



Office for Nuclear Regulation (ONR) Quarterly Site Report for Bradwell

Report for period 1st April 2018 – 30st June 2018

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 for the Bradwell Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR may attend Bradwell Site Stakeholder Group meetings 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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1 INSPECTIONS

1.1 Dates of inspection

The ONR site inspector visited site on the following dates during the quarter:

- 24th to 26th April 2018
- 11th to 14th June 2018

1.2 ONR held meetings with Bradwell on the following dates during the quarter:

The ONR held meetings with Bradwell site to discuss the assessment of the Bradwell Care and Maintenance (C&M) submission on the following dates.

- 16th April 2018
- 17th May 2018
- 18th June 2018

The C&M safety submission has been assessed by ONR who raised 56 issues. The bulk of these have received satisfactory responses from Magnox and work continues to close out the assessment. There are no issues identified at this point that would prevent the granting of a Consent to Enter C&M..

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 Act 1974 (HSWA74);
- regulations made under HSWA74, for example the Ionising Radiations Regulations 1999 (IRR99) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99);
- The Nuclear Industry Security Regulations (NISR) 2003.

The inspections entail monitoring 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 conditions attached to the licence in order to ensure legal compliance. Inspections seek to judge both the adequacy of these arrangements and their implementation.

A lot of work is being undertaken on the site to complete the physical preparations for Care & Maintenance (C&M). A programme of site exchange visits with staff from Sizewell A is in progress to provide the necessary knowledge and information regarding the site and its operation. The suite of operating and maintenance procedures is in preparation and ONR is monitoring both the progress and quality of this work.

ONR will continue to monitor the progress of the work to prepare the site for C&M, Magnox Ltd currently expect to be in a position to apply for ONR's Consent to enter C&M in October 2018.

2.2 NON-ROUTINE MATTERS

Licensees are required to have arrangements to respond to non-routine matters and events and report significant events to ONR. ONR inspectors judge the adequacy of the licensee's response, including actions taken to implement any necessary improvements.

An incident was notified to ONR in respect of a flashover (unplanned electrical discharge) in a redundant and isolated 11kv switchboard from the remaining active part of the supply. As the affected equipment was de-energised and isolated, damage was minor and limited to soot blackening of the affected parts of the equipment.

The incident was followed-up by the site inspector. ONR is satisfied that this was not a serious matter. There are no processes or activities on site that require a constant source of electrical power and no one was injured in the event. Work to provide a modern replacement 415v power supply for C&M operations has been brought forward to replace the current supply which is no longer required for C&M.

3 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 issue Enforcement Notices to secure improvements to safety.

No formal licence instruments have been issued by ONR during this period.

ONR is continuing its assessment of the Bradwell Care and Maintenance Safety Submission and has completed its initial assessment phase. The assessment is now moving into checks on the commissioning programme for the new arrangements and readiness inspections. There is still much work to complete to put the necessary procedures and arrangements in place for Care and Maintenance and Magnox Ltd continue to engage constructively with ONR to provide responses to the observations and issues raised.

Reports detailing ONR's regulatory decisions can be found on the ONR website at <http://www.onr.org.uk/pars/>.

4 NEWS FROM ONR

Stakeholder Engagement

- On 9 May we held our ONR annual Industry Conference, with the theme - 'Public Safety – everyone's responsibility.' Delegates from more than 45 different organisations attended, and we were delighted that Richard Harrington, Parliamentary under Secretary of State, Minister for Business and Industry, was able to join us to deliver a keynote speech. The conference provided us with an opportunity to engage directly with senior representatives from across industry and government on a number of topical and strategic issues affecting the sector.
- As part of our continued stakeholder engagement work, we welcomed finance professionals from a number of nuclear site licensees and dutyholders to seminars in London and Birmingham in June. Led by our Finance Director, Sarah High, we hosted the seminars to provide the industry with a better understanding of our charging methodology, the principles we apply, and how the charging process works. To accompany the seminars we have also published a new booklet – [How we charge for Nuclear Regulation](#) – which is available on our [website](#).
- The next ONR/NGO engagement forum will take place on 11 October in London. This is a forum to discuss strategic, cross-cutting regulatory matters. Site specific matters are normally addressed via Site Stakeholder Groups. We are always keen to engage with a range of stakeholders and groups on nuclear safety and security issues, so if you do represent a nuclear-interest Non-Governmental Organisation, and are not

already involved through our forum or via a Site Stakeholder Group, then please get in touch with the ONR Communications team for further details, via contact@onr.gov.uk

Regulatory News

- A delegation from ONR, led by Chief Nuclear Inspector Mark Foy, supported the UK's contribution to the 6th Joint Convention review meeting in Vienna. Bringing together 78 countries from around the world, the Joint Convention on the Safety of Spent Fuel Management and the Safety of Radioactive Waste Management is the world's leading international forum for ensuring society and the environment are protected from hazards arising from spent fuel and radioactive waste. Further details can be found on the [IAEA website](#).
- In August Mark Foy, will host a webinar on the outcome of the UK report to the joint convention. Further details on how to sign up for the webinar will be advertised on our website and social media channels over the coming weeks.
- We have notified Sellafield Ltd of our intention to prosecute the company for offences under Section 2 (1) of the Health and Safety at Work etc. Act (1974). The charge relates to an incident on 5 February, 2017, at a facility which handles special nuclear materials, which resulted in personal contamination to a Sellafield Ltd employee. The decision to prosecute follows an ONR investigation into the incident
- In May we awarded the contract for delivery of the UK Nuclear Safeguards Information Management and Reporting System (SIMRS) IT system to Axis 12 Ltd. The IT system is necessary for us to establish a domestic safeguards regime after the UK's withdrawal from the Euratom Treaty. The government has now launched the consultation on Nuclear Safeguards Regulation, further details can be found on our [website](#).

Corporate News

- In May we published a self-assessment exercise to update on how well our activity currently aligns with the Regulators' Code, which came into effect in April 2014 to provide a framework for how regulators should engage with those they regulate. The full report is available on our [website](#).
- In June we published our Annual Report and Accounts highlighting the extent of our regulatory activities. During the 17/18 year over 1,000 inspections were carried out across 36 licensed sites and transport dutyholders, ensuring the required standards of safety and security were met to protect the public and workers. The full report is available on our [website](#).
- In July we published our second [gender pay report](#). The organisation-wide results show that ONR has a mean gender pay gap of 35.2%, which is wider than last year, although it is broadly similar to the rest of the UK nuclear industry and anticipated given our workforce profile, and that of the industries from which we have historically recruited. ONR is committed to addressing this issue and continues to focus on improving diversity and inclusion.
- Our Chief Executive, Adrienne Kelbie, has agreed a three-year contract extension, taking her term of employment to January 2022.

5 CONTACT

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