



Office for Nuclear Regulation (ONR) Quarterly Site Report for Studsvik Metal Recycling Facility

Report for period 1 January – 31 March 2015

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 for the Studsvik Metal Recycling Facility Local Liaison Panel and are also available on the ONR website (<http://www.onr.org.uk/lrc/>).

Site inspectors from ONR usually attend Studsvik Metal Recycling Facility Local Liaison Panel 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

The ONR site inspector and/or other ONR Inspectors conducted interventions on the following dates during the quarter:

| | |
|----------|---|
| January | 14 th |
| February | 11 th |
| March | 2 nd , 3 rd , 4 th , 11 th , 12 th |

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.

During the report period, the ONR site inspector carried out an inspection of the Studsvik Metals Recycling Facility (MRF) Licence Condition (LC) 28 "Examination, Maintenance, Inspection and Testing" arrangements. Overall, the ONR site inspector considered that, with respect to the aspects covered in the inspection, the MRF arrangements were generally adequate and met the ONR guidance requirements. There were a number matters for which MRF were requested to provide additional information/clarification. These aspects will be followed up by the ONR site inspector within future inspections/discussions which will be programmed into the 2015/16 ONR MRF inspection plan.

ONR Radioactive Material Transport (RMT) inspectors reviewed the MRF arrangements in respect of the safe transport of radioactive material against the requirements of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (as amended 2011). The inspection raised a number of areas of good practices and areas for further consideration by MRF. However the inspection did identify one major deficiency associated with the emergency arrangements for offsite transport. The work to be undertaken by MRF to address the issue will be monitored by the ONR-RMT Inspector.

2.2 Other work

As discussed in previous reports, the ONR site inspector continued inspections and discussions during this report period to ascertain whether the implemented improvements being undertaken at MRF to address some of the recent problems associated with the accumulation and storage of material across the facility site were being sustained. MRF has

evidently made significant progress during this report period in removing from site significant amounts of material and waste. The storage of these items on the outside areas had been significantly hindering efficient operations on the site. Significant numbers of ISO containers have now been removed from the container storage areas and the amount of material and waste “stored” on the roadways reduced. MRF is encouraged to continue, and if possible accelerate the MRF outside areas and Annex material storage improvements and to ensure that recent improvements are sustained.

During the period, the MRF Annual Review of Safety Meeting for 2014 was held. Overall the ONR attendees considered that MRF had adequately reflected highlights and issues arising from 2014 operations and that MRF had adequately identified and were progressing work to address the problems encountered. The ONR attendees also considered that MRF had made improvements to their Annual Review processes and reports, which now covers all aspects of MRF operations, ie. nuclear and conventional safety, environmental performance, radiological safety, transport and security etc. MRF confirmed that 2014 had been a challenging year with a number of operational difficulties having been encountered. One focus for MRF during 2015 will be to improve the MRF Emergency Preparedness arrangements.

ONR has continued to review and discuss the Studsvik proposals to re-organise operations and management structures at MRF and their implementation. The ONR site inspector will continue to monitor the implementation of the changes throughout the next report period and will continue to engage with Studsvik as proposals for further re-organisation of operations at MRF are developed.

During the report period updates have been obtained on various other aspects of operations on the MRF site. Topics discussed included the MRF Safety Performance Indicators (SPI) data, the programme of radiological improvements across the site and the MRF Emergency Exercise programme. None of the matters discussed were considered to require immediate regulatory action. However, a number of issues will be discussed further with MRF during planned interventions with the site within the next report period.

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.

Information on the non routine matters and events that occurred on the MRF site during the report period has been provided to ONR. ONR considers that MRF has adequately investigated the events and taken appropriate measures to address issues arising. However a number of actions being undertaken by MRF to address some of the issues raised will be followed up by the ONR Site Inspector during the next reporting period.

4 REGULATORY ACTIVITY

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.

The following LIs and Enforcement Notices (Table 1) have been issued during the period:

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

| Date | Type | Ref No | Description |
|------|------|--------|--------------------------------|
| | | | None issued this report period |

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

5 NEWS FROM ONR

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>).

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