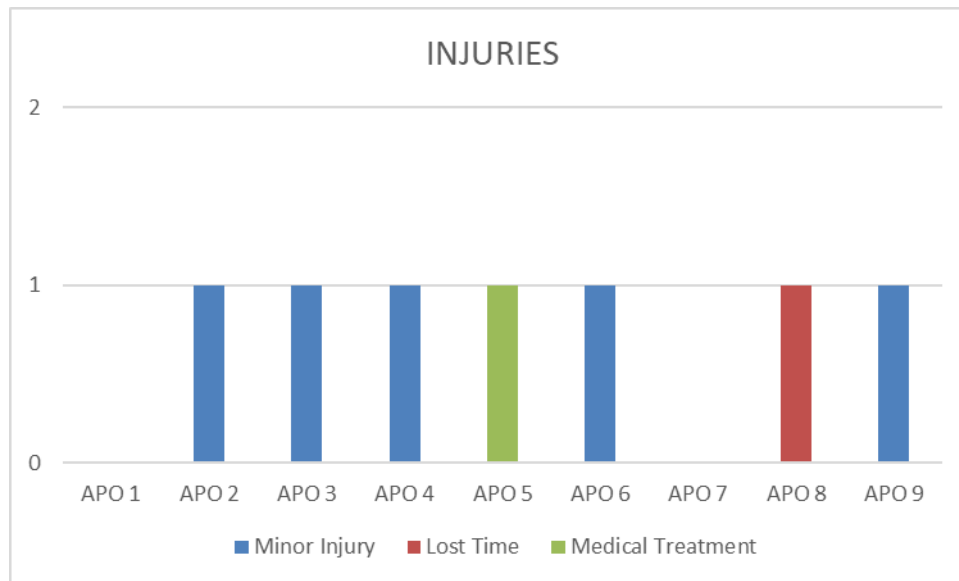


VULCAN NRTE Report to the DSG – October 2025



Health and Safety -

Since last report to the DSG subgroup in June, Vulcan has had one lost time accident and 1 minor injury.

- **AP08** – The Lost time injury was an apprentice who cut his finger on some swarf and subsequently received 3 stitches at hospital.
- **AP09** – Whilst opening a gate a person received a cut to their forearm, the injured person received first aid treatment on site.

Environment

One SEPA reportable event occurred during this period; during routine maintenance it was discovered that there was a minor oil leak between the diesel generators daily use tank and the underground storage tank. SEPA have been informed and have taken no regulatory action. Remedial works have been undertaken with respect to the pipe defect and approximately 5m³ of contaminated earth has been excavated and segregated ready for disposal.

At the previous meeting it was briefed that the sewage flowmeter was recording incorrectly, the anomalies led to recording of readings that were too high although the volumes remained within the limits specified in our discharge licence. The flowmeter has now been recalibrated to account for these effects.

Work continues to resolve the other non-conformances discovered during the internal review of the conventional discharge permits. A site advisory report is being finalised which will inform engagement with SEPA regarding updating the licences to reflect corrected grid references, and a change to the boiler effluent discharge limit. This discharge limit is being changed to allow more flexibility around boiler maintenance, and we do not expect the total volume of discharge over a year to change. SEPA have been engaged to ensure that the proposed discharge limits are acceptable.

The Pollution Prevention and Control Permit for our Medium Combustion Plant has been received and the Site Boilers have now been re-commissioned following the planned maintenance and are now operational for this coming winter.

Radioactive Waste Disposal

There have been no challenges to the Approval of Arrangements (AoA) limits during this period.

At the end of August 2025, the annual rolling discharge (expressed as a percentage against the maximum detailed in the SEPA letter of agreement) was:

	Type	Percentage
Gaseous	Noble Gases	0%
	Other radionuclides not specifically listed, taken together.	2.9%
Liquid	Cobalt 60	0.01%
	All other radionuclides not specifically listed, taken together.	0.0113%
	Tritium	0.0001%
Solid	No of Drums sent to date	196 Drums

Vulcan continues to transfer drums containing solid Low-Level Waste (LLW) to Dounreay with 71 drums being transferred during the last reporting.

Work continues to: (a) produce a new reporting tool, (b) review the gaseous discharge sampling methodology, and (c) review and correct historic discharge records. The new reporting tool has completed development, and we have begun the data entry stage of the review of historic discharge records. We intend to share the first batch of these results with SEPA in October alongside an update on our progress so far.

We continue to progress the assessment of the activities required to be fully compliant with the new EA(S)R 18 style permit which is due to replace our current RSA 93 style permit.

Site Programme

The Data collection phase of the site programme continues as scheduled. Along with this work, we continue with the development of the processes and equipment required for the next phase of operations.

Events

Since the last meeting, no events have occurred that required reporting to DNSR or ONR, in accordance with their **mandatory** reporting criteria.

Emergency Arrangements

LONESTAR 25 demonstration exercise has been conducted, this was a Level 2 exercise demonstrating the off-site plan. The exercise was an adequate demonstration of our AC11 compliance arrangements. The exercise report has been received with 5 learning points identified and 3 of these relate to how we conduct the exercise. These learning points will be reviewed and addressed through our normal process.

We successfully undertook our security demonstration exercise early on Wednesday 3 September, apologies to those who were disturbed by sounding of the alarms and other noises from the exercise, your forbearance is very much appreciated. I am sure you understand the importance of testing the security arrangements at different times.

Regulatory Inspections / Audits

The site has conducted its Annual Review of Safety with DNSR Hd in attendance, this was a successful review, and we have received some salient points to be taken forward.

The scheduled Fire Safety audit by Defence Fire Safety Regulator (DFSR) was completed as planned and whilst we await the formal report the verbal debrief did not raise any significant concerns or non-conformances. Indeed, the Regulator was impressed by the close working relationship of MoD and Rolls-Royce (and the benefit to safety this brings) and the willingness of all the workforce to engage with them.

Vulcan Decommissioning Programme

The Site continues with the hazard reduction programme, identifying and removing redundant equipment from site. We held a visit by the Submarine disposal team to discuss the transfer of equipment to Rosyth for reuse on this project.

Other

Following the ceasing of the MoD telephone operator service, we have procured an “Auto Attendant” digital operator. This will allow callers from off-site to contact staff on-site, which is important from a business perspective. Though direct calls through Skype and MS Teams were always available.

Vulcan supported Day 1 of the Charity field gun pull by military v cancer (John O’Groats to Lands’ end). I would like to extend my thanks for all those that have or are supporting this event (currently week 5 and somewhere between Kendal and Middlewich).

I Walker
Commander Royal Navy
Naval Superintendent Vulcan