



Naval Base Commander Clyde

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Mrs Isabelle Watson
SEPA Ayr Office
31 Miller Road
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NBC/02/04/02

22 May 2019

Dear Isabelle,

Application for Approval to Dispose of Radioactive Waste from HMNB Clyde

HMNB Clyde's updated application to dispose of solid, liquid and gaseous radioactive waste is submitted at the Enclosure for SEPA determination. Operational experience and better understanding of waste generation from across the Defence Nuclear Enterprise has been used to inform the submission and to ensure that it includes all potential radioactive waste streams that could be generated at Faslane or Coulport.

In assessing future requirements, HMNB Clyde has carefully considered the application of Best Practical Means (BPM) to activities at Faslane and Coulport and arrangements for waste disposals to reflect the following:

- a. Replacement of the current solid and liquid radioactive waste facilities at Faslane by a new combined treatment and disposal facility, the Nuclear Support Hub (NSH).
- b. Transfer of solid low-level waste and liquid waste arisings directly from Coulport to the NSH for processing and ultimate disposal.
- c. Treated liquid radioactive waste will be discharged from the NSH at a point approximately 1km north of the current discharge point. Proposed annual limits for liquid waste disposals to the Gare Loch have, where practical, been reduced and updated to reflect best practice with Carbon-14 reported separately.
- d. Proposed annual limits for gaseous radioactive waste disposals from Coulport have been reduced and specific numerical limits applied to the NSH.

The predicted doses to the representative individual for all discharges is significantly below the threshold for optimisation of 20 μ Sv per year. Environmental monitoring will continue to be undertaken to demonstrate that there is no radiological hazard to any member of the public from the discharges of radioactive waste from HMNB Clyde.

If you have any additional questions or require further clarification do not hesitate to contact Mr Stephen Kelly, my Radioactive Waste Advisor.

D J M Doull ADC
Commodore Royal Navy
Naval Base Commander

Enclosure:

1. Application to SEPA for an Approval to Dispose of Radioactive Waste from HMNB Clyde, Issue 1.1, Feb 2019.

Copy to:

David Langbridge (DNSR-Hd)
Capt Chris Bull (NBCC CBS)
Stephen Kelly (BRPA)

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