-site command centres at the Main Control Room, Emergency Control Centre and Access Control Point together with support from the corporate Central Emergency Support Centre located off-site
- Considered plant nuclear safety issues and implemented actions to stabilise the plant condition
- Responded to a major fire incident with support from the emergency services
- Completed a full site muster, accounting for all site personnel

- Located, assessed, rescued and treated casualties
- Effectively liaised with external agencies and emergency services to support site response

Overall, we judged that the exercise scenario was sufficiently challenging and that the licensee adequately demonstrated the implementation of the licensee's arrangements for dealing with any accident or emergency arising on the site and their effects.

Members of the public who would like further information on our inspection activities during the reporting period can view site inspection records on our website: www.onr.org.uk/publications/regulatory-reports/site-specific-reports/inspection-records.

Should you have any queries regarding our inspection activities, please email contact@onr.gov.uk.

2.2. Other work

The ONR Chair, CEO and Chief Nuclear Inspector and HR and Finance Directors visited Sizewell B along with the Sizewell A and Sizewell C sites.

This visit was planned for intelligence gathering and providing site familiarisation.

3. 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.

4. 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 but can take other forms. In addition, inspectors may take a range of enforcement actions, to include issuing an Enforcement Notice.

No licence instruments, enforcement notices or enforcement letters were issued during this period.

Reports detailing regulatory decisions can be found on our website:
www.onr.org.uk/publications/regulatory-reports/site-specific-reports/project-assessment-reports.

5. News from ONR

For the latest updates and information on our work, please subscribe to our regular email newsletter, ONR News, at www.onr.org.uk/news/newsletter.

6. Contacts

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References

There are no sources in the current document.