



Office for
Nuclear Regulation

ONR site report

EDF Energy – Sizewell B

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Report for period: 1 April – 30 June 2026

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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/lcsg-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 April – 30 June 2026:

12 – 14 May

3 – 4, 23 – 25 June

ONR specialist inspectors also made inspections on the following dates during the report period 1 April – 30 June 2026:

1 – 5, 9 – 12, 24 – 25 June

ONR Joint Head of Regulation also made inspections on the following date during the report period 1 April – 30 June 2026:

25 June

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 outage inspections and assessments of Sizewell B covered the following:

- Sizewell B specific training of outage contractors;
- Control and supervision of operations;
- Examination, inspection, maintenance and testing;
- Ionising Radiations Regulations 2017; and
- Structural integrity.

Licence condition 10 'Training' compliance inspection

This was a planned inspection to judge the licensee's compliance against LC 10 (Training) in order to gain confidence that the licensee is adequately training transient contract staff in preparation for work on the Sizewell B nuclear licensed site.

A total of three separate training sessions were inspected which sampled:

- the training material;
- the delivery of key safety messages and EDF standards and expectations;
- site specific hazards and alarms;
- simulated plant layout, barriers, signage and dropped object mitigations; and
- procedural use and adherence expectations.

ONR's expectations in ONR's Technical Inspection Guide (TIG) on LC 10 (NS-INSP-GD-010) was used as the basis to form our compliance judgement.

From the evidence sampled, we judged that the licensee adequately demonstrated compliance with LC10 - training and a Green (no formal action) rating was assigned with no regulatory issues raised.

Licence condition 26 'Control and supervision of operations' compliance inspection

This was a planned inspection to judge the licensee's compliance against LC 26 (Control and supervision of operations) in order to gain confidence that the licensee is maintaining responsibility for, and control over, the outage related activities on its site which impact nuclear safety.

LC 26 requires the licensee to ensure that no operations are carried out which may affect safety except under the control and supervision of suitably qualified and experienced persons appointed for that purpose by the licensee.

This inspection involved sampling and observation of activities on the site including:

- Reactor coolant pump 'A' replacement;
- Turbine driven auxiliary feedwater pump 'A' maintenance;
- Turbine generator rotor replacement.

ONR's expectations in ONR's Technical Inspection Guide (TIG) on LC 26 (NS-INSP-GD-026) was used as the basis to form our compliance judgement.

Overall, based upon the sample during the inspection, we were satisfied that the licensee is compliant with LC26 with regard to outage related setting to work and control and supervision of operations. We rated LC26 as Green (no formal action) with no regulatory issues raised.

Licence condition 28 'Examination, inspection, maintenance and testing (EIMT)' compliance inspection

This was a planned inspection to verify that the licensee is effectively managing the maintenance activities related to planned outage work.

The inspection considered the adequacy of the licensee's arrangements made in relation to the following structures, systems and components:

- Work order card maintenance completion for plant items associated with:
 - Reactor coolant pump 'A' replacement
 - Turbine driven auxiliary feedwater pump 'A' maintenance
 - Replacement of generator transformer 2 oil pump;
 - Turbine generator 2 valve and actuator overhaul;
 - Emergency boronation system valve actuator removal/replacement;
 - Examination of the safety injection accumulator; and

- Minor excitor overhaul.

ONR's expectations in ONR's Technical Inspection Guide (TIG) on LC 28 (NS-INSP-GD-028) were used as the basis to form our compliance judgement.

From the evidence sampled, we judged that the licensee has adequately demonstrated its compliance with Licence Condition 28.

Overall, we rated LC28 as Green (no formal action) with no regulatory issues raised.

Structural integrity inspection

This planned structural integrity inspection examined compliance with LC 28 'Examination, inspection, maintenance and testing (EIMT)' and Pressure Systems Safety Regulations 2000 (PSSR).

We sampled examinations and inspections undertaken by the PSSR Competent Person. We judged that the PSSR examinations were being managed effectively by the licensee and the Competent Person and no significant issues were found.

We were also satisfied, from a structural integrity perspective, with the experience demonstrated, processes referenced and judgments made by the licensee in relation to LC 28. We judged that the station was compliant with their arrangements to satisfy LC 28 compliance during the time of the inspection.

We undertook a plant walk down, escorted by licensee staff. The staff were able to provide satisfactory explanations of both the operation of the systems and the planned or already performed inspection/maintenance of the systems during the periodic shutdown.

The outage will continue into the next reporting period and further evidence to determine our assessment for return to service will be included in our final assessment report.

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

There is no other work to report.

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 [ONR - Email newsletter - 'ONR News'](#)

6. Contacts

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References

There are no sources in the current document.