

**Scottish Environment Protection Agency
Report to the Chapelcross Stakeholders' Group
December 2018.**

Radioactive Substances Act 1993

Inspection

SEPA inspected the procedures for the operation and maintenance of ventilation systems across the site on the 18th October. The inspection found that the site had robust procedures in place and could justify the approach to the design, operation, monitoring and maintenance of their ventilation systems.

Other Regulatory Interactions

SEPA has been in frequent contact with the Chapelcross site regarding their investigation of a contamination event associated with the transportation of elbows from the Heat Exchanger Top Ducts to Cyclife's facility at Nyköping in Sweden for treatment. We have liaised with the ONR (regulators for the accumulation and transport of the elbows) and the EA (regulators of Cyclife and the trans-frontier shipment of the waste to Sweden) to understand what regulatory concerns they might have.

SEPA's regulatory interest is focused on the on-site management of the elbows at Chapelcross prior to their disposal as well as the site's ability to demonstrate compliance with the Waste Acceptance Criteria of the receiving site and the making of true and accurate records.

SEPA is confident that there have been no radiological risk to the public or the environment associated with this event. However we have concerns that Magnox Ltd did not adhere to its own procedures for the storage of bulk items on site and did not dispose of the elbows in a timely fashion. This had resulted in the ingress of a small volume of water into one of the elbows where it became radiologically contaminated.

SEPA will be writing to the site in the near future regarding this event in terms of compliance with the conditions of the site's Authorisation and the management of radioactive waste generated on the site.

SEPA has issued the Chapelcross site with a variation to their Authorisation. The variation relates to the inclusion of 2 additional nominated stacks and associated gaseous radioactive waste discharge annual sub-limits to the Authorisation. These are required to support the site's hazard reduction projects through the retrieval, conditioning and packaging of Intermediate Level Waste (ILW) prior to its storage on site, in an interim storage facility (ISF), in accordance with Scottish Government Policy on Higher Activity Waste.