



# Office for Nuclear Regulation (ONR) Quarterly Site Report for Hinkley Point B Power Station

Report for period 01 July 2014 – 30 September 2014

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

Site inspectors from ONR usually attend the Hinkley Point Site Stakeholder Group 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

1. The ONR site inspector made inspections on the following dates during the quarter:
  - 29, 30 & 31 July 2014
  - 12, 13 & 14 August 2014
  - 2, 3 & 4 September 2014
  - 17 & 18 September 2014
2. In addition, ONR specialist inspectors undertook inspections on the following dates during the quarter:
  - 11 & 12 August 2014
  - 14 August 2014
  - 2 & 3 September 2014

## 2 ROUTINE MATTERS

### 2.1 Inspections

3. 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).
4. 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.
5. In this period, routine inspections of Hinkley Point B covered the following:
  - Staff training, qualifications and experience;
  - Operating rules and operating instructions;
  - Safety mechanisms devices and circuits;
  - Examination, maintenance, inspection and testing;
  - Leakage and escape of radioactive material and radioactive waste;
  - Periodic shutdown;
  - Accumulation of radioactive waste;
  - Organisational capability;
  - Meeting of the Emergency Preparedness Consultative Committee
6. In addition, the following additional activities were inspected:
  - System inspection: fire detection, suppression, barriers, doors and dampers;
  - System inspection: electrical – short break supplies;
  - Two joint inspections with the Environment Agency.

7. In general, ONR judged the arrangements made and implemented by the site in response to safety requirements to be adequate in the areas inspected. Both of the safety systems were judged to adequately fulfil the requirements of the safety case. 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.

### 3 NON-ROUTINE MATTERS

8. 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.
9. On 2nd July 2014 during a normal routine test run of the Nitrogen plant, a section of pipe on one of the two Nitrogen injection lines failed. The event did not result in any casualties, no release of radioactivity and there was no immediate effect on reactor operations. The licensee began an event recovery which has now been completed, and plant has been returned to the correct configuration. ONR was provided with a copy of the licensee's investigation and other relevant supporting documentation. We discussed the event and the progress being made to address the identified corrective actions with site. At this time, we are satisfied that the site had responded well to the event and returned the plant back to a safe condition in a timely manner. The investigation report appears to be thorough and the key issues associated with the event have been identified. We will continue to interact with site as appropriate.

### 4 REGULATORY ACTIVITY

10. ONR inspectors, specialist inspectors and HSE 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' (LI's), but can take other forms. In addition, inspectors may issue Enforcement Notices to secure improvements to safety.
  - No LI's or Enforcement Notices were issued during the period.
11. Reports detailing ONR regulatory decisions can be found on the ONR website at <http://www.onr.org.uk/pars/>.

### 5 NEWS FROM ONR

12. Insight into ONR's work as an independent regulator of the nuclear industry can be found in ONR's Quarterly News. The online publication (<http://www.onr.org.uk/onr-quarterly-report.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>).

#### ONR is changing

13. On 1 April 2014, the ONR was established as a Public Corporation under the Energy Act 2013. The Energy Act 2013 sets out the legal framework for regulation of GB nuclear sites by the ONR. In addition, the ONR has the powers to regulate conventional health and safety on GB nuclear sites. ONR now has its own logo, which

will be used on all documents and other external communication media. Other notable changes include a new website and publication of an Annual Plan for 2014/15.

## 6 CONTACTS

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