

5.1.7 Storage of Radioactive Waste and Conditioned Waste Packages

This NE Series document will integrate safety and technical information on technologies for storage of radioactive waste and conditioned waste packages including high level, alpha bearing, low and intermediate level liquid waste and bulky waste that is required to be stored during implementation of pre-disposal waste management steps. It will also integrate information on storage of waste in final disposal ready form or conditioned waste packages. The new publication will supersede 8 IAEA technical documents, namely TECDOC-1518, TECDOC-1371, TECDOC-1145, TRS-390, TECDOC-806, TECDOC-776, TECDOC-653, TRS-229 and TRS-135 published in period from 1983 to 2006 into one consistent handbook on the subject matter for designers, operators and regulators. The objective of this document is to provide state of the art guidance to MS, to align technical information with safety assessment needs, to provide operating experience and lessons learned and to have adequate basis for development of training material required for technology transfer to less developed Member States.

The new publication should be prepared in period from 2010-11 and implemented to Member States as training material for technology transfer in 2012/13. Responsible officer is Mr. Zoran Drace (Z.Drace@iaea.org).

The following documents (titles and numbers in the table below) are proposed to be consolidated, updated and organized as a NE Series document:

Sl. no.	Report No.	Yr	Report Title
1	TECDOC-1518	2006	Retrieval of fluidizable radioactive wastes from storage facilities
2	TECDOC-1371	2003	Selection of efficient options for processing and storage of radioactive waste in countries with small amounts of waste generation
3	TECDOC-1145	2000	Handling, conditioning and storage of spent sealed radioactive sources
4	TRS-390	1998	Interim storage of radioactive waste packages
5	TECDOC-806	1995	Reference design for a centralized spent sealed sources facility
6	TECDOC-776	1994	Reference design for a centralized waste processing and storage facility
7	TECDOC-653	1992	Storage of radioactive wastes
8	TRS-229	1983	Handling and storage of conditioned high level wastes
9	TRS-135	1972	Storage tanks for liquid radioactive wastes: Their design and use