

Waste Classification Schemes

Country: UKRAINE

Reporting Year: 2012

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: **Ukraine**

Yes

Description: Low-Active Radioactive Waste:
 For alpha emitters: 1E-1 - 1E+2 kBq/kg;
 Transuranic: 0,1 kBq/kg;
 Other alpha emitters: 1 kBq/kg;
 For beta, gamma emitters: 1E+1 - 1E+4 kBq/kg.

Mid-Active Radioactive Waste:
 For alpha emitters: 1E+5 - 1E+8 kBq/kg;
 Transuranic: 0,1 kBq/kg;
 Other alpha emitters: 1 kBq/kg;
 For beta, gamma emitters: 1E+3 - 1E+6 kBq/kg.

High-Active Radioactive Waste:
 Thermal power above about 2 kW/m³.

Waste Class Name	Distribution %		
	LILW-SL	LILW-LL	HLW
Mid-Active	99.0	1.0	0.0
Low-Active	99.0	1.0	0.0
High-Active	0.0	0.0	100.0

Comment **# 148: % in the matrix**

% in the matrix were based on preliminary data of State RW inventory, which was held in 1999.

Comment **# 149: Classification scheme**

This classification scheme is required by a regulation "Main Sanitary Rules of Radiation Protection", SSR 6.074.120-01, Kiev, 2001

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	x		
Processed means:			x	x