

Waste Classification Schemes

Country: FINLAND

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: **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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Is not defined