



Office for Nuclear Regulation (ONR) Quarterly Site Report for Low Level Waste Repository Limited

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 West Cumbria Sites Stakeholders Group Low Level Waste Repository Working Group and are available on the ONR website (<http://www.onr.org.uk/lrc/>).

The site inspector from ONR usually attends the West Cumbria Sites Stakeholders Group Low Level Waste Repository Working Group 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	4
4	REGULATORY ACTIVITY	4
5	NEWS FROM ONR	5
6	CONTACTS.....	5

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:

January	18
February	1
March	22

On 23 January, a meeting was held at the request of the Nuclear Decommissioning Authority, at its Risley office, to provide information on aspects of the regulatory perspective of the performance of the Low Level Waste Repository Limited licensee.

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 January ONR conducted a planned site inspection of the licensee's arrangements to introduce the implementation of a new maintenance management system. ONR inspectors met with the licensee's engineering personnel who are implementing the arrangements for an enhanced maintenance management system to improve planning and recording the maintenance of safety related equipment across the site.

The new maintenance management system was proposed to be implemented in mid-2017 and appropriate preliminary work by the licensee was shown to be in compliance with licence condition 28 arrangements, (for examination, inspection, maintenance and testing). This enabled ONR to inspect aspects of the licensee's preparatory work, and form the judgement that the licensee was adequately implementing an appropriately managed changeover process, for the planned maintenance of safety related equipment, derived from the site safety case.

In February a planned system inspection was conducted at the site, inspecting the licensee's implementation of the safety case relating to emergency equipment. ONR was accompanied by the licensee's independent safety inspector. The licensee's safety case and approved emergency plan identified a range of safety equipment, as part of the licensee's emergency response capability, informed by the scope of hazards at the site. ONR initially inspected the

derivation of the emergency equipment from both the licensee's safety case and the approved emergency plan, and followed this with a site inspection of one of the 'Incident Control Centres' and one of the mobile 'Forward Control Point' vehicles. ONR also inspected aspects of the implementation of the licensee's arrangements relating to the appointment and training of key emergency response staff, including Duty Managers, and sampled aspects of maintenance records for some emergency equipment. It was concluded that the licensee had adequately implemented the safety case, relating to emergency equipment, in the areas inspected.

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.

2.2 Other work

Meetings with the safety representatives

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

West Cumbria Site Stakeholder Group – LLWR Sub Group meeting

ONR attended the Site Stakeholder Group meeting held near to the site on 18 January and reported on recent ONR interactions with the licensee, predominantly the provision of regulatory advice across a range of radioactive waste management strategy matters.

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. The licensee reported some minor events to ONR in this quarter, in compliance with the licensee's arrangements, which were promptly investigated by the licensee, with follow up reports within sixty days of the event being provided to ONR. ONR is content that the licensee has identified learning opportunities from investigations and actions have been taken to help prevent 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. No Licence Instruments were issued in this period.

Reports detailing 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.

Onr 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

Office for Nuclear Regulation
Redgrave Court
Merton Road
Bootle
Merseyside
L20 7HS
Website: www.onr.org.uk
Email: ONREnquiries@onr.gov.uk

This document is issued by the Office for Nuclear Regulation (ONR). For further information about ONR, or to report inconsistencies or inaccuracies in this publication, please visit <http://www.onr.org.uk/feedback.htm>.

© Office for Nuclear Regulation, 2017
If you wish to reuse this information visit www.onr.org.uk/copyright for details.

Published April 2017
For published documents, the electronic copy on the ONR website remains the most current publicly available version and copying or printing renders this document uncontrolled.