

## Site (Data) : UJV Rez

Stock of waste as at December 2011

Country: CZECH REPUBLIC

Reporting Year: 2011

**Site Name:** UJV RezFull Name: UJV Rez a.s.  
(Nuclear Research Institute Rez)

Inventory Reporting Date: December 2011

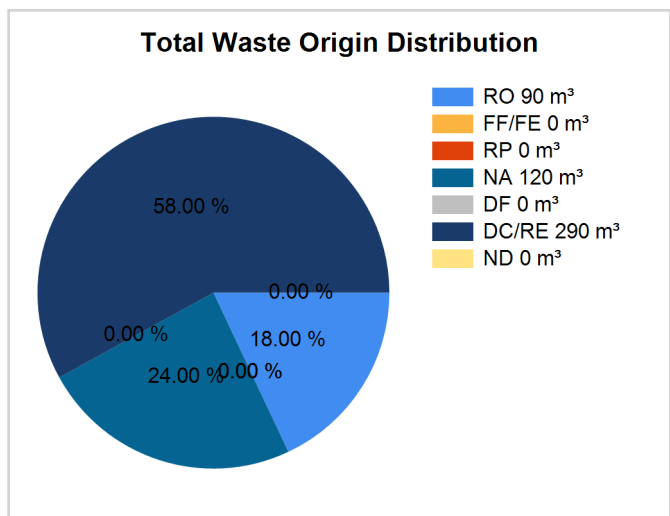
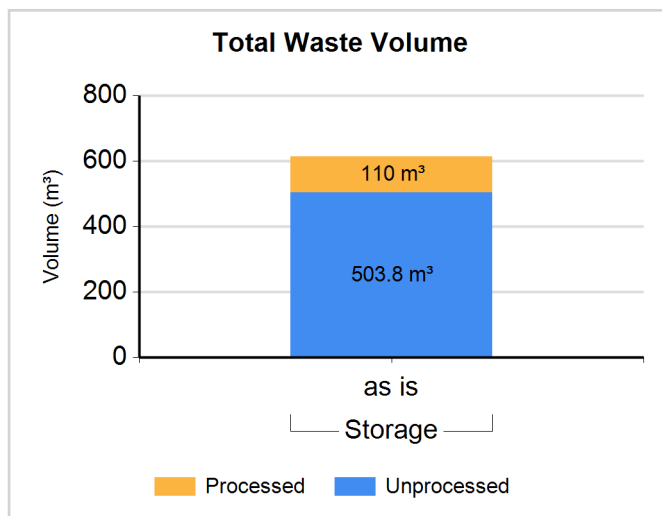
Waste Matrix Used: cz-eu

Comment # 25757: Additional storage capacities

There are two more small storage facilities in UJV Raz a. s. Both are used for the storage of operational liquid RAW. One of them, in building No. 250 (Radiochemie) consists of 7 steel tanks with max. volume of 7 x 10 m<sup>3</sup>, max. operational volume 7 x 8 m<sup>3</sup>, containing 15,1 m<sup>3</sup> of RAW (2011). The second one in building No. 211/3 (Male zbytky) is a 63 m<sup>3</sup> tank with max. operational volume of 35 m<sup>3</sup> and containing 12,0 m<sup>3</sup> of RAW (2011).

**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" (m <sup>3</sup> )	Volume "as dispo" (m <sup>3</sup> )	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LILW-SL (solid)	Storage / Cerv.skala	N	Y	162.000	162.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-SL (solid)	Storage / Prekladist	Y	Y	110.000	110.000	30.00	0.00	0.00	40.00	0.00	30.00	0.00
LILW-SL (solid)	Storage / Prekladist	N	Y	306.800	306.800	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LILW-SL (liquid)	Storage / VZ	N	Y	29.500	29.500	30.00	0.00	0.00	40.00	0.00	30.00	0.00
LILW-SL (solid)	Storage / VZ	N	Y	5.500	5.500	30.00	0.00	0.00	40.00	0.00	30.00	0.00

Comment # 17423: Waste Storage facilities/Class LILW-SL/Site UJV Re

Information on the stored inventory of unprocessed LILW-SL in VZ facility covers both liquid and solid waste.

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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
Calcination	N	Y		N
Decontamination	N	Y	Same	N
Evaporation	N	N	Same	N
Radionuclide Separation	N	Y		N
Shredding and Compaction	N	N	Same	N
Solvent Extraction	N	Y		N

**Processing - Conditioning method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Bituminization	N	Y	Same	N
Cementation	N	Y	Same	N
Vitrification	N	Y		N