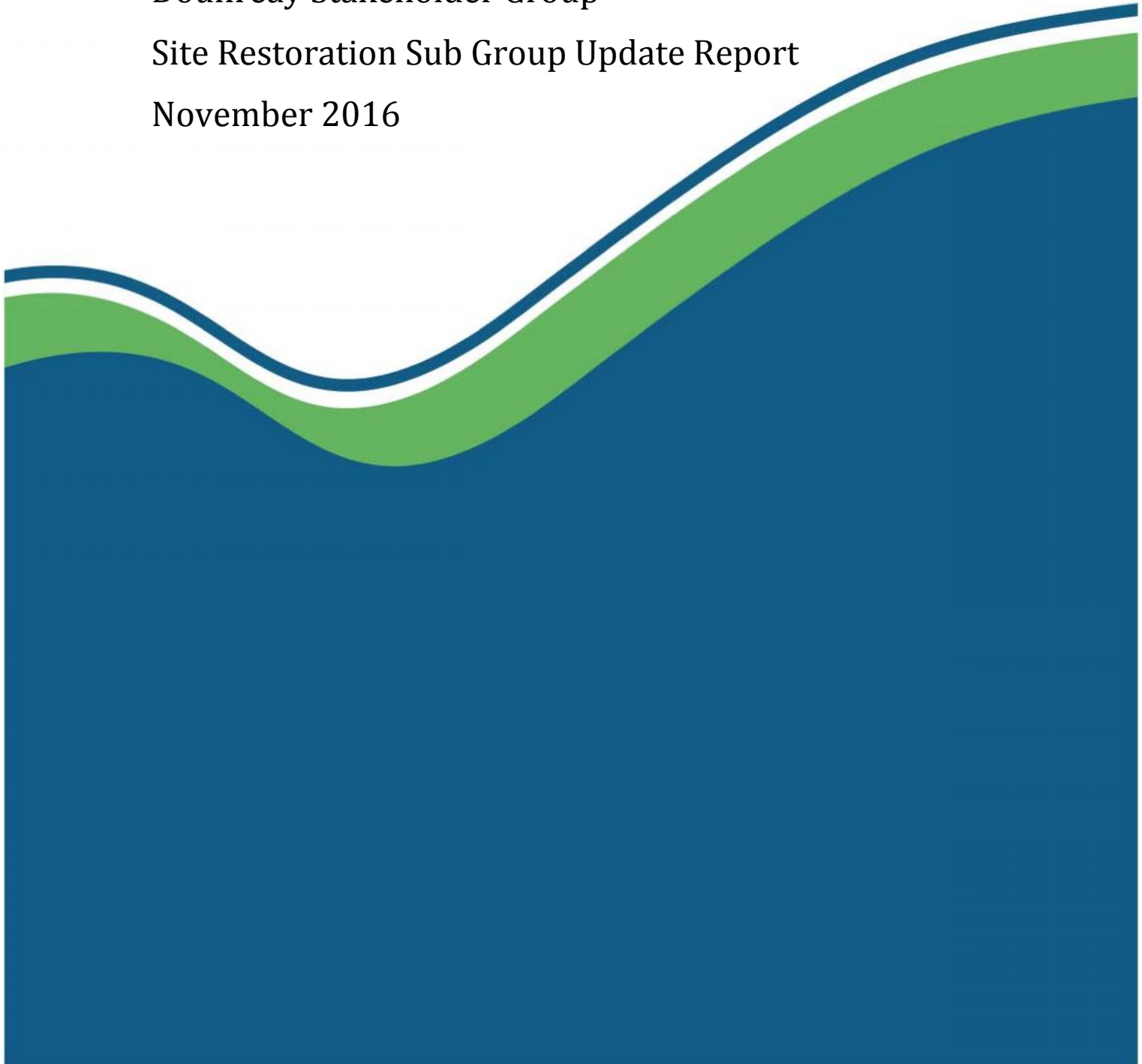


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Dounreay Stakeholder Group
Site Restoration Sub Group Update Report
November 2016



Site Inspection Work & RSA Compliance

Since the last sub-group meeting SEPA has undertaken a number of visits to the Dounreay site looking at the following areas of regulatory interest.

During July SEPA inspected DSRL management arrangements relating to the disposal of solid Low Level Waste. In August SEPA undertook a further compliance inspection of aspects of DSRL's arrangements for management of radioactive waste, in particular how the site looks in an integrated way at waste streams and disposals expected from current and future operations (solid, liquid and gaseous) along the application of BPM. Shortfalls were identified in DSRL's arrangements for the integrated management of future gaseous discharges and a forward action left with DSRL to address this shortfall.

SEPA concluded its investigation into the unmonitored Krypton-85 discharges during August, and determined to issue DSRL with a Final Warning Letter in relation to this incident.

During September members of SEPA's Regulatory services and hydrogeologists met with DSRL to discuss future arrangements for monitoring of Landfill 42 and to review DSRL arrangements for quality checking of labs results. SEPA also undertook an inspection of DSRL's arrangements for Higher Active Waste management as a joint inspection with ONR.

SEPA received a report from DSRL that increased water levels had been noted in the Wet Silo by shift staff on 7th September. The source of the water was identified and isolated by DSRL the following week. SEPA's investigation into this incident is ongoing and will be further reported at a future meeting.

In October SEPA participated in DSRL Reactors Level 4 meeting and received an update from the site on the forward programme for decommissioning the Fuel Cycle Area and attended the DSRL Options assessment workshop in relation to the Old Liquid Effluent Diffuser System.

Low Level Radioactive Waste Facility

On 25th July DSRL reported to SEPA that bowing/ distortion of a lid on a HHISO container had been noted during routine operations. DSRL undertook its own investigation which highlighted to SEPA issues around an area of voidage/ ullage between the top of the grouted waste mass and the HHISO container lid. SEPA have requested from DSRL a review of its grouting practices, taking cognisance of national and international best practice and an assessment of the implications of that voidage in terms of settlement, stability and the mechanical loading on the container lids. The output from this work is expected to be provided to SEPA during December 2016 and discussions ongoing between SEPA and DSRL during the interim period.

While this programme of work is ongoing DSRL have ceased all disposals to the LLWF.

Non-Nuclear Site Regulation

During August SEPA carried out inspections of both the D2179 Encapsulation Plant and the D2700 Dounreay Cementation Plant.

SEPA are in the process of modifying the Landfill 42 Waste Management Licence to reflect better the closed status of the landfill.

Planning

Nil to Report

Vulcan

On August 30th, SEPA attended the annual spill exercise at Vulcan.

During October SEPA undertook an inspection of compliance against the Letter of Agreement arrangements at Vulcan.

Two Vulcan Licences were surrendered in October, CAR/S/103071 – STF Cooling Towers Discharge and CAR/L/1001962 – Cooling Water Discharge.

Stewart Ballantine

Radioactive Substances Policy and Nuclear Regulation Unit