

Site (Data) : Ignal-NPP

Stock of waste as at December 2004

Country: LITHUANIA

Reporting Year: 2004

Site Name: Ignal-NPP

Full Name: Ignalina Nuclear Power Plant

Inventory Reporting Date: December 2004

Waste Matrix Used: National

Comment # 404: Concrete Tanks

Concrete tanks for spent resins and evaporator concentrates (sludge)

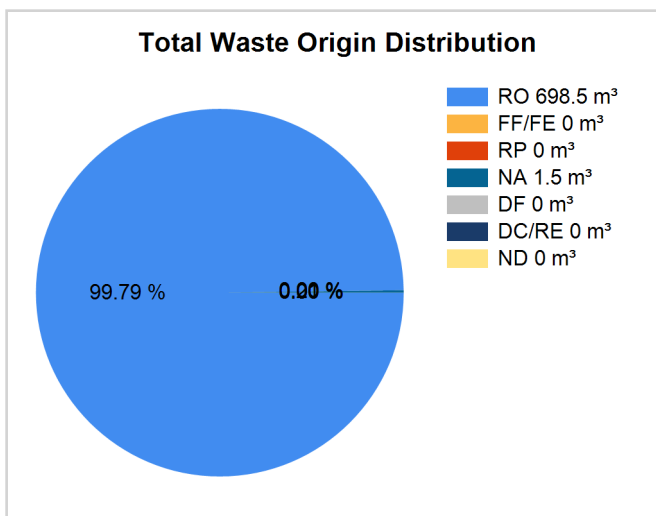
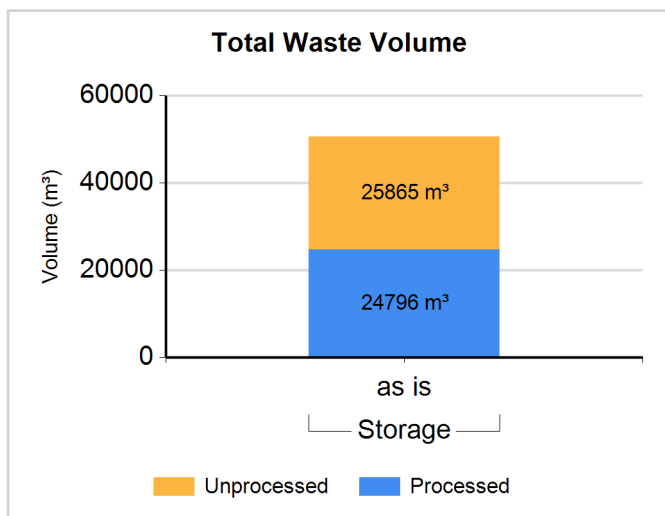
Comment # 405: SRS

Since the late 1980s SRS were shipped to INPP. Over the years, until late in 2000, the disused SRS were dumped, together with other wastes, into various storage areas of SB155/1, SB157 and SB157/1.

Beginning late in 2000, the disused SRS have been stored separately from other waste in the compartment in SB157/1 reserved for this waste. The SRS, still in their own-shielded packages, are loaded into cylindrical stainless steel containers for storage, which are then placed in the storage compartment.

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: Group-III Solid

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Group-III Solid	Storage	Y	N	762.000	762.000	99.50	0.00	0.00	0.50	0.00	0.00	0.00

Waste Class: Group-II Solid

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Group-II Solid	Storage	N	N	4444.000	4444.000	99.50	0.00	0.00	0.50	0.00	0.00	0.00
Group-II Solid	Storage	Y	N	11772.000	11772.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment # 9815: Class Group-II Solid/Site Ignal-NPP

The processed solid waste is bituminized waste.

Waste Class: Group-I Solid

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Group-I Solid	Storage	N	N	17911.000	17911.000	99.50	0.00	0.00	0.50	0.00	0.00	0.00
Group-I Solid	Storage	Y	N	490.000	490.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Waste Class: LIQUID

Data available but will not be reported.

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	Y	N		N
Evaporation	N	N	Same	N
Incineration	Y	N		N
Size Reduction	N	N	Same	N
Super Compaction	Y	N		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	Y	N		N
Grouting	Y	N		N