



For the future of our environment

Dounreay Site Stakeholder Group

Site Restoration Sub-Group



Site Inspection Work & EASR Compliance

During the reporting period SEPA has engaged regularly with Dounreay on matters relating to ongoing projects including Waste Management, FCA decommissioning and the Shaft & Silo Waste Retrieval Project. SEPA remains content that work is progressing in a manner compliant with the requirements of EASR

In November, SEPA undertook a compliance inspection at Dounreay of the authorised gaseous discharge stack systems. NRS was found to be compliant with EASR permit conditions relating to written procedures, record keeping and discharge of radioactive waste. As a result of observations relating to the condition of external ductwork and supports and the associated inspection records, NRS was found to be non-compliant with an EASR permit condition relating to the checking of facilities and equipment. SEPA has requested further maintenance and inspection information from the site and will continue to engage with NRS on this matter. As previously reported, Dounreay had notified SEPA of a potential leak to the ground of contaminated liquid from the D2001 carbon bed filter (within the Fuel Cycle Area). NRS has provided SEPA with its investigation report and SEPA is currently considering the EASR permit compliance implications.

Variation Application

SEPA is currently determining an EASR permit variation application from NRS-Dounreay to make changes to the list of authorised gaseous outlets and remove a specified waste transfer route. The application does not request any change to current discharge limits.

Low Level Radioactive Waste Facility

SEPA continue to engage with the LLWF team on a regular basis and are content that the facility continues to operate in a compliant manner.

A compliance inspection was undertaken in October 2024 looking at conditions related to maintenance of records and training of staff. The site was found to be compliant with the requirements of EASR.

In November 2024 a further compliance inspection was undertaken looking at conditions related to waste acceptance, review of the environmental safety case, contingency arrangements, management plans, monitoring and evaluation of groundwater monitoring data and arrangements for sampling and recording of environmental monitoring data.

Non-Nuclear Site Regulation

Nothing to note.

Vulcan

SEPA continue to engage with Vulcan on updates to its gaseous discharge records and underpinning evidence to support the data.

Vulcan Non-Nuclear Site Regulation

SEPA received the following updates from site;

CAR/S/1186536 - Boiler Blowdown

Confirmation that a second acid dosing pump, probe and stirrer was installed in August 2024.

CAR/L/1001963 – Sewage

Confirmation that installation of the replacement flowmeter system will take place in Q1, 2025.

Stewart Ballantine

Radioactive Substances Unit

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