



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

Report for period 01 April 2014 – 30 June 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:
 - 8, 9, 10 April 2014
 - 20, 21, 22 May 2014
 - 3, 4, 5 June 2014
 - 30 June – 3 July 2014
2. In addition ONR specialist inspectors undertook inspections on the following dates during the quarter:
 - 20 May 2014
 - 30 June – 3 July 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;
 - emergency preparedness;
 - periodic review;
 - modification or experiment on existing plant;
 - operating rules and operating instructions;
 - operational records;
 - safety mechanisms devices and circuits;
 - examination, maintenance, inspection and testing;
 - periodic shutdown;
 - leakage and escape of radioactive material and radioactive waste.
6. In addition, the following additional activities were inspected:
 - annual Review of safety;
 - level 1 emergency demonstration exercise;
 - system inspection: reactor auxiliary cooling water;

- system inspection: civil structures on the site.

Level 1, Emergency Demonstration Exercise

7. On 1 July ONR witnessed the level 1 emergency exercise “Boson”. I judged the scenario for the emergency exercise to be a challenging one that incorporated elements of nuclear security and nuclear safety. Overall, ONR concluded that the exercise was a satisfactory demonstration of the site emergency arrangements.
8. 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.

3 NON-ROUTINE MATTERS

9. 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.
10. There were no such matters or events of significance during the period.

4 REGULATORY ACTIVITY

11. 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’ (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.

12. Reports detailing ONR regulatory decisions can be found on the ONR website at <http://www.onr.org.uk/pars/>.

5 NEWS FROM ONR

13. 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

14. 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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