



Office for Nuclear Regulation (ONR) Quarterly Site Report for Hartlepool Power Station

Report for period 1 October to 31 December 2016

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 for the Hartlepool Local Community Liaison Committee and are also available on the ONR website (<http://www.onr.org.uk/lc/>).

Site inspectors from ONR usually attend Hartlepool Local Community 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

ONR inspectors undertook interventions at Hartlepool Power Station, on the following dates during the quarter:

- 5 October
- 18 October
- 31 October – 2 November
- 10 – 11 November
- 14 – 17 November
- 29 – 30 November
- 5 – 8 December

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.

In this period, routine inspections of Hartlepool Power Station covered the following:

- Control and supervision of maintenance activities
- Corrosion management
- On site emergency arrangements
- Marking of the site boundary
- Safety case management
- Fire safety

In addition to our program of site licence compliance inspections, ONR also undertakes system based inspections which are focused on the site's critical safety systems and structures identified in licensees' safety cases. During the period, ONR performed a system based inspection of the following system:

- Buildings, Civil Structures and flood defences.

In general, ONR judged the arrangements made and implemented by the station 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.

On-site Emergency Arrangements

ONR undertook an intervention to evaluate the licensee's arrangements to deal with a radiological or chemical incident occurring at Hartlepool Power Station. Overall, we judged that arrangements were suitable and sufficient. A key objective of our intervention was to evaluate arrangements to ensure the availability of equipment designed to prevent or limit the consequences of severe radiological accidents. We found that EDF NGL had developed suitable instructions for the deployment of this equipment under a range of arduous conditions. We also judged that the licensee's maintenance strategy for this equipment was appropriate to support the Station's emergency plans and guidelines.

EDF NGL agreed to review its procedure for the response to a chemical fault identified in its emergency plan. Progress will be monitored during future visits to the station and recorded via an entry on the ONR issues database

2.2 Other work

2.2.1 Annual Review of Safety

The licensee's Annual Review of Safety for Hartlepool power station was held on 30 November 2016, attended by the ONR superintending inspector for operating reactors. The licensee presented its annual assessment of safety performance on the site and identified its priorities for continuous improvement for the next 12 months. ONR considered that the licensee's assessment was sufficiently comprehensive and had identified appropriate areas to improve its nuclear safety performance.

2.2.2 Emergency Exercise LUNA

The site's annual level 1 emergency exercise took place in November. The exercise, which involved participants from the emergency services as well as EDF NGL's own staff, was designed to demonstrate Hartlepool power station's capability to deal effectively with an emergency incident. The exercise was observed by a team of ONR inspectors who concluded that the exercise was a successful demonstration of the site's emergency arrangements.

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 such matters or events of significance during the period.

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

On 1 November 2016, ONR held its Industry Conference in London, which brought together senior leaders from across the nuclear sector. We were pleased to welcome Baroness Neville-Rolfe DBE CMG, Minister of State at the Department for Business, Energy and

Industrial Strategy (BEIS) to this year's conference who delivered the [keynote speech](#). A special edition of [Regulation Matters](#) has been published following the conference, which provides a summary of how the day unfolded. As part of our commitment to engage regularly with all our stakeholder groups, we were pleased to welcome 17 representatives from a number of organisations to our ONR / NGO forum on 30 November in London. The event provided an opportunity for NGO representatives to meet with a number of senior ONR leaders, including our Chief Executive and Chief Nuclear Inspector, to discuss a number of priority issues.

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>).

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