



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

Report for period 1 July 2017 – 30 September 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 to members of 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 where these reports are presented 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 reporting period:

- 17 – 21 July
- 17-18 August
- 23 August
- 25 – 29 September

## 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)
- 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 the 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:

- Modifications to plant, equipment and safety cases
- Emergency preparedness
- Incidents on the site
- Organisational capability
- Fire safety.

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

- Fuel Assemblies.

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.

During this period the site inspector, supported by a specialist inspector from ONR's Emergency Preparedness and Response team undertook an inspection to examine compliance against licence condition 11 (Emergency Arrangements). Inspectors used

nationally agreed Emergency Arrangements Capability Maps as a framework to target particular aspects of emergency arrangements for sample inspection. The framework ensures that over a five-year period all relevant legislative requirements are subject to detailed evaluation. The inspection concluded that claims made in the station's safety case had been accurately implemented within the station's emergency arrangements. One minor compliance shortfall was noted in relation to arrangements for review of emergency operating instructions. EDF agreed to address this finding which will be tracked to completion via an entry on ONR's issues database.

In July, ONR inspectors attended the station's Emergency Arrangements Review meeting during which EDF presented their annual self-assessment of the station's capability to respond to an incident occurring on the site. ONR was satisfied that overall, EDF's self-assessment was objective and evidence based. Inspectors considered that adequate progress had been made against areas for improvement noted during last year's review meeting.

## **2.2 Other work**

ONR attended Hartlepool Power Station's Emergency Planning Consultative Committee meeting on the 17 September 2017. During the meeting, we delivered a presentation explaining our revised principles for determination of offsite emergency planning areas under the Radiation (Emergency Preparedness and Public Information) Regulations (REPPiR). ONR is applying these principles in its review of the station's offsite emergency planning area following submission of a revised Report of Assessment by EDF under REPPiR regulation 5(2).

## **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**

The Office for Nuclear Regulation has appointed Mark Foy as its new Chief Nuclear Inspector, replacing Dr Richard Savage who will be stepping down after two years in the role for family reasons.

Mark's 30-year career has been spent working across the civil and defence nuclear industry, half of it as a nuclear regulator. For the last four years he has been a Deputy Chief Nuclear Inspector working on some of ONR's most significant programmes including Sellafield, decommissioning, defence and civil reactors.

ONR will soon launch its new newsletter containing the latest news and developments from across the organisation. If you would like to receive this, please subscribe on the [ONR website](#).

## 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.gov.uk](mailto:ONREnquiries@onr.gov.uk)

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