

Waste Classification Schemes

Country: CANADA

Reporting Year: 2005

Waste Class Matrix: **IAEA Def.**

This country does use the IAEA Scheme: No

Description: The Agency's standard matrix

Waste Class Name	Distribution %		
	LILW-SL	LILW-LL	HLW
LILW-SL	100.0	0.0	0.0
LILW-LL	0.0	100.0	0.0
HLW	0.0	0.0	100.0

Waste Class Matrix: **NRCan**

Description: Radioactive waste is grouped into three categories: nuclear fuel waste, low-level radioactive waste (LLW), and uranium mill tailings. Since fuel and tailings are outside of the NEWMDB scope, only LLW will be reported. The % cited are a first order estimate and will be updated in a future submission. Please refer to the comment that is included for this matrix.

Waste Class Name	Distribution %		
	LILW-SL	LILW-LL	HLW
LLW	0.0	100.0	0.0
NuclearFuel	0.0	0.0	100.0
Tailings	0.0	100.0	0.0

Comment **# 7426: Waste Classification in Canada**

The classification of radioactive waste in Canada is described in the report "Inventory of Radioactive Waste in Canada", issued in 2004 by the Low Level Radioactive Waste Management Office (LLRWMO); publication LLRWMO-01613-041-10001

The definition of LLW is based on exclusion. It is all radioactive waste that is neither spent fuel nor uranium mill tailings. Therefore, LLW includes items ranging from very low activity waste from research facilities, hospitals and universities up to highly active waste such as ion exchange resins from reactor liquid clean up systems, irradiated reactor core components and CANDU "retubing" waste.

Historic waste is LLW that was managed in the past in a manner no longer considered acceptable but for which the owner cannot reasonably be held responsible and for which the federal government has accepted responsibility.

Attachment **#1011: Waste Matrix**

Inventory_Report_2004.pdf

Inventory of Radioactive Waste in Canada (2004)

This report presents the inventory of radioactive waste in Canada to the end of 2003. It provides an review on the production, accumulation and projections of radioactive waste in Canada.

Definition of «unprocessed waste» and «processed waste»:

This country uses the following definitions:

	as-generated waste	processed for handling	processed for storage	processed for disposal
Unprocessed means:				
Processed means:				