



# Office for Nuclear Regulation (ONR) Site Report for Wylfa

Report for period 1<sup>st</sup> June - 31<sup>st</sup> December 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 to members for the Wylfa SSG and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR usually attend Wylfa 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 ONR.

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## **1 INSPECTIONS**

### **1.1 Dates of inspection**

The ONR site inspector made inspections on the following dates during the reporting period:

- 5 - 7 June
- 24 - 26 July
- 15 - 19 October
- 4 - 5 December

## **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); 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 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 site covered the following:

- examination, maintenance, inspection and testing;
- management of operations including control and supervision;
- staff training, qualifications and experience;
- emergency preparedness;
- incidents on the site;
- radioactive waste management;
- decommissioning;
- organisational changes;
- quality assurance and records;
- conventional (non-nuclear) health and safety;
- security (adding security information to this report will be dependent on its classification)

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.

On 16<sup>th</sup> October the ONR nominated site safety and security inspectors, together with three specialist inspectors observed Magnox Limited's annual demonstration of Wylfa site's emergency arrangements. Overall the inspectors were satisfied with Magnox Limited's demonstration.

## 2.2 Other work

The site inspector held a periodic meeting with safety representatives, to support their function of representing employees and receiving information on matters affecting their health, safety and welfare at work.

On 19<sup>th</sup> October the ONR Chief Executive Officer, Adrienne Kelbie, and Chief Nuclear Inspector, Mark Foy, made a planned visit to Wylfa. This was one of a series of visits Adrienne and Mark are making this year to UK nuclear sites. During the visit Adrienne and Mark met with people on site including the site leadership team, system engineers, safety representatives and the Magnox women's network. The visit provided further insight into the challenges faced by staff in undertaking defuelling operations and proposed reductions in staffing levels.

## 3 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.

In December the nominated site safety inspector and a specialist electrical engineering inspector undertook follow-up enquires into an incident associated with electrical distribution fuse-boards on Wylfa site. The enquiries were instigated after Magnox Limited informed ONR of the incident. Magnox Limited was not required to formally notify ONR of this incident under the requirements of Licence Condition 7 (incidents on site). The nominated site safety inspector considered that this was an example of an open and honest reporting culture from Magnox Limited.

Overall, the nominated site safety inspector considered that there had been an apparent shortfall in compliance with the Electricity at Work Regulations 1989 on Wylfa site. However, the inspector judged that the actions taken by Magnox Limited immediately after the event were sufficient to return the company to compliance with the regulations. The subsequent regulatory action taken by the nominated site inspector is described in section 4 below.

## 4 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.

- In December the nominated site safety inspector issued an Enforcement Letter to Magnox Limited following identification of apparent shortfalls in compliance with Electricity at Work Regulations 1989 on Wylfa site.

**Table 1**  
**Licence Instruments and Enforcement Notices Issued by ONR during this period**

Date	Type	Ref No	Description
	None Issued		

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

## 5 NEWS FROM ONR

### **Corporate News**

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 duty-holders, 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.

The Department for Work and Pensions has started the process for recruiting a new ONR Chair (further details can be found on the [public appointments website](#)). Our current Chair, Nick Baldwin CBE, will remain in office until 31 March, 2019.

### **Regulatory News**

On 25 July we announced our decision to prosecute the Atomic Weapons Establishment for offences under Section 2 (1)<sup>\*</sup> of the Health and Safety at Work etc. Act (1974). This charge related to an electrical incident on 27 June, 2017, which resulted in injury to an AWE employee. The incident was a conventional health and safety matter and there was no radiological risk to workers or the public. At a court hearing on 18 September, AWE pleaded guilty to the charge and was subsequently fined.

In a separate case brought by ONR, EDF Energy Nuclear Generation Ltd and Doosan Babcock Ltd pleaded guilty on 10 October, 2018, to offences under the Health & Safety at Work etc. Act 1974, section 3(1) and the Work at Height Regulations 2005, Regulation 4(1) respectively. The charges relate to an incident on 12 April 2017 at the Hinkley Point B nuclear power station, which resulted in a serious injury to a Doosan Babcock Ltd employee. Following a hearing at Taunton Magistrates Court, the case was committed for sentencing at Taunton Crown Court with the hearing date provisionally set for 1 February 2019.

The cases involving AWE, EDF Energy Ltd and Doosan Babcock Ltd related to conventional, industrial-type incidents that would have been subject to regulation by the Health and Safety executive prior to ONR's creation four years ago, when we gained responsibility for such matters on licensed sites. There was no radiological risk to workers or the public. Updates on each case will be published on our [website](#).

We're on target to deliver the UK's new domestic safeguards regime at the end of March 2019. We've recruited all the safeguards specialists the UK expects to need and are on target to have a dedicated IT system, to run in parallel with Euratom from January 2019. The project's also had a 'light touch' review from the Infrastructure and Projects Authority (IPA), the government's centre of expertise for infrastructure and major projects. The IPA gave us a rating of Green/Amber, another vote of confidence in the work so far. We've been talking to industry stakeholders about our future regulation and we'll do more of this in 2019.

The UK government published its latest quarterly update on exiting Euratom in October. The update includes the progress on international agreements and trade in the civil nuclear sector.

## **Stakeholder Engagement**

As part of our continued stakeholder engagement work, in June 2018 we welcomed finance professionals from a number of nuclear site licensees and dutyholders to seminars in London and Birmingham. 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.

In August 2018 our Chief Nuclear Inspector Mark Foy and Deputy Chief Inspector Mina Golshan, hosted a webinar for stakeholders on the outcomes of the UK report to the Joint Convention. This is a new channel of communication which we have introduced, and further webinars are planned. If you would like to find out more, please contact the ONR Communications team via [contact@onr.gov.uk](mailto:contact@onr.gov.uk)

Insight into ONR's work as an independent regulator of the nuclear industry can be found in ONR's Regulation Matters. The online publication (<http://www.onr.org.uk/regulation-matters.htm>) reports on the key themes and developments in each of ONR's regulatory programmes and provides an update about the ongoing changes at ONR. <http://www.onr.org.uk/index.htm>. For the latest news and updates from ONR visit the website and sign up for our ebulletin (<http://www.onr.org.uk/ebulletin/index.htm>).

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