

D14. SLUDGE COLLECTION AND FILTRATION SYSTEM

The continuing escalation of burial cost for radioactive waste has presented a serious challenge to the nuclear community. One of the components of burial waste include depleted filter cartridges. The new Sludge Collection and Filtration System has been developed to help reduce this volume of waste. the system is designed to contain more sludge volume and provide longer life than standard cartridges. the system is operated underwater in a fuel pool, torus, suppression pool, cavity, or in specialized underwater cutting operations and decommissioning projects.

The strainer basket and each of the four filter assemblies of the system can also be readily removed from their housings while underwater with special underwater tooling. This minimizes the potential for release and spread of contamination, and the exposure of operating personnel to high radiation fields.

For more, "Sludge Collection and Filtration System," by TRI Nuclear Corp. For more information, contact TRI Nuclear Corp., P.O.Box 1130, Ballston Lake, NY 12019, Tel:(518)399-1389.