



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

Report for Period July – November 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 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.

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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	19,20
August	4
September	7, 27,28
October	17,24,25,26
November	2,21

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 “Quince”

The planning and implementation of the joint security and safety demonstration exercise was undertaken during this period. The exercise was well planned with appropriate objectives and success criteria providing a challenging and realistic scenario. ONR welcomed the participation of Cheshire Fire & Rescue Service, Explosives Ordnance Disposal (EOD) and Cheshire Constabulary, who made an important and realistic contribution to the exercise and planning. 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. The UUK participants provided ONR with assurance that their emergency arrangements and emergency response personnel had the capacity and capability to deal effectively with an on-site emergency.

Tails Management Facility (TMF) Project

During this period, ONR's regulatory confidence in the TMF programme and permissioning Hold Point Control Plan improved significantly, however, there remains an open issue with respect to the an incident where a wall collapsed and site is assessing the extent of the condition as it may affect other similarly constructed walls within the facility. Although not a threat to nuclear safety ONR will continue to monitor site's response and any necessary remedial measures. ONR holds regular meetings to discuss all recommendations and issues that ONR requires to be addressed prior to ONR giving permission to active commissioning of TMF, which is due in the second half of 2018.

Security

Reviews of all security related issues and events were undertaken during this period, in addition to routine inspections and the joint safety and security Exercise Quince. UUK remains in 'Normal Regulatory Attention', through a combination of effective leadership, recruitment into key areas and effective closure of regulatory issues.

Safeguards

During this period, there have been four routine safeguards inspections (Joint Euratom/IAEA) at the UUK enrichment facility. Further to these there have been two Limited Frequency Unannounced Access (LFUA) Inspections (One Type 1, triggered during routine inspection and One Type 3 (IAEA only called outside of routine Inspection), in addition to a Design Information Verification (DIV) at one of the plants. Any issues that have arisen have been fully addressed by the licensee.

In October, there was also the annual Technical meeting between ONR/IAEA/Euratom and UUK, to discuss safeguards implementation with respect to Capenhurst.

Transport

An inspection of the UUK tenant, Capenhurst Nuclear Services (CNS), was undertaken to review their 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 minor observations where improvements may be made.

Conventional Health and Safety

A follow up inspection examining UUK's 'Setting to Work' and 'Control and Supervision' arrangements was undertaken, in order to address outstanding issues from the March 2017 inspection. The intervention found UUK compliant in both areas. These findings, however, were caveated, due to improvement programmes that still require full implementation. As such, these work streams will be reviewed again during the CH&S legionella intervention early in 2018 and monitored during normal regulatory interactions by the nominated Site Inspector.

3 NON-ROUTINE MATTERS

Licencees 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 (e.g. Grenfell Tower) and intelligence, through to incidents during normal operations or maintenance. ONR was promptly informed of these occurrences and the follow up actions proposed or taken by the licensee. These follow up actions and/or investigations 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

ONR has appointed Mark Foy as its new Chief Nuclear Inspector (CNI)

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 Inspector working on some of ONR's most significant programmes including Sellafield, decommissioning, defence and civil reactors.

6 CONTACTS

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