



Office for Nuclear Regulation (ONR) Quarterly Site Report for Dounreay

Report for period 01 July – 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 quarterly to members of the Dounreay Stakeholder Group and are also available on the ONR website (<http://www.onr.org.uk/llc/>).

Site inspectors from ONR usually attend Dounreay 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

ONR inspectors made inspections on the following dates during the quarter:

- 17-20 July
- 24-27 July
- 21-23 August
- 11-14 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); 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 (site/station) covered the following:

- Examination, maintenance, inspection and testing;
- Management of operations including control and supervision;
- Staff training, qualifications and experience;
- Quality assurance and records.

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.

Examination, maintenance, inspection and testing

ONR site inspectors carried out inspections related to maintenance of safety related plant and equipment, focussing on the Dounreay Fast Reactor (DFR) Breeder Fuel Removal (BFR) project. Overall they considered that the project had adequate arrangements in place for the identification of key safety related equipment and for the associated examination, inspection, maintenance and testing of that equipment.

This inspection also provided an opportunity to conduct a plant visit of the BFR plant. During this visit the inspectors considered there to be a clear demonstration of the implementation of adequate maintenance arrangements on plant.

Management of operations

ONR site inspectors carried out an inspection of control and supervision, examining how senior managers within the reactors, waste and FCA directorates ensured that the arrangements implemented for the control and conduct of operations were being complied with and, that those arrangements provided the desired outcomes.

The inspectors considered that the senior managers interviewed demonstrated adequate arrangements for ensuring the suitable and sufficient control and conduct of operations within their operational areas.

Staff training, qualifications and experience

ONR site inspectors carried out an inspection of training and qualifications and experience of selected personnel, which involved:

- An assessment of DSRL's corporate arrangements for demonstrating compliance against the requirements of the licence conditions;
- A detailed assessment of the implementation of those corporate arrangements within the reactors, waste and fuel cycle area directorates.

They considered that the corporate arrangements provided a clear framework for the identification and fulfilment of the competency requirements for both the 'day posts' required on site and the safety and environment related roles and emergency response related roles that personnel are appointed to either as a function of their day post or in addition to their day post. They further considered that each directorate was able to demonstrate an adequate implementation of the corporate arrangements in the areas inspected, providing evidence of local arrangements supporting the training and competency requirements specific to individual areas.

Quality management and records

ONR site inspectors, supported by a specialist inspector from the human factors discipline, carried out an inspection of quality management arrangements supporting the dispatch of material from the site.

There was clear evidence of appropriate stakeholder engagement in the development of the shipment arrangements; this includes the provision of awareness and specialist training for all those stakeholders involved in the shipping process.

2.2 Other work

The site inspectors held a periodic meeting with safety representatives, to support their function of representing employees and receiving information on matters affecting their health, safety and welfare at work.

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

ONR Chief Nuclear Inspector, Dr Richard Savage, has announced he will be stepping down after two years in the role for family reasons. ONR has appointed Mark Foy, current Director of our Operating Facilities, as Acting Chief Nuclear Inspector (CNI) with effect from 30 October. ONR expects to appoint a permanent Chief Nuclear Inspector towards the end of 2017, subject to ministerial approval.

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 (<http://www.onr.org.uk/ebulletin/index.htm>).

6 CONTACTS

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