

## Site (Data) : EDU

Stock of waste as at December 2009

Country: CZECH REPUBLIC

Reporting Year: 2009

**Site Name:** EDU

Full Name: JE Dukovany

Inventory Reporting Date: December 2009

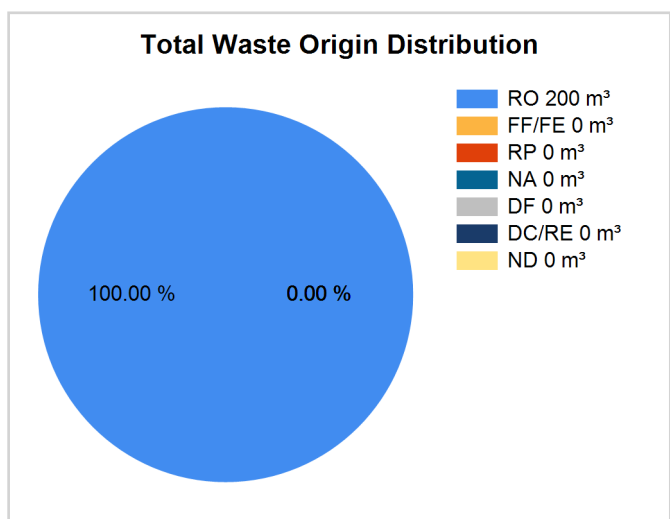
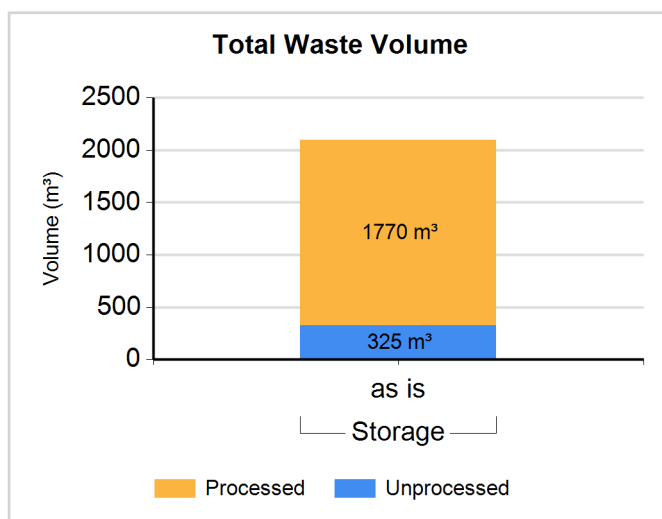
Waste Matrix Used: cz-eu

Comment # 391: NPP Dukovany

4 PWR of VVER-440-V213 type are installed. Total electrical output is 1760 MW. Physical startup of the 1 unit was in february 1985. Full commercial operation of all units started in January 1988. NPP is situated 35 km to the SW of the City of Brno.

**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 / BAPP	N	N	325.000	325.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL	Storage / BAPP	Y	N	1770.000	1770.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment # 4958: The additional characteristics of the waste

Processed waste covers only radioactive concentrates and unprocessed waste only ion exchange resins. Additionally 502,4 t of solid waste was stored in NPP Dukovany in 2006, 506,7 t in 2007, 351 t in 2008, 313 t in 2009 and 164 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	Same	N
Evaporation	N	N	Same	N
Incineration	N	N	Increase	N
Ion Exchange	N	N	Same	N
Solvent Extraction	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	Same	N
Polymerization	N	N	Increase	N