

## Site (Data) : BRINJE S

Stock of waste as at December 2004

Country: SLOVENIA

Reporting Year: 2004

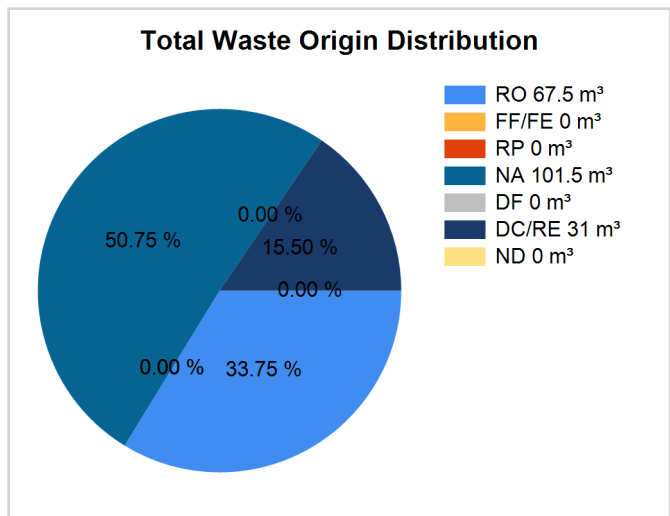
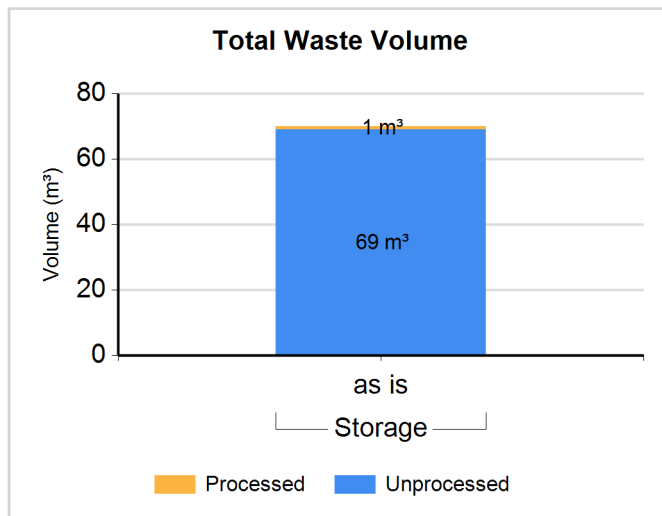
**Site Name:** BRINJE S

Full Name: Central Storage Facility for Radioactive Waste in Brinje

Inventory Reporting Date: December 2004 Waste Matrix Used: National

**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

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	Storage	N	N	69.000	69.000	67.50	0.00	0.00	1.50	0.00	31.00	0.00
LILW	Storage	Y	N	1.000	1.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Comment **# 7618: LILW from small producers.**

LILW from small producers.

Comment **# 9713: Waste Storage facilities/Class LILW/Site BRINJE S**

The volume of stored waste in Brinje storage facility is estimated. There are a lot of different packages in the storage. The volumes of spent sealed sources are difficult to define because the original containers are of irregular shapes.

Last few years ARAO has quoted the volume of 70 m3. The same volume estimation is still relevant in 2004. In spite of new waste being accepted into storage facility the total volume of waste did not increase due to some volume reduction. The repacking of all Co-sources into containers which were inserted in two drums and clearance release of original containers weighed out the nearly accepted waste.

Attachment **#995: Waste Class Data (Stor.)**

LILW in CSRAO 2004.pdf

Table: Quantity and waste types of stored radioactive waste in Central storage facility in Brinje in the end of 2004.

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

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 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					
Co-60			1	N	Y	Y	1.600E+003	2004.01
			1.600E+003					
Co-60			248	Y	N	Y	3.800E+001	2001.01
			3.800E+001					

**Spent Sources > 30 years in Storage**

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					
Am-241		10000	N	Y	Y	3.000E+002	2004.01
		3.000E+002					
Ra-226		2	Y	N	Y	2.700E+001	2000.01
		2.700E+001					

Comment # 7641: Ra-226 sources

Number 2 means there is 2 packing units (containers) with Ra sources and not number of sources.