

DSG(2020)P004



Dounreay Stakeholder Group  
Site Restoration Sub Group Update Report  
January 2020



## **Site Inspection Work & Compliance**

As reported previously in September 2019 SEPA undertook a compliance inspection of DSRL's implementation of standards and codes of practice, which form part of the site's management system. The inspection identified a number of shortcomings in the implementation of site standards relating to inspection, maintenance and use of equipment which are relied upon for environmental compliance.

Following consideration of the implications SEPA served DSRL with a Regulatory Notice in December 2019 outlining the steps to be taken to address the contraventions:

- Undertake a review of the adequacy of management arrangements and written procedures in place for the implementation of site standards by June 2020. This will include identifying the changes necessary to address any inadequacies identified.
- Implement the identified changes to the management arrangements and written procedures by December 2020.
- Undertake a review of the effectiveness of the changes by December 2022.

SEPA inspectors visited Dounreay during December to be updated on a number of decommissioning projects and to undertake a compliance inspection of DSRL's arrangements for the inspection and monitoring of the radioactive liquid effluent drainage systems. No non-compliances were identified during the visit.

## **Radioactivity in Food and the Environment**

RIFE 24 was published in October 2019 which sets the findings of the UK-wide radiological monitoring programmes carried out in 2018. The report is available at;

<https://www.sepa.org.uk/environment/radioactive-substances/environmental-monitoring-and-assessment/reports/>

## **Low Level Radioactive Waste Facility**

SEPA undertook a scheduled inspection of the site on the 19th November 2019. The inspection focused on the arrangements for sampling, measurements, tests, surveys and calculations specifically inspecting against permit conditions 11.1, 11.3, 11.4, 11.5, 11.6, 11.8 and 11.9.

Dounreay LLWF were found to be compliant with the majority of the conditions inspected with the exception of two minor non-compliances. One related to the detailed analysis of water samples as specified in the sites

detailed monitoring programme and the other to the reporting of this non-compliance to SEPA.

Since the inspections the non-compliance in relation to reporting has been satisfactorily addressed and work is on-going to update the monitoring programme to bring the site back into full compliance.

SEPA also noted during the inspection the good work undertaken by Dounreay LLWR to construct 5 new borehole monitoring points to ensure good quality continuous data records for the site.

Along with the inspection in November SEPA also had a routine technical meeting with DSRL about improvements to the operation of the packing efficiency of the disposal facility and the ongoing work to update the Environmental Safety Case.

SEPA undertook further compliance inspection of the sites arrangements for record keeping in relation to the LLWF in December 2019. SEPA found the arrangements to be adequate to demonstrate compliance with Standard Condition A 4.1, A 4.2 and A 4.3.

### **Site End State**

SEPA met with DSRL in December to be updated on work streams and progress being by DSRL Interim End State Delivery team.

### **Non-Nuclear Site Regulation**

SEPA met with DSRL in December to be updated on progress with plans for improvements to the non-active drainage network.

### **Planning**

Nothing to report.

### **Vulcan**

A new CAR licence (CAR/S/1186549) was issued for the discharge of cooling water and the previous licence in place for this activity revoked. This change was required to update the sampling point and responsible person.

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