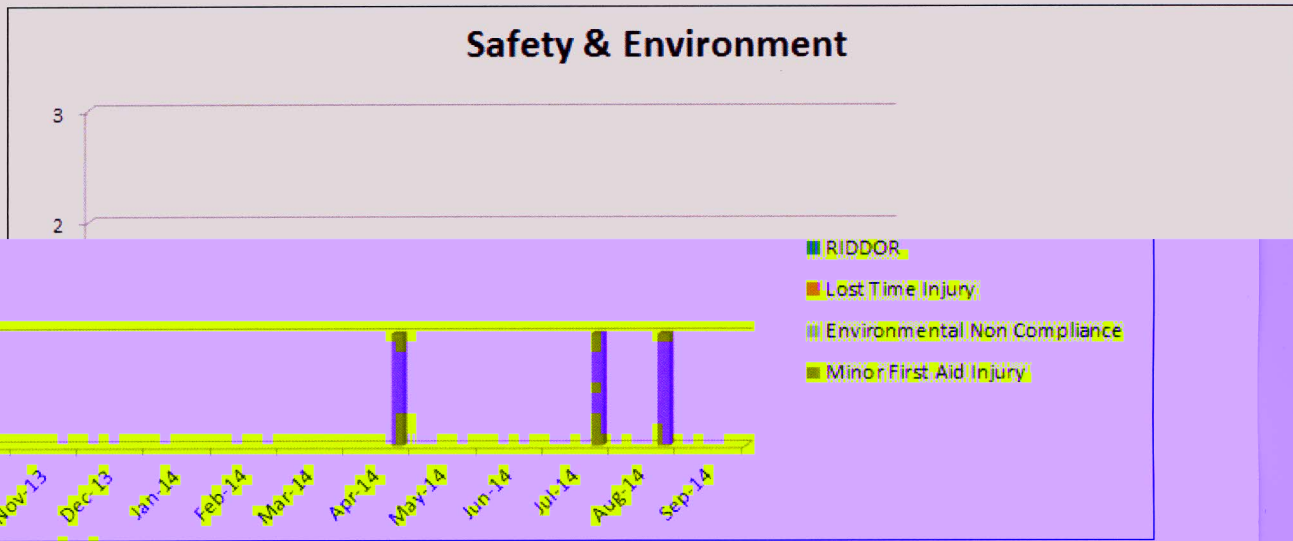


**VULCAN Naval Reactor Test Establishment Report to DSG dated 21 Oct 2014**

**Health, Safety & Environmental Performance**



**Health and Safety**

No Lost Time Accidents since 1<sup>st</sup> October 2010 (1460 days as at 21 October 2014)

No RIDDOR reportable incidents.

Behavioural Safety Roadshow on Reducing Error and Influencing Behaviour was carried out on 19<sup>th</sup> September 2014. A further two sessions are scheduled.

Nuclear Propulsion Operating Standards presentation on safety culture was delivered to site by Cdr M O'Toole on 14<sup>th</sup> October 2014.

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## Shore Test Facility Programme

The MOD has completed a review of the benefits of critical operations at the Shore Test Facility (STF) in support of the validation of the safety justification of current and future submarine reactor cores and intends to operate STF until late 2015. Since the last meeting no Events have occurred that required reporting to ONR or SEPA in accordance with their respective mandatory reporting criteria.

## Radioactive Waste Disposal

The current percentage level of discharge against the maximum detailed in the SEPA letter of agreement at end Sep 14 was:

Type	Percentage
Gaseous Noble Gases	8.7%
Beta Particulate	23.5%
All Beta emitting Radionuclides	3.8%
Tritium	19.63%
Other Radionuclides	0.006%

## Inspection / Audit Programme

The table below outlines the current programme of audits for the next 6 months

Year	Month	Auditor	Audit/Subject
2014	November	ONR	Conventional Health & Safety Inspection
2014	November	DNSR	Emergency Planning & Response n Authorisation Condition 36 (Organis and Internal Assurance arrangements)
2014	November	ONR	HEPPIR inspection (continuation).
2014	November	ONR	Deputy Chief Inspector (Defence Programme) Programme Review.

## Vulcan Defuel and Decommissioning Programme

As presented to the DSG in Dec 12 and updated in Jul 13, the Vulcan Defuel and Decommissioning Programme is currently in the assessment phase. The possible options for Vulcan's future range from placing the prototype facilities into care and maintenance through to decommissioning of the site and termination of the lease with the Nuclear Decommissioning Authority. The assessment phase is expected to report in 2016 and will make recommendations to Ministers on the future of the site. Ministers announced in November 2011 that a PWR 3 prototype reactor core at Vulcan NRTE was not required. The Defence Secretary has asked the MOD Chief

Scientific Adviser (CSA) to revisit this decision and the review team are currently finalising the report, which will go to CSA ahead of a formal submission to the Defence Secretary. The future prototype report will be considered as part of the assessment phase.

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K A Dyke  
Commander Royal Navy  
Naval Superintendent Vulcan