



Office for Nuclear Regulation (ONR) Quarterly Site Report for Sizewell B

Report for period 01 July 2017 to 30 September 2017

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 quarterly to members of the Sizewell Site Stakeholder Group (SSG) and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR usually attend Sizewell SSG meetings and will respond to any questions raised there. Any person wishing to enquire about matters covered by this report should contact ONR.

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1 INSPECTIONS

1.1 Dates of inspection

1. The ONR nominated site inspector made inspections, supported where appropriate by specialist inspectors, on the following dates during the quarter:

4 – 6 July 2017

11 – 13 July 2017

8 – 10 August 2017

5 – 7 September 2017

2. ONR's civil nuclear security inspectors undertake quarterly inspections at Sizewell B. The quarter 3 planned inspection was undertaken on:

6 – 7 September 2017

2 ROUTINE MATTERS

2.1 Inspections

3. 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 Act 1974 etc. (HSWA74); and
 - Regulations made under HSWA74, for example the Ionising Radiations Regulations 1999 (IRR99) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).
4. 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.
5. In this period, routine inspections of Sizewell B covered the following:
 - Emergency arrangements
 - Incidents on the site
 - Training
 - Organisational Capability
6. In general, ONR judged the arrangements made and implemented by the site in response to safety requirements to be adequate in the areas inspected. However, where improvements were considered necessary, the licensee made satisfactory commitments to address the issues, and the site inspector will monitor progress during future visits. Where necessary, ONR will take formal regulatory enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

7. In addition to our compliance inspections based on the conditions attached to the nuclear site licence, ONR inspectors also inspect operating reactors against safety related systems. Each site has a safety case that demonstrates how it operates safely. For Sizewell B, the key systems important to nuclear safety will be inspected against the requirements of the safety case. We plan to inspect all the safety significant systems over a five-year period. ONR considers that this will provide additional assurance that operations on the site are safe.
8. During this quarter, there were no system based inspections undertaken.

3 NON-ROUTINE MATTERS

9. 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.
10. In September, the nominated site inspector undertook follow up enquiries into a number of lifting incidents that occurred during Refuelling Outage 14. During this inspection, ONR secured sufficient assurance that appropriate lessons had been learned by the station and relevant contractor organisations. The follow up enquiries identified shortfalls in the standard with which Doosan Babcock Ltd supervised its own staff during a lifting activity undertaken inside reactor containment that resulted in personnel narrowly avoiding serious personal injury. As a result, ONR has issued an enforcement letter to Doosan Babcock, citing a breach against the Health & Safety at work etc. Act (1974) and seeking remedial action to be taken.

4 REGULATORY ACTIVITY

11. 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 issue Enforcement Notices to secure improvements to safety. There were no Licence Instruments issued to Sizewell B during this reporting period and no Enforcement Notices were issued during the period.

5 NEWS FROM ONR

12. The Office for Nuclear Regulation has appointed Mark Foy as its new Chief Nuclear Inspector, replacing Dr Richard Savage who will be stepping down after two years in the role for family reasons.
13. Mark's 30-year career has been spent working across the civil and defence nuclear industry, half of it as a nuclear regulator. For the last four years he has been a Deputy Chief Nuclear Inspector working on some of ONR's most significant programmes including Sellafield, decommissioning, defence and civil reactors.

ONR will soon launch its new newsletter containing the latest news and developments from across the organisation. If you would like to receive this, please subscribe on the ONR website.

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