



Office for Nuclear Regulation (ONR) Quarterly Site Report for Chapelcross

1 July – 30 September 2019

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 Chapelcross Site Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/lc/>).

Site inspectors from ONR usually attend the Site Stakeholder Group meetings and will respond to any questions when there. Otherwise, any person wishing to enquire about matters covered by this report should contact ONR (<http://www.onr.org.uk/feedback.htm>).

TABLE OF CONTENTS

1. INSPECTIONS	3
2. ROUTINE MATTERS.....	3
3. NON-ROUTINE MATTERS.....	3
4. REGULATORY ACTIVITY	4
5. NEWS FROM ONR.....	Error! Bookmark not defined.
6. CONTACTS.....	4

1. INSPECTIONS

1.1. Dates of inspection

ONR made visits to the Chapelcross (CHX) site on the following dates: -

- 19 – 23 August 2019

Some of the inspections were carried out with inspectors from the Licensee's internal regulatory organisation and the Scottish Environmental Protection Agency (SEPA)

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);
- The Energy Act 2013;
- The Health and Safety at Work Act 1974 (HSWA74); and
- Regulations made under HSWA74, for example the Ionising Radiations Regulations 2017 (IRR17) 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 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 this period, ONR carried out the following planned inspections at CHX:

Licence Condition (LC) Compliance Inspections: - Compliance Inspections focus on single LC compliance sampled from areas across the site. Each area may include multiple systems. The LCs inspected during this period were: -

- LC22 Modification or Experiment on existing plant
- LC27 Safety Mechanisms, Devices and Circuits
- LC28 Examination, Inspection, Maintenance and Testing

For the LC Compliance Inspections, ONR judged that no formal action was required by the site in regard to the arrangements made and implemented by the site in response to safety requirements.

Where other 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.

There were no significant safety matters reported by CHX during this period.

4. REGULATORY ACTIVITY

ONR may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site Licence Conditions (LC - <http://www.onr.org.uk/documents/licence-condition-handbook.pdf>) 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 to CHX within the reporting period.

Reports detailing regulatory decisions are available on the ONR website at <http://www.onr.org.uk/pars/>.

5. NEWS FROM ONR

5.1. Enforcement Action

A summary of enforcement action is provided below. Further detail is available on [our website](#).

- On 19 July we served [Improvement Notices on the Atomic Weapons Establishment \(AWE\)](#) relating to the way the company undertakes risk assessments for organisational change which may affect safety.
- Following a court hearing on July 23, 2019 at Plymouth Magistrates' Court, [Devonport Royal Dockyard Ltd \(DRDL\) was fined £666,667](#) and ordered to pay costs of £27,611.82. It follows an incident in September 2018 involving a crane at the Devonport 9 Dock facility. During a lifting operation to disassemble a stack of test weights, the weights became detached and fell towards a worker, narrowly missing him. This was a conventional health and safety incident and there was no nuclear or radiological risk to workers or the public
- On 20 August 2019 we provided [EDF Energy Nuclear Generation Ltd with permission for Reactor 4 at Hunterston B to return to service](#) for the next period of operation. Permission is for up to 16.025 terawatt days, which is approximately four months operation.
- Recognising the good progress made so far, on 16 September 2019 we agreed to [extend two Improvement Notices issued to EDF Energy Nuclear Generation Ltd \(EDF\)](#) from the original compliance date of 16 September, 2019, to 16 December, 2019. The notices were served in January 2019 following an incident at Heysham 1 power station. We have been closely monitoring the work to comply with both notices and will continue to do so to ensure full compliance.

5.2. Regulatory Updates

- We have revised our [Licencing Nuclear Installations guidance](#). The revised guidance replaces the 4th edition, published in January 2015. The key changes to the guidance have been made to reflect legal changes as a result of the introduction of new legislation and to include reference to updated processes and procedures.
- Together with the Health and Safety Executive (HSE) we have published a [new Approved Code of Practice \(ACOP\) and guidance](#) to assist dutyholder compliance with the new Radiation (Emergency Preparedness and Public Information) Regulations 2019 (REPPiR).

5.3. Stakeholder Engagement

- On 18 September we held our Finance Industry Seminar which brought together finance colleagues from licence holders to discuss how we plan and forecast our charges, as part of our drive to be open and transparent about how we charge for the regulatory services we provide.
- In the week commencing 23 September, we attended an OECD Nuclear Energy Agency Workshop on Stakeholder Involvement: Risk Communication, as part of a UK contingent which included other regulators, government bodies, supply chain representatives and attendees from nuclear interest and pressure groups. The workshop explored how best to communicate radiation risk and how to ensure stakeholder involvement and participation. Further details about this event can be found here: <https://www.oecd-nea.org/civil/workshops/2019/stakeholder/>
- In the week commencing 16 September we attended the 63rd International Atomic Energy Agency (IAEA) General Conference in Vienna. The annual General Conference is an opportunity for all IAEA Member States to jointly consider matters related to the IAEA's ongoing work, budget and priorities. This year, over 3000 participants attended, including delegates from 152 of the IAEA's 171 Member States.

5.4. Corporate News

- The [Department for Work and Pensions](#) is looking to appoint two non-executive directors to [ONR's Board](#). More details on the roles and how to apply can be found on the [HM Government Public Appointments website](#).
- On 10 July we published our [gender pay report for 2018/19](#). We are committed to improving diversity by promoting and maintaining an inclusive working environment and are pleased to report positive shifts in the gender pay gap indicators, where our mean gap of 27% has reduced by 8.2% since [our second report in 2017/18](#).

All our latest news is available on our website www.onr.org.uk.

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, 2019

If you wish to use this information visit www.onr.org.uk/copyright for details.

Published 11/19

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.