

Site (Data) : EDU

Stock of waste as at December 2010

Country: CZECH REPUBLIC

Reporting Year: 2010

Site Name: EDU

Full Name: JE Dukovany

Inventory Reporting Date: December 2010

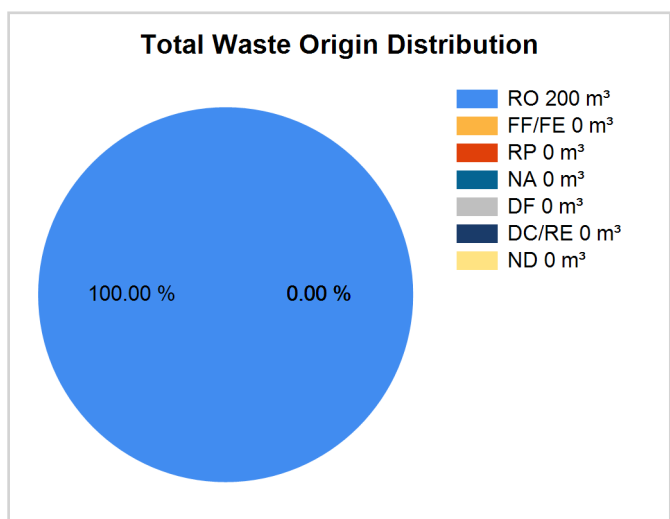
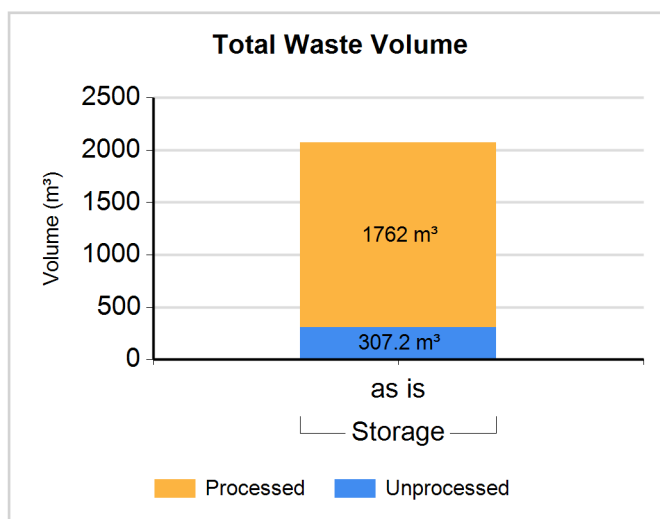
Waste Matrix Used: cz-eu

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	307.200	307.200	100.00	0.00	0.00	0.00	0.00	0.00	0.00
LILW-SL	Storage / BAPP	Y	N	1762.000	1762.000	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