



Office for Nuclear Regulation (ONR) Site Report for Urenco UK Limited (UUK) Capenhurst

Report for Period July 2018 – November 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 of the Urenco UK Limited Local Liaison Committee and are available on the ONR website (<http://www.onr.org.uk/llic/>).

Site inspectors from ONR usually attend the Urenco UK Limited Local Liaison Committee 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 and other ONR Inspectors conducted inspections at Capenhurst on the following dates during this period:

| | |
|-----------|---------------------|
| July | 2,18,26, |
| August | 14 |
| September | 5,10,11,12,20,26,27 |
| October | 17,18,31 |
| November | 1,8 |

2 ROUTINE MATTERS

2.1 Inspections

Inspections are undertaken as part of the process for monitoring compliance with (but not exclusively):

- 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 1999 (IRR99), The Construction (Design and Management) Regulations 2007 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 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 normal regulatory interaction. Where necessary, ONR will take formal regulatory enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

In this period, routine inspections and interactions with the Urenco UK Limited (UUK) licensed site covered the following:

Annual Emergency Exercise "Honeysuckle"

A joint security and safety demonstration emergency exercise was undertaken during this period. The exercise was well planned with appropriate objectives and success criteria providing a very challenging and realistic scenario. The scenario tested sufficient elements of the emergency response and security contingency plans, whilst demonstrating integrated control and the ability to manage multiple agency requirements. ONR welcomed the participation of the external agencies, all of whom made an important and realistic contribution to the exercise. ONR deemed that UUK had demonstrated that its emergency arrangements

and emergency response personnel had the capacity and capability to deal effectively with an on-site emergency.

Thematic and System Based Inspections

During this period, ONR carried out a number of thematic and compliance based inspections. These inspections focussed on; the provision of nuclear safety advice, a challenge culture and independent challenge capability, organisational structure, consignment of nuclear matter, operating rules and records. Any observations/issues that arose from these inspections have been fully addressed by the licensee.

Tails Management Facility (TMF) Project- Urenco Chem Plants Ltd (UCP)

The TMF project continues to make good progress towards commissioning the new plant and equipment. ONR holds regular meetings to discuss all recommendations and issues that need to be addressed prior to ONR giving its agreement to commence active commissioning of TMF; this is forecast for early 2019. UCP has submitted its Pre-Operation Safety Report to the Control of Major Accident Hazards (COMAH) Regulations Competent Authority, which is a joint responsibility on UK licensed nuclear sites, between ONR and the Environment Agency (EA), for assessment. UCP will shortly be submitting the final review of the TMF nuclear safety case to ONR for assessment, prior to requesting permission to commence active commissioning.

Security

During this reporting period, there have been no security related interventions other than the annual demonstration. UUK continues to provide timely and effective closure of any security related regulatory issues.

Safeguards

There have been 4 routine safeguards inspections (Joint Euratom/IAEA) at the UUK enrichment facility between July and end of October. Further to these there have been 4 Limited Frequency Unannounced Access (LFUA) Inspections (1 Type 1, triggered during routine inspection, 1 Type 2 triggered outside of routine inspection and 2 Type 3 IAEA only). Any issues that have arisen have been addressed. During this period ONR Safeguards have dealt with no safeguards related events for the site.

Conventional Health and Safety

An inspection of UUK was undertaken to review its arrangements with regard to the management of legionella. Prior to this intervention UUK had undertaken their own review and identified a number of areas for improvement. ONR acknowledged that UUK had made progress in improving their management of legionella, but further progress was required in order to return to full compliance. A letter was sent to UUK highlighting the areas ONR would seek further improvement.

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.

During this period, UUK has responded to a number of matters ranging from external events and intelligence, through to incidents during normal operations. ONR was promptly informed of these occurrences and the follow up actions proposed or taken by the licensee. These follow up actions are being monitored and reviewed by ONR via routine interactions.

4 REGULATORY ACTIVITY

ONR inspectors 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 enforcement notices or Lis were issued during the period.

5 NEWS FROM ONR

Stakeholder Engagement

In August 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 for November and February 2019. If you would like to find out more, please contact the ONR Communications team at contact@onr.gov.uk

The ONR/NGO engagement forum took 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

On 25 July we announced our decision to prosecute the Atomic Weapons Establishment for offences under Section 2 (1)* 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 sentencing was adjourned until 9 November 2018.

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 an initial hearing date set for 16 November 2018, although this date is subject to change.

Both of these cases 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 www.onr.org.uk

We have recently published our [Statement of civil incidents](#) meeting the Ministerial Reportable Criteria (MRC) reported to ONR - Q2 2018 (1 April 2018 to 30 June 2018). Full details are available on our [website](#).

Corporate News

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.

We have recently published our [Statement of civil incidents](#) meeting the Ministerial Reportable Criteria (MRC) reported to ONR - Q2 2018 (1 April 2018 to 30 June 2018). Full details are available on our [website](#)

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](#)). The current Chair, Nick Baldwin CBE, will remain in office until 31 March 2019.

6 CONTACTS

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