

Site (Data) : NPP EBO

Stock of waste as at December 2004

Country: SLOVAKIA

Reporting Year: 2004

Site Name: NPP EBO

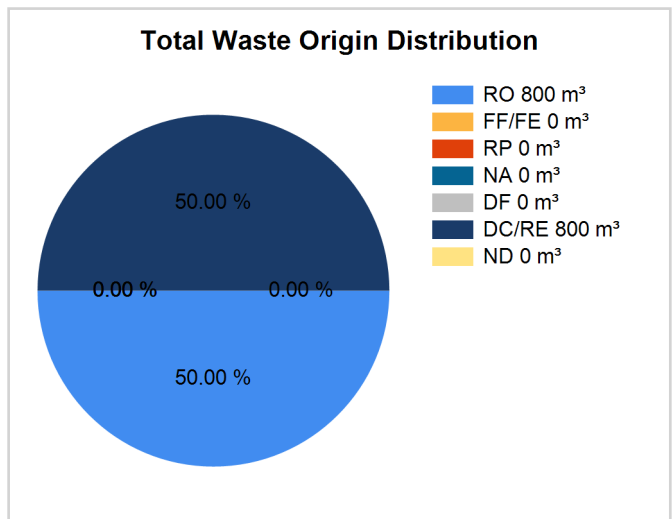
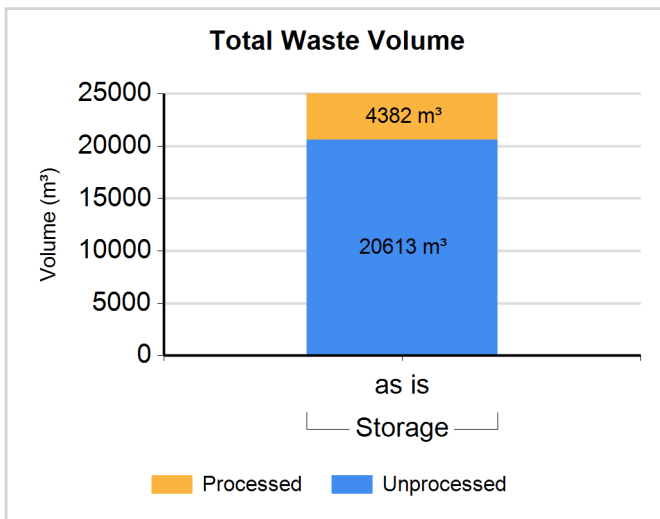
Full Name: NPP Jaslovske Bohunice

Inventory Reporting Date: December 2004

Waste Matrix Used: IAEA Def.

Waste Inventory

Est=distribution is an estimate, Proc.=Is the waste processed (Yes/No)? RO=Reactor Operations, FF/FE=Fuel Fabrication/Fuel Enrichment, RP=Reprocessing, NA=Nuclear Applications,DF=Defence, DC/RE=Decommissioning/Remediation, ND=Not Determined



Note: where volume "as dispo" is provided, volume "as is" is used in the graph instead.

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**Waste Class: LILW-SL**

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m <sup>3</sup> )	Volume "as dispo" (m <sup>3</sup> )	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LILW-SL (liquid)	Storage / NPP A-1	N	N	148.000	148.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-SL (liquid)	Storage / NPP A-1	Y	N	414.000	414.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-SL (solid)	Storage / NPP A-1	N	N	3915.000	3915.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-SL (solid)	Storage / NPP A-1	Y	N	107.000	107.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-SL (liquid)	Storage / NPP V-1	N	N	4569.000	4569.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL (liquid)	Storage / NPP V-1	Y	N	2111.000	2111.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL (solid)	Storage / NPP V-1	N	N	4815.000	4815.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL (solid)	Storage / NPP V-1	Y	N	300.000	300.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL (liquid)	Storage / NPP V-2	N	N	4403.000	4403.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL (liquid)	Storage / NPP V-2	Y	N	794.000	794.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL (solid)	Storage / NPP V-2	N	N	1381.000	1381.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL (solid)	Storage / NPP V-2	Y	N	130.000	130.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

**Waste Class: LILW-LL**

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m <sup>3</sup> )	Volume "as dispo" (m <sup>3</sup> )	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LILW-LL (liquid)	Storage / NPP A-1	N	N	402.000	402.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-LL (liquid)	Storage / NPP A-1	Y	N	36.000	36.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-LL (solid)	Storage / NPP A-1	N	N	980.000	980.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-LL (solid)	Storage / NPP A-1	Y	N	490.000	490.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00

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**Processing - Treatment method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Carbon Adsorption	N	N	Same	N
Chemical Precipitation	N	N		Y
Compaction	N	N	Decrease	N
Decontamination	N	N	Same	N
Evaporation	N	N	Same	N
Filtration	N	N	Same	N
Incineration	N	N	Increase	N
Ion Exchange	N	N	Same	N
Metal Melting	Y	N		N
Rinsing	N	N	Same	N
Size Reduction	N	N	Increase	N
Super Compaction	N	N	Increase	N
Wastewater Treatment	N	N	Same	N

**Processing - Conditioning method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Bituminization	N	N	Same	N
Cementation	N	N	Increase	N
Macroencapsulation	N	N	Same	N
Solidification	N	Y		N
Stabilization	N	Y		N
Vitrification	N	N	Same	N

**Spent Sources <=30 years in Storage**

Data available but will not be reported.

**Spent Sources > 30 years in Storage**

Data available but will not be reported.