



Office for Nuclear Regulation (ONR) Quarterly Site Report for Cyclife UK Limited Metal Recycling Facility

Report for period 1 January – 31 March 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 Cyclife UK Limited Local Liaison Panel and are available on the ONR website (<http://www.onr.org.uk/llic/>).

Site inspectors from ONR usually attend the Cyclife UK Limited Local Liaison Panel 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 inspections

The ONR Nominated Site Inspector and other ONR Inspectors conducted interventions on the following dates during the quarter:

February	16
March	22

For the months when no site interventions are made, a teleconference is held between the licensee and ONR, to review safety performance metrics and other matters of regulatory interest.

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 1999 (IRR99) 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 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 future interventions. Where necessary, ONR will take formal regulatory enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

ONR Safeguards.

ONR Safeguards have been working with and providing support and guidance to Cyclife UK Limited on whether or not they should come under Euratom safeguards. (Euratom, the European Atomic Energy Community, relates to a European Treaty which provides for the accountancy of some types of nuclear materials). Work continues between the licensee and ONR to establish viable arguments and evidence for possibly not being under Euratom inspection and verification. This work will continue, including interactions with Euratom, in the early months of 2017.

2.2 Other work

Meetings with the safety representatives.

Meetings continue to be held periodically with the licensee's safety representatives during inspections by ONR, in support of their function of representing employees by giving advice on matters affecting their health, safety and welfare at work.

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 2016, the licensee reported the results of quarterly site perimeter radiation monitoring, for the period July to September 2016. As a result of the temporary storage of some low level irradiated scrap metal (awaiting processing) close to the site boundary, the radiation levels were elevated when compared to historical readings. This irradiated scrap metal has since been relocated on the site, thereby reducing the site boundary radiation levels.

In February, in response to the above incident ONR conducted a joint inspection with the Environment Agency, to inspect the licensee's arrangements for controlling radiation levels on the site. During the inspection, ONR assessed the adequacy of the licensee's radiation protection arrangements and conducted an inspection of the Metals Recycling Facility, to inspect how the licensee implemented these arrangements. ONR considered that the arrangements within the Metals Recycling Facility process area were adequate. However, in the container park area, a number of areas for improvement to control radiation levels within the licensed site were identified and regulatory advice provided to the licensee to implement improvements. ONR will write to Site confirming its findings and seeking some corrective actions to help prevent a recurrence.

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 were issued in this period. Three Licence Instruments were issued:

Table 1

Licence Instruments Issued by ONR during this period

Date	Type	Ref No	Description
27.02.2017	Approval	510	Approval of a revised Site Emergency Plan.
27.02.2017	Approval	511	Approval of revised Terms of Reference for the Nuclear Safety Committee.
27.02.2017	Approval	512	Approval of Nuclear Safety Committee arrangements for obtaining advice on urgent safety proposals.

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

5 NEWS FROM ONR

New reactors update:

- ONR received a request from Government to begin the Generic Design Assessment process for the UK HPR1000 in January. The reactor is now in Step 1 of the GDA process.
- On 30 March, ONR issued Design Acceptance Confirmation for the AP1000[®] nuclear reactor, designed by Westinghouse. The regulators required 51 GDA issues to be resolved before confirming suitability of the design.
- ONR granted its first consent for the start of construction at Hinkley Point C licensed site. The consent covers the placement of the structural concrete for the first nuclear safety-related structure at the site.
- On 31 March, Horizon Nuclear Power submitted its application for a nuclear site licence to build and operate two UK Advanced Boiling Water Reactors at Wylfa Newydd on Anglesey.

Quarterly statement of civil incidents

ONR published its quarterly statement of civil incidents reporting on the period October-December 2016. There was one incident which met ministerial reportable criteria at Dounreay involving contamination of workers' clothing. There was no detectable intake of radioactive material by any of the people involved in the incident.

Regulation matters magazine

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>).

6 CONTACTS

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