



# Office for Nuclear Regulation (ONR) Quarterly Site Report for GE Healthcare Ltd, Maynard Centre, Cardiff

Report for period 1 July – 30 September 2014

## Foreword

This report is issued as part of ONR's commitment to make information about inspection and regulatory activities relating to the Maynard Centre available to the public. Reports are distributed quarterly to members for the Maynard Centre Local Liaison Committee and are also available on the ONR website (<http://www.onr.org.uk/llic/>).

Site inspectors from ONR usually attend the Maynard Centre 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 made inspections on the following dates during the quarter:

8 September 2014

## 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 their implementation.

### Conventional health and safety

On 8 September ONR's Conventional Health & Safety Inspector for the site carried out a site inspection. The inspection concluded that the licensee's arrangements for managing non-nuclear health and safety on the site appear impressive. ONR noted evidence of high standards of compliance across many areas and topics. Observations for improvement were communicated in relation to:

- availability of daily check sheet records for interlocked machinery;
- nitrile glove use and suitability;
- signage for pedestrian safety;
- drinking stations in high heat level areas; and
- drum lifting and handling.

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.

### **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.

#### **3.1 De- and re-licensing discussions**

The licensee had previously discussed with ONR its intention to seek a new nuclear site licence to replace the existing licence for the Maynard Centre. The current licence is for the operation of an installation for the production from nuclear matter of isotopes for industrial, chemical, agricultural, medical or scientific purposes. Such production activities ceased at the Maynard Centre in 2010, and the licensee had previously indicated to ONR that it is intending to apply to replace the existing licence with a new licence solely for the storage of bulk quantities of radioactive matter, to cover the continued storage of its tritium and carbon-14 wastes in its Material Handling Centre.

In further pre-application discussions, the licensee has explained to ONR that its intention is to apply for a licence to operate that smaller storage site, to be called the Cardiff Nuclear Licensed Site (CNLS), the boundary of which is entirely within the confines of the current Maynard Centre nuclear licensed site and its security boundary. ONR has explained to the licensee that to achieve this, the licensee will need to:

- demonstrate to ONR that there has ceased to be any danger from ionising radiations from anything on the part of the current licensed site that is to be delicensed; and
- make an application for a new nuclear site licence for CNLS.

ONR has explained to the licensee that it will assess delicensing submissions from the licensee against its published 'delicensing criterion' to ensure that the legal 'no danger' requirement is achieved, and assess any licence application against ONR's current licensing guidance.

As part of the licensee's preparatory work for delicensing it has made submissions to ONR for areas of the current site that are intended for delicensing, seeking 'agreement in principle' from ONR that the licensee should be able to demonstrate at the time of delicensing that the delicensing criterion has been achieved. Within the period covered by this report, the licensee submitted reports covering the Spine Corridor and Spine Duct for ONR assessment, and ONR gave its agreement in principle that Building CD1 has been cleared sufficiently such that there is no danger from ionising radiations from the building.

As part of the documentation required to be submitted to ONR as part of its application for a new site licence, the licensee submitted its CNLS safety case on 29 August for ONR consideration.

#### **3.2 Demolition**

On 17 September the licensee formally notified ONR under the Construction (Design and Management) Regulations 2007 of its intention to commence the demolition of its liquid handling centre in 2015.

### 3.3 Events and incidents

ONR was promptly informed of relevant events on the licensed site during this period, including:

- On 11 July, the licensee reported an occurrence of occupational dermatitis, the start of an investigation and the precautions being taken. ONR followed up on this report at its inspection on 8 September.

## 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 LIs or Enforcement Notices were issued during the period. Reports detailing regulatory decisions can be found on the ONR website at <http://www.onr.org.uk/pars/>.

## 5 NEWS FROM ONR

Insight into ONR's work as an independent regulator of the nuclear industry can be found in ONR's Quarterly News. The online publication (<http://www.onr.org.uk/onr-quarterly-report.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

Office for Nuclear Regulation  
Redgrave Court  
Merton Road  
Bootle  
Merseyside  
L20 7HS

website: [www.onr.org.uk](http://www.onr.org.uk)  
email: [ONREnquiries@onr.gsi.gov.uk](mailto:ONREnquiries@onr.gsi.gov.uk)

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