

## Site (Data) : KRSKO NPP

Stock of waste as at December 2004

Country: SLOVENIA

Reporting Year: 2004

**Site Name:** KRSKO NPP

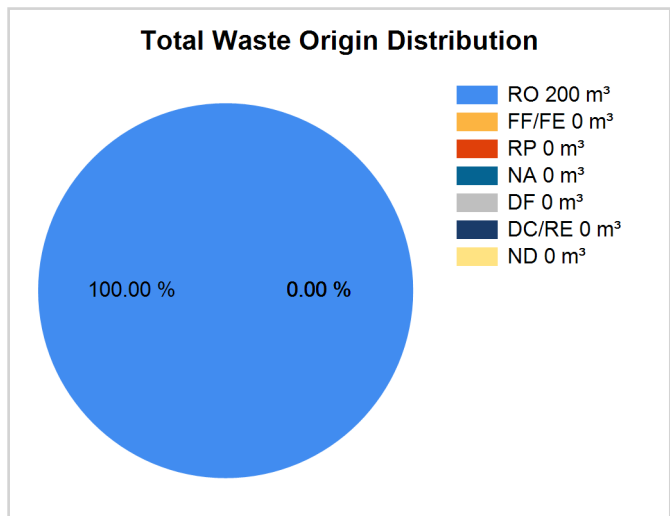
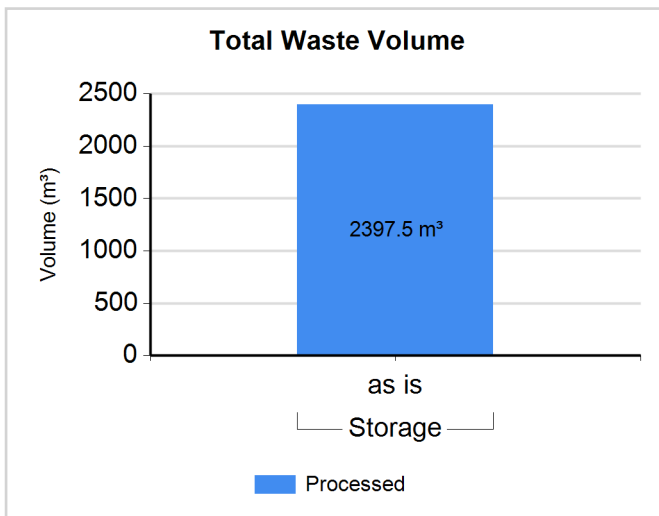
Full Name: Krsko Nuclear Power Plant

Inventory Reporting Date: December 2004

Waste Matrix Used: National

**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.

**Waste Class:** LILW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LILW	Storage	Y	N	2289.000	2289.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment # 7621: LILW inventory in NPP Krsko

For precise description of radioactive waste inventory in NPP Krsko SRSF on 31 December 2004 see attachment.

Attachment #994: Waste Class Data (Stor.)

The quantities of LILW in the NPP Krsko2004.pdf

Radioactive waste inventory in NPP Krsko on 31 December 2004.

**Waste Class:** HLW

Data available but will not be reported.

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Reporting Year: 2004

**Processing - Treatment method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Compaction	N	N	Same	N
Decontamination	N	N	Same	N
Evaporation	N	N	Same	N
Filtration	N	N	Same	N
Incineration	N	N	Same	N
Ion Exchange	N	N	Same	N
Metal Melting	Y	N		N
Segregation/Sorting	N	N	Same	N
Size Reduction	N	N	Increase	N
Super Compaction	N	N	Increase	N
Thermal Treatment (non incineration)	N	N	Increase	N

Comment # 7627: Reference:

ESD-TR-03/97 rev.2

Comment # 7628: Incineration

NPP Krsko does not have own incineration facility.

Drums with combustible waste were sent for incineration in Studsvick. There were two incineration campaigns, the first took place in 1998 and the second one in 2002.

Comment # 7629: Thermal Treatment - IDDS

The liquid radioactive wastes are mainly evaporator bottoms and spent ion exchange resins. With a special system for drying the waste (IDDS - The »In-Drum Drying System«) in the drums, the water is entirely excluded from the waste.

**Processing - Conditioning method(s)**

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