



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

Report for Period December 2017 – 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 of the Urenco UK Limited Local Liaison Committee and are available on the ONR website (<http://www.onr.org.uk/llc/>).

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.

TABLE OF CONTENTS

1	INSPECTIONS	3
2	ROUTINE MATTERS	3
3	NON-ROUTINE MATTERS	5
4	REGULATORY ACTIVITY	5
5	NEWS FROM ONR	Error! Bookmark not defined.
6	CONTACTS.....	6

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:

December	4,5
January	18,23
February	6,7,8,27
March	14,15,27
April	24,25,26
May	16,17

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 Review of Safety, Security and Environment.

The Capenhurst Annual Review of Safety, Security, Safeguards and Environment was held at Capenhurst in April 2017.

The site's review was presented openly and clearly, demonstrating that UUK understand where improvement is required and how this is to be achieved. UUK has accomplished a

significant amount over the past 12 months, although it is recognised that there is still further work and improvements to be undertaken in several areas. UUK assessed that the overall operational and safety performance in 2017 was largely consistent with that of 2016, but improvements were needed to be delivered in a more timely manner.

The general theme for the review was leadership and management, and the capability and capacity of the organisation to deliver improvements, against the backdrop of continued safe operations, major project delivery and change initiatives.

ONR also formally recognised the considerable amount of work conducted by the UUK Internal Assurance (IA) function. The IA function has been highly proactive, providing oversight, assurance, audits and recommendations to the business/enterprise. The relationship between ONR and UUK IA has been open, transparent and professional.

Overall, the UUK review provided a fair reflection of performance and a good foundation to move forward from, however, there are still concerns over the capability and capacity of the organisation, which if reduced, may impinge on the rate of progress.

Thematic and System Based Inspections

During this period, ONR carried out a number of thematic and system based inspections. These inspections focussed on leadership and management for safety, organisational structure, training, operating rules and instructions, reporting culture, learning from events and maintenance. Any observations/issues that arose from these inspections have been fully addressed by the licensee.

Tails Management Facility (TMF) Project

The TMF project continues to make good progress towards active commissioning and overall completion. ONR holds regular meetings to discuss all recommendations and issues that require to be addressed prior to ONR giving permission for the active commissioning of TMF, which is currently forecast for early 2019.

Security

During this reporting period, a number of scheduled security related inspections have taken place, which were deemed satisfactory by ONR with only minor issues raised. UUK is now nearing completion of a significant security upgrade project, which has progressed well. UUK continues to provide timely and effective closure of security related regulatory issues.

Safeguards

There have been 4 routine safeguards inspections and the annual Physical Inventory Verification (PIV) (Joint Euratom/IAEA) at the UUK enrichment facility, during this quarter. Further to these there have been 2 Limited Frequency Unannounced Access (LFUA) Inspections (2 Type 1, triggered during routine inspection). Any issues that have arisen have been fully addressed by the Licensee.

Transport

An inspection of UUK was undertaken to review its arrangements in respect of the safe transport of radioactive material, against the requirements of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009. ONR deemed the arrangements to be adequate for purposes of compliance with the regulations, with a few observations where improvements may be made.

Conventional Health and Safety

There were no planned conventional health and safety inspections during this period.

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 Licence Instruments were issued in this period.

5 NEWS FROM ONR

For the latest news and updates from ONR, please visit the ONR website and sign up for our e-bulletin (<http://www.onr.org.uk/ebulletin/index.htm>).

In January 2018, ONR received the results of its first external stakeholder survey which was undertaken by YouGov on behalf of ONR. A broad range of stakeholders were invited to participate in an online survey, with 351 responses received. In addition to the online survey, a number of in-depth interviews were also completed with stakeholders. While overall the results demonstrate ONR is seen as a high performing organisation with good levels of stakeholder confidence, there are areas where improvements can be made and we will be working with our divisions on those in the coming months. Further details about the survey results can be found in our March 2018 newsletter which is available on [ONR's website](#).

In February 2018, ONR held its first webinar following the publication of the 'Guide to enabling regulation in practice.' Chief Nuclear Inspector, Mark Foy and Deputy Chief Inspector, Mike Finnerty, were on hand to answer questions about the guide which has been designed to illustrate working examples of enabling regulation in practice. This is a new channel of communication for ONR and we'll be holding further webinars on different topics over the coming months. If you would like to join future webinars then please get in touch with the ONR Communications team via contact@onr.gov.uk

In March 2018, ONR held the first of two meetings this year with representatives from across the NGO community. Held in Birmingham, the meeting was attended by 15 NGO representatives from 11 different organisations. Topics discussed included: Domestic Safeguards pending the withdrawal of the UK from Euratom; Emergency Planning Arrangements; and the ONR Stakeholder Survey results. The next meeting is scheduled to take place in October 2018. We are keen to increase the number of people engaging with ONR on nuclear safety and security issues and would like to invite members of SSGs, and LCCs to join our engagement programme. For more details please get in touch via contact@onr.gov.uk

6 CONTACTS

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