

Office for Nuclear Regulation (ONR)

Site Report for

HINKLEY POINT C

Report for period 1 July 2018 – 30 September 2018

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 published on the ONR website (<http://www.onr.org.uk/lhc/>).

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1 INSPECTIONS

The ONR nominated site inspector and/or other ONR specialist inspectors including ONR warranted Health and Safety Executive Construction Division inspectors made inspections on the following dates during the quarter at the HPC construction site:

- 25 July 2018
- 6 August 2018
- 15 – 16 August 2018
- 12 September 2018
- 27 September 2018

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 Regulatory Reform (Fire Safety) Order 2005
- the Nuclear Industries Security Regulations 2003

ONR has implemented a programme of intervention to:

- secure ONR's regulation of the construction and installation of two UK EPR™ reactor units by NNB GenCo (HPC) Ltd.;
- ensure that NNB GenCo (HPC) Ltd. is complying with its legal responsibilities;
- conduct theme focused interventions and cross-theme team inspections aimed at gathering evidence to form a judgement on the on-going development of NNB GenCo (HPC) Ltd.'s competence and capability and the effectiveness of its management arrangements for the controlling procurement, design and manufacture;
- to inform ONR's judgement on the adequacy of NNB GenCo (HPC) Ltd.'s site construction related compliance arrangements to support ONR's permissioning decisions in relation to start of pumping station construction and first nuclear island concrete.

In this period, routine site inspections at the Hinkley Point C construction site covering the following Licence Conditions (LCs) were performed:

- LC05 – Consignment of nuclear matter
- LC08 – Warning notices
- LC11 – Emergency arrangements
- LC17 – Management systems
- LC19 – Construction or installation of new plant

As NNB GenCo (HPC) Ltd.'s construction activity increases at the HPC site, ONR's site interventions will include increasing focus on NNB's ability to adequately control construction at the HPC site in accordance with NNB GenCo (HPC) Ltd.'s justified design.

For all LCs under inspection ONR judged that NNB GenCo (HPC) had adequately implemented its licence compliance arrangements with only minor areas for improvement being identified.

ONR continues its engagement with the project via site visits and meetings at NNB GenCo (HPC)'s office locations across the following themes:

- Design and Safety Case
- Organisational Capability
- Conventional Health and safety and fire safety
- Security

These inspections are providing ONR with valuable intelligence on the progress NNB GenCo (HPC) is making to continue developing its competence and capability to manage the design, procurement and construction of Hinkley Point C.

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.

During the reporting period no significant non-routine matters were identified.

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' , but can take other forms. In addition, inspectors may issue Enforcement Notices to secure improvements to safety.

During the reporting period ONR concluded its permissioning of the start of the Hinkley Point C pumping station, resulting in ONR issuing its Agreement to NNB GenCo (HPC) commencing construction of the unit 1 pumping station. The Project Assessment Report recording ONR's assessment can be found at the link below.

Table 1
Licence Instruments and Enforcement Notices Issued by ONR during this period

Date	Type	Ref No	Description
26 July 2018	AGREEMENT	LI511	Agreement issued under Licence Condition 19(1) to the start of construction of the unit 1 pumping station

REPORTS DETAILING REGULATORY DECISIONS TAKEN AT HINKLEY POINT C CAN BE FOUND ON THE ONR WEBSITE AT [HTTP://WWW.ONR.ORG.UK/PARS](http://www.onr.org.uk/pars)

5 NEWS FROM ONR

STAKEHOLDER ENGAGEMENT

In August our Chief Nuclear Inspector Mark Foy and Deputy Chief Inspector Mina Golshan, hosted a webinar for stakeholders on the outcomes of the UK report to the Joint Convention. This is a new channel of communication which we have introduced, and further webinars are planned for November and February 2019. If you would like to find out more, please contact the ONR Communications team at contact@onr.gov.uk

The ONR/NGO engagement forum took place on 11 October in London. This is a forum to discuss strategic, cross-cutting regulatory matters. Site specific matters are normally addressed via Site Stakeholder Groups. We are always keen to engage with a range of stakeholders and groups on nuclear safety and security issues, so if you do represent a nuclear-interest Non-Governmental Organisation, and are not already involved through our forum or via a Site Stakeholder Group, then please get in touch with the ONR Communications team for further details, via contact@onr.gov.uk
Regulatory News

On 25 July we announced our decision to prosecute the Atomic Weapons Establishment for offences under Section 2 (1)* of the Health and Safety at Work etc. Act (1974). This charge related to an electrical incident on 27 June, 2017, which resulted in injury to an AWE employee. The incident was a conventional health and safety matter and there was no radiological risk to workers or the public. At a court hearing on 18 September, AWE pleaded guilty to the charge and sentencing was adjourned until 9 November, 2018.

In a separate case brought by ONR, EDF Energy Nuclear Generation Ltd and Doosan Babcock Ltd pleaded guilty on 10 October, 2018) to offences under the Health & Safety at Work etc. Act 1974, section 3(1) and the Work at Height Regulations 2005, Regulation 4(1) respectively. The charges relate to an incident on 12 April 2017 at the Hinkley Point B nuclear power station, which resulted in a serious injury to a Doosan Babcock Ltd employee. Following a hearing at Taunton Magistrates Court, the case was committed for sentencing at Taunton Crown Court with an initial hearing date set for 16 November 2018, although this date is subject to change.

Both of these cases related to conventional, industrial-type incidents that would have been subject to regulation by the Health and Safety executive prior to ONR's creation four years ago, when we gained responsibility for such matters on licensed sites. There was no radiological risk to workers or the public.

Updates on each case will be published on our website www.onr.org.uk
We have recently published our Statement of civil incidents meeting the Ministerial Reportable Criteria (MRC) reported to ONR - Q2 2018 (1 April 2018 to 30 June 2018). Full details are available on our website.

CORPORATE NEWS

In July we published our second gender pay report. The organisation-wide results show that ONR has a mean gender pay gap of 35.2%, which is wider than last year, although it is broadly similar to the rest of the UK nuclear industry and anticipated given our workforce profile, and that of the industries from which we have historically recruited. ONR is committed to addressing this issue and continues to focus on improving diversity and inclusion.

Our Chief Executive, Adrienne Kelbie, has agreed a three-year contract extension, taking her term of employment to January 2022.

The Department for Work and Pensions has started the process for recruiting a new ONR Chair (further details can be found on the public appointments website). Our current Chair, Nick Baldwin CBE, will remain in office until 31 March, 2019.

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