

Waste Classification Schemes

Country: KOREA, REPUBLIC OF

Reporting Year: 2007

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: **KOR**

Description: The Enforcement Decree of the AEA defines high-level radioactive waste (HLW) as radioactive waste with radioactivity concentration and heat generation over the limit value specified by the MEST. In strict, others than HLW belong to the LILW in accordance with the AEA.

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

Comment **# 17630: Waste Matrix KOR**

The Enforcement Decree of the AEA defines high-level radioactive waste (HLW) as radioactive waste with radioactivity concentration and heat generation over the limit value specified by the MEST. In strict, others than HLW belong to the LILW in accordance with the AEA. The limiting values on radioactivity and heat generation rate are specified in the MEST Notice No. 2008-31 (Standards on Radiation Protection, etc.) as follows:

- radioactivity : > 4,000 Bq/g for alpha-emitting radionuclide having a half life longer than 20 years
- heat generation rate : > 2 kW/m³

Attachment **#1583: Waste Matrix**

classification.doc

Definition and classification of radioactive waste in accordance with the Atomic Energy Act

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

This country uses the IAEA standard definition:

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