

Site (Data) : BP1

Stock of waste as at December 2007

Country: BELGIUM

Reporting Year: 2007

Site Name: BP1

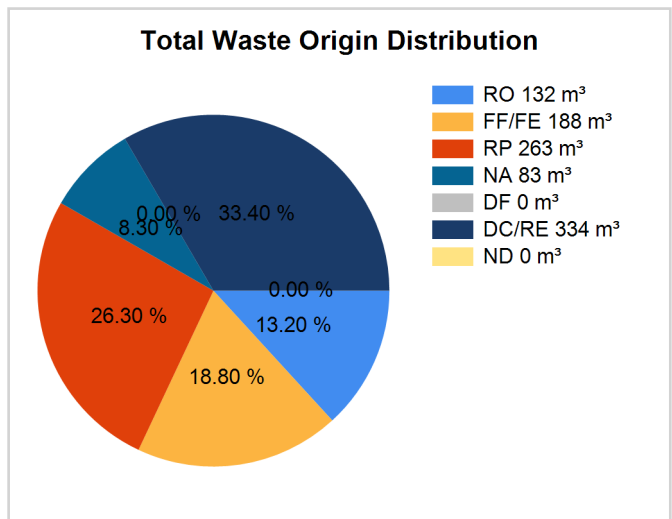
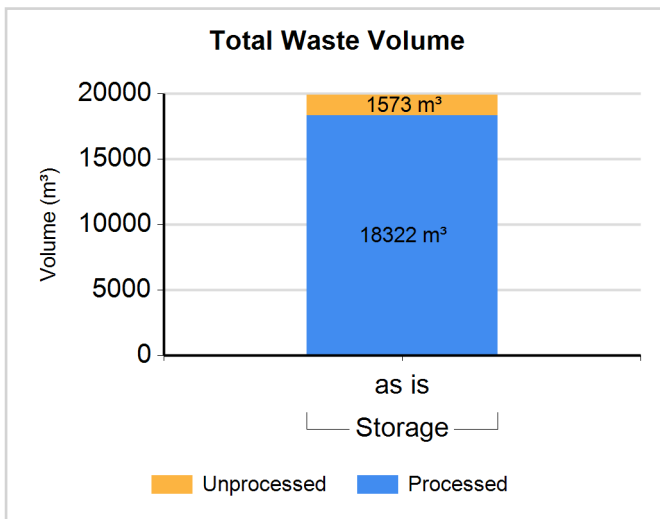
Full Name: Belgoprocess, site 1

Inventory Reporting Date: December 2007

Waste Matrix Used: NIRAS

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.

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Waste Class: Category A

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Category A	Storage / B150	Y	N	1914.000	1914.000	76.00	0.00	0.00	6.00	0.00	18.00	0.00
Category A	Storage / B151	Y	N	11691.000	11691.000	32.00	0.00	0.00	52.00	0.00	16.00	0.00

Comment # 9902: Waste Storage facilities/Class Category A/Site BP1

The noticeable decrease in the amount of unprocessed waste (reporting year 2003: 3.297 m³; reporting year 2004: 0 m³) is due to the fact that waste in "interim storage" has been omitted from the current submission.

Waste Class: Category B

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Category B	Storage / B103	N	N	400.000	400.000	0.00	80.00	0.00	6.00	0.00	14.00	0.00
Category B	Storage / B104	N	N	114.000	114.000	0.00	49.00	0.00	0.00	0.00	51.00	0.00
Category B	Storage / B110X	N	N	401.000	401.000	0.00	37.00	0.00	10.00	0.00	53.00	0.00
Category B	Storage / B127	Y	N	4104.000	4104.000	24.00	0.00	72.00	4.00	0.00	0.00	0.00
Category B	Storage / B153	N	N	658.000	658.000	0.00	0.00	0.00	5.00	0.00	95.00	0.00
Category B	Storage / B155	Y	N	339.000	339.000	0.00	22.00	0.00	0.00	0.00	78.00	0.00

Waste Class: Category C

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Category C	Storage / B129	Y	N	215.000	215.000	0.00	0.00	91.00	0.00	0.00	9.00	0.00
Category C	Storage / B136	Y	N	59.000	59.000	0.00	0.00	100.00	0.00	0.00	0.00	0.00

Comment # 9899: Waste Storage facilities/Class Category C/Site BP1

Building 156: 7 CASTOR containers are stored in this building. Each CASTOR contains 30 irradiated fuel assemblies, unloaded from the Belgian Reactor 3 (BR3), Belgium's first PWR which was shut down in 1987. Decommissioning of BR3 is nearing completion.

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
Incineration	N	N	Same	N
Segregation/Sorting	N	N	Increase	N
Size Reduction	N	N	Same	N
Super Compaction	N	N	Same	N

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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
Cementation	N	N	Same	N
Vitrification	N	N		Y