

Site (Data) : ETE

Stock of waste as at December 2009

Country: CZECH REPUBLIC

Reporting Year: 2009

Site Name: ETE

Full Name: JE Temelin

Inventory Reporting Date: December 2009

Waste Matrix Used: cz-eu

Comment # 390: NPP Temelin

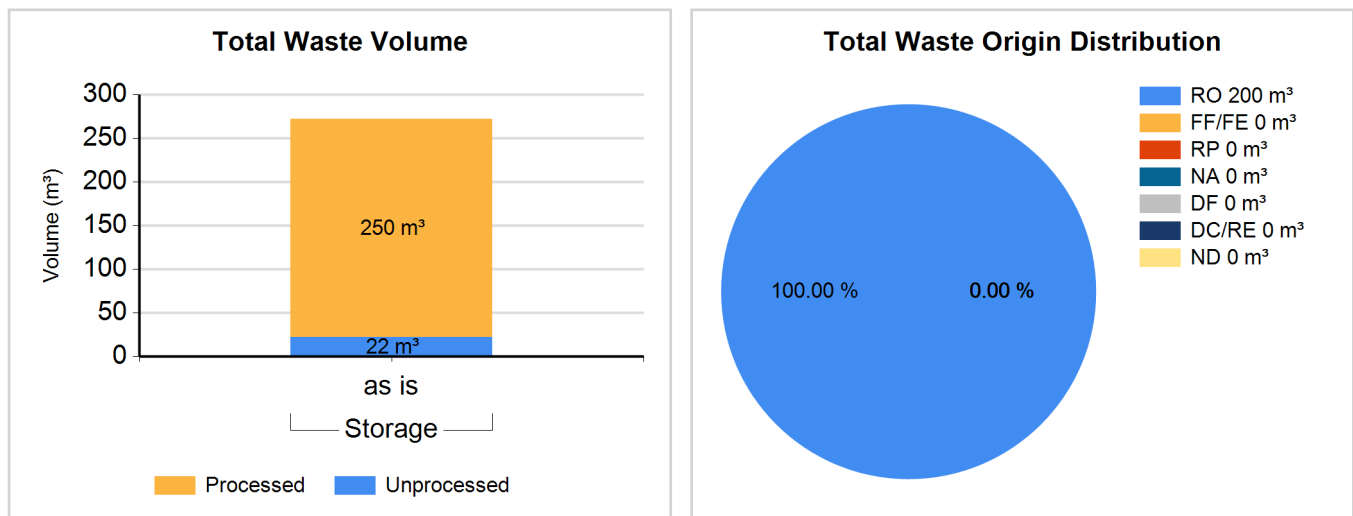
The Temelín NPP is the largest power station in the Czech Republic. 2 PWR reactors of the VVER-1000-320 type are installed with capacity of 2000 MW.

The NPP station is situated approximately 24 km north of the City of Ceske Budejovice.

The site preparation started in 1983. In 1990, the government of the CSFR decided to cease the construction on the 3rd and 4th units. Finally, in March 1993, the government of the CR decided that the 1st and 2nd VVER 1000 units should be completed only. However, the modifications and alterations further postponed the commissioning of the power station. Unit 1 was critical in October 2000. The trial operation of the Unit 1 started in July 2002. The Unit 2 was critical in May 2002. The trial operation of the Unit 2 started in April 2003.

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-SL

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-SL	Storage	N	N	22.000	22.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL	Storage	Y	N	250.000	250.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment # 4974: The additional characteristics of the waste

Processed waste covers only radioactive concentrates. Additionally 385.5 m3 of solid waste was stored in NPP Temelin in 2006, 119,2 t in 2007, 125 t in 2008, 119 t in 2009 and 109 t in 2010.

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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	Increase	N
Evaporation	N	N	Increase	N
Incineration	N	N	Increase	N
Ion Exchange	N	N	Increase	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	Increase	N
Polymerization	N	N	Increase	N