

Waste Classification Schemes

Country: FINLAND

Reporting Year: 2008

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: **FIN_RADW**

Yes

Description: Reactor wastes include solid and liquid waste arising from the controlled area of a nuclear power plant, see Comment #104. The portion of ILW is overestimated, especially what comes to disposed reactor waste.

Waste Class Name	Distribution %			
	VLLW	LLW	ILW	HLW
reactor waste	0.0	99.0	1.0	0.0
spent fuel	0.0	0.0	0.0	100.0

Comment **# 104: basis of the classification for reactor wastes**

The classification of reactor wastes used in Finland is given in Safety Guide 8.3, where the reactor wastes are divided into low level and intermediate level waste categories (<http://www.stuk.fi/saannosto/YVL8-3e.html>.) According to national laws, spent fuel is classified as waste but is not reported here. At the Loviisa site, wet reactor wastes are stored waiting for disposal starting in a few years. Long-lived reactor waste is mainly activated metal waste. Safety Guide 1.5 concerns on reporting.

Waste Class Matrix: **FIN_RADW2**

Yes

Description:

Waste Class Name	Distribution %			
	VLLW	LLW	ILW	HLW
LILW	0.0	100.0	0.0	0.0
spent fuel	0.0	0.0	0.0	100.0

Waste Class Matrix: **FIN_RADW3**

Yes

Description:

Waste Class Name	Distribution %			
	VLLW	LLW	ILW	HLW
small user waste	0.0	90.0	10.0	0.0

Comment **# 335: Meaning of the term**

"Small user waste" term includes some SRS and some contaminated material. The small user wastes are managed by the government and so far kept in a cave. It is planned to dispose them together with reactor waste.

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

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This country uses the IAEA standard definition:

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