

Site (Data) : KRSKO NPP

Stock of waste as at December 2005

Country: SLOVENIA

Reporting Year: 2005

Site Name: KRSKO NPP

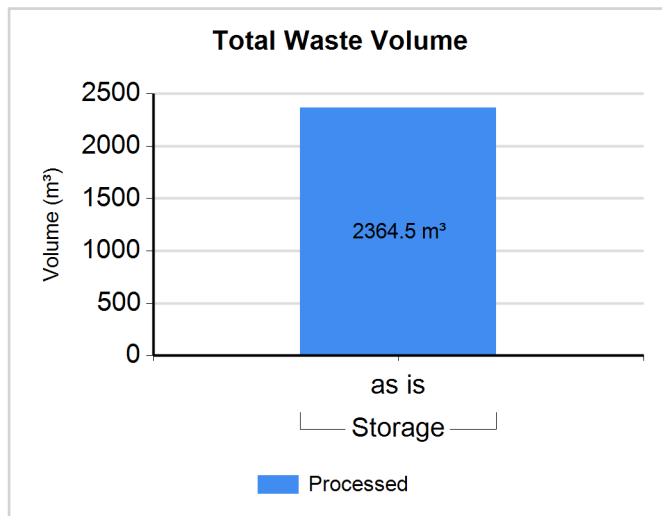
Full Name: Krsko Nuclear Power Plant

Inventory Reporting Date: December 2005

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	2256.000	2256.000	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 2005 see attachment.

Attachment #1216: Waste Class Data (Stor.)

The quantities of LILW in the NPP Krsko2005.pdf

Radioactive waste inventory in NPP Krsko on 31 December 2005.

Waste Class: HLW

Data available but will not be reported.

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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
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