

**DSG(2017)P020**

Dounreay Stakeholder Group

Site Restoration Sub Group Update Report

Nov 2017

## **Site Inspection Work & RSA Compliance**

Following several incidents of non-liquid and gaseous discharges from the site, SEPA issued a Notice of Variation to the site RSA Authorisation to require DSRL to undertake a range of specified improvements. The specified improvements require DSRL to review and validate its arrangements for the sampling, calculation and reporting of discharges and to implement any improvements to its arrangements arising from the review work. DSRL are required to complete the various improvements between 25 March 2018 and 25 September 2018.

In July, Dounreay Site Restoration Limited (DSRL) informed SEPA that a hairline crack had been identified in a recently installed section of ventilation ductwork that is used for the disposal of gaseous radioactive waste in the Prototype Fast Reactor (PFR) facility at Dounreay. As a result SEPA has been investigating the circumstances surrounding the installation of this section of ductwork. SEPA has required DSRL to provide SEPA with copies of specific documentation a investigation into this matter is currently on-going. DSRL has subsequently notified SEPA in October of a further crack being discovered on another, older, section of ductwork forming part of the same system which SEPA is also considering as part of its ongoing investigation.

During October SEPA undertook inspection of DSRL's review of Environmental Protection Equipment, evidence used by DSRL to underpin disposal of LLW to the LLWF and RSA compliance arrangements associated with a number of projects.

A number of discussions have been held with the DSRL Chief Nuclear Officer to update SEPA on progress with The Dounreay Plan.

## **Low Level Radioactive Waste Facility**

DSRL advised SEPA that the programme of work to top off grouted HHISO containers has been completed ahead of schedule. SEPA has reviewed the revised grouting arrangements put in place by DSRL to prevent a re-occurrence of this non-compliance.

In September a technical meeting was held between SEPA, DSRL and its appointed consultants to discuss proposed changes in the internal management of the LLWF by DSRL, groundwater monitoring and updating the Environmental Safety Case.

## **Site End State**

In September SEPA and DSRL held a meeting to discuss the structure of the Dounreay Site Wide Environmental Safety Case. SEPA are content that DSRL proposal as presented at this early stage are consistent with regulatory expectations.

## **Non-Nuclear Site Regulation**

Nothing to report.

### **Planning**

SEPA has received copies of DSRL Phase 3 planning application Environmental Statement and will be providing feedback to The Highland Council in due course.

### **Vulcan**

Nothing to report.

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