

3.11 SOLID RADIOACTIVE WASTE

Applicability

Applies to the processing of radioactive solid waste prior to shipment from the site.

Specification

3.11.1 Solid Radioactive Waste

- a. The solid radwaste system shall be operable and used as applicable in accordance with a PROCESS CONTROL PROGRAM for the solidification and packaging of other solid radioactive wastes to ensure meeting the requirements of 10CFR Part 20 and of 10CFR Part 71 prior to shipment of containers of radioactive wastes from the site.
- b. If the requirements of 10CFR Part 20 and/or 10CFR Part 71 are not satisfied, suspend shipments of defectively packaged solid radioactive wastes from the site.
- c. If the solid radwaste system is inoperable for more than 31 days, in lieu of any other report required by Specification 6.6.2, a report shall be submitted within 30 days to the regional NRC Office of Inspection and Enforcement which includes the following:
 1. Identification of the inoperable equipment or subsystem and the reason for inoperability,
 2. Action(s) taken to restore the inoperable equipment to OPERABLE status,
 3. A description of the alternative used for SOLIDIFICATION and packaging of radioactive wastes, and
 4. Summary description of action(s) taken to prevent a recurrence.
- d. The solid radwaste systems shall be demonstrated operable at least once per 92 days by:
 1. Operating the solid radwaste system at least once in the previous 92 days in accordance with the PROCESS CONTROL PROGRAM, or
 2. Verification of the existence of a valid contract for SOLIDIFICATION to be performed by a contractor in accordance with a PROCESS CONTROL PROGRAM.

3.11.2 Process Control Program

The Process Control Program shall be used to verify the SOLIDIFICATION of at least one representative test specimen from at least every tenth batch of each type of wet radioactive waste (e.g., filter sludges, spent resins, evaporator bottoms, boric acid solutions, and sodium sulfate solutions).