

## Site (Data) : Bratrstvi

Stock of waste as at December 2005

Country: CZECH REPUBLIC

Reporting Year: 2005

**Site Name:** Bratrstvi

Full Name: Radioactive Waste Repository Bratrstvi

Inventory Reporting Date: December 2005

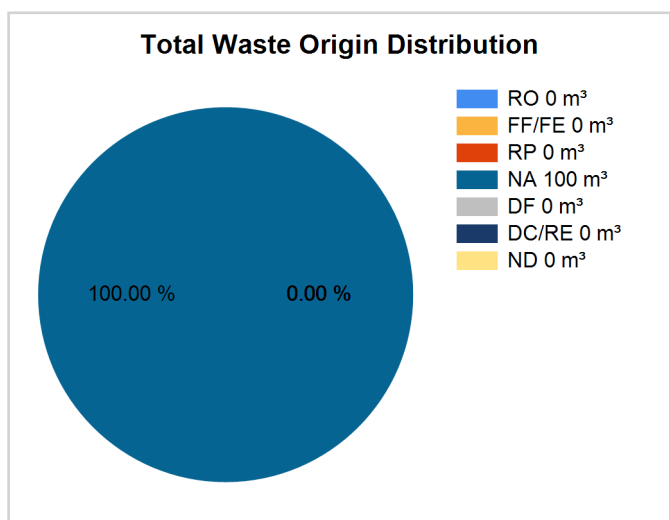
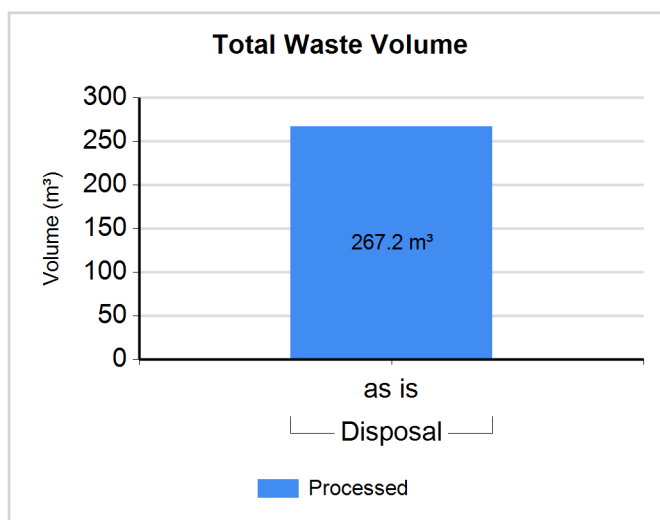
Waste Matrix Used: cz-eu

Comment # 388: Information

The Bratrstvi facility was built in an abandoned uranium mine near Jachymov (Joachimsthal). It is used for waste containing natural radionuclides (Ra-226, Pb-210, Uranium and Thorium isotopes).

**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-LL

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-LL	Disposal	Y	N	267.200	267.200	0.00	0.00	0.00	100.00	0.00	0.00	0.00

**Spent Sources <=30 years in Disposition**

Nuclide	Number of Sources/Total Activity of Sources (GBq)			c	o	n	d	c	a	t	Total Activity for all Groups (GBq)	Decay Date
	Group I less than or equal 4GBq	Group II more than 4GBq but less than or equal 4E+4GBq	Group III more than 4E+4GBq									
	num/activity	num/activity	num/activity									
Pb-210	7			Y	N	N					8.457E-001	2005.12
	8.457E-001											

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**Spent Sources > 30 years in Disposition**

Nuclide	Number of Sources/Total Activity of Sources (GBq)		c o n d	u n c o n d	c a t	Total Activity for all Groups (GBq)	Decay Date
	Group I less than or equal 2 GBq	Group II more than 2GBq					
	num/activity	num/activity					
Ra-226	131	43	Y	N	N	4.168E+002	2005.12
	3.705E+001	3.797E+002					