



**Office for Nuclear Regulation (ONR)  
Annual Site Report for  
GE Healthcare Ltd, Cardiff Nuclear Licenced Site  
(CNLS)**

**Report for period 1 January 2015 – 31 December 2015**

**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 available on the ONR website (<http://www.onr.org.uk/llic/>).

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 made inspections on the following dates during the year:

23 and 24 February 2015  
17 April 2015  
18 September 2015  
23 October 2015

In addition there was an inspection of GE Healthcare's arrangements that cover both licenced sites on 28 April 2015 and attendance at the Annual Review of Safety for both sites on 18 March 2015. There was also a security and safety based emergency exercise on 22 October 2015.

## 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. Where necessary, ONR will take formal regulatory enforcement action to ensure that appropriate remedial measures are implemented to reasonably practicable timescales.

### Annual Review of Safety

The ONR site inspector and the superintending inspector attended this meeting which covered both licenced sites operated by GE Healthcare Ltd. The licensee presented a summary of safety performance and operations on the sites over the previous year and their future intentions. The site inspector requested more focus on nuclear safety aspects within the report but also recognised the licensee's open approach to reporting and the high standards that had been applied to the delicensing of the Cardiff site. The licensee offered to share good practice and lessons learnt from the delicensing project with other licensees.

## **Nuclear Safety Committee**

On 28 April the site inspector carried out an inspection of the licensee's arrangements for the Nuclear Safety Committee (NSC) under Licence Condition 13, which covers both of GE Healthcare's licenced sites. On the basis of the evidence of our observations of the proceedings of the committee, we formed the view that the committee gave valuable and high quality advice to the licensee. We considered that the operation of the committee was likely to provide a strong contribution to the safety performance of the company.

## **Emergency Arrangements**

The licensee performed a demonstration exercise of their 'on site' emergency arrangements to deal with a security and safety event. Whilst some areas for improvement were identified, it was our judgement that the demonstration was successful and an adequate demonstration of GE Healthcare's emergency response.

## **Safety Documentation (Licence Condition 14)**

On 23 October the site inspector carried out an inspection of the licensee's arrangements for safety documentation under Licence Condition 14. It was judged that the arrangements were adequate for compliance with LC14.

## **2.2 Other work**

### **Readiness for de/re-licensing**

The site inspector and ONR specialists carried out inspections during the year to form a view of GE Healthcare's preparedness for delicensing the majority of the Maynard Centre that was previously used for the manufacture of radio-pharmaceutical products. The ONR Deputy Chief Inspector for Decommissioning, Fuel and Waste also attended the site to conclude final matters ahead of de-/re-licensing.

ONR granted GE Healthcare's application to revoke the existing licence and implement a new licence for the smaller Cardiff Nuclear Licenced Site (CNLS) on 1 May 2015. CNLS undertakes bulk storage of radioactive waste from previous operations and is located within the previously licenced site.

## **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. The licensee reported some minor events to ONR in compliance with the licensee's arrangements, which were promptly investigated by the licensee. Follow up reports are provided to ONR within sixty days. Following one of these events where waste was despatched with discrepancies in the labelling and shipping paperwork, the site inspector carried out a follow up inspection on 18 September 2015. The site inspector was satisfied that GE Healthcare had carried out a thorough investigation and that enhanced controls had been implemented to prevent a recurrence.

## 4 REGULATORY ACTIVITY

ONR 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.

## 5 NEWS FROM ONR

### Chief Executive

Adrienne Kelbie has been appointed Chief Executive of ONR and will take up the appointment on 18 January 2016. Adrienne is currently the Chief Executive of the Disclosure and Barring Service, and prior to this has had a varied career including periods as Deputy Chief Executive in a local authority and as Director of Operations responsible for national and international funding at the Big Lottery Fund.

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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Published 01/16

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