

Waste Classification Schemes

Country: FINLAND

Reporting Year: 2013

Waste Class Matrix: **IAEA Def.**

This country does use the IAEA Scheme: No

Description: The Agency's standard matrix

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

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

The classification of reactor wastes in Finland is given in the Safety Guide YVL 8.3, where the reactor wastes are divided into low level and intermediate level waste categories (<http://www.edilex.fi/stuklex/en/lainsaadanto/saannosto/YVL8-3>). The boundary between LLW and ILW is 1 MBq/kg. In the definition of the boundary value the further handling of the waste is taken into account (radiation protection and selection of the disposal facility). The boundary value is not in accordance with GSG-1. It can be estimated that when using the definitions from GSG-1, the amount of ILW is approximately 1 % of the waste volume. ILW is mainly activated metal waste.

According to national laws, spent fuel is classified as waste but is not reported here.

Waste Class Matrix: **FIN_RADW2**

Yes

Description:

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

Waste Classification Schemes

Country: FINLAND

Reporting Year: 2013

Waste Class Matrix: **FIN_RADW3**

Yes

Description:

Waste Class Name	Distribution %		
	LILW-SL	LILW-LL	HLW
small user waste	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.

Waste Class Matrix: **National**

Yes

Description:

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
LILW	0.0	100.0	0.0	0.0
Small user waste	0.0	90.0	10.0	0.0

Comment **# 30818:**

National profile

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:	x			
Processed means:		x	x	x