

## Site (Data) : Ignal-NPP

Stock of waste as at December 2005

Country: LITHUANIA

Reporting Year: 2005

**Site Name:** Ignal-NPP

Full Name: Ignalina Nuclear Power Plant

Inventory Reporting Date: December 2005

Waste Matrix Used: National

Comment # 404: Concrete Tanks

Concrete tanks for spent resins and evaporator concentrates (sludge)

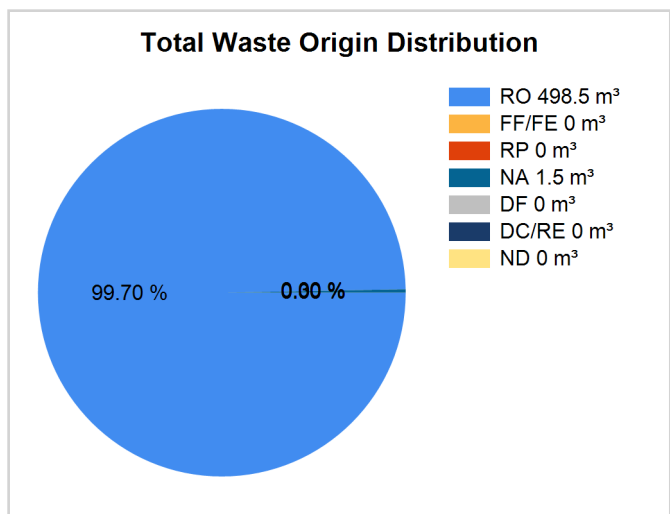
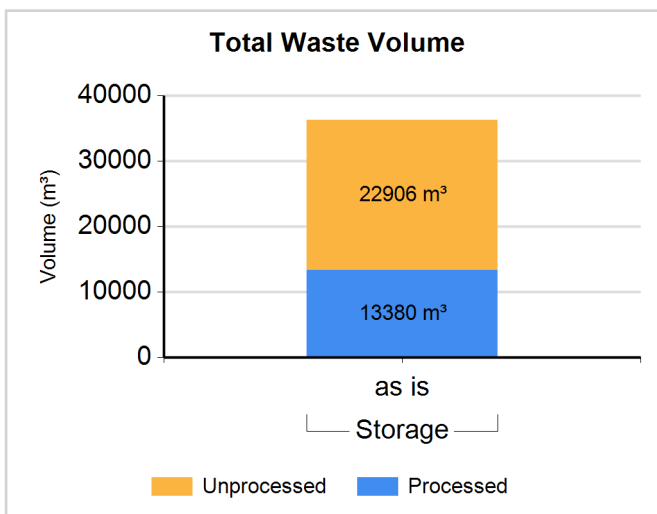
Comment # 405: SRS

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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Reporting Year: 2005

**Waste Class: Group-III Solid**

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 %
Group-III Solid	Storage	Y	N	775.000	775.000	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 <sup>3</sup> )	Volume "as dispo" (m <sup>3</sup> )	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Group-II Solid	Storage	N	N	4566.000	4566.000	99.50	0.00	0.00	0.50	0.00	0.00	0.00
Group-II Solid	Storage	Y	N	12104.000	12104.000	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 <sup>3</sup> )	Volume "as dispo" (m <sup>3</sup> )	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Group-I Solid	Storage	N	N	18340.000	18340.000	99.50	0.00	0.00	0.50	0.00	0.00	0.00
Group-I Solid	Storage	Y	N	501.000	501.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

**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