

Site (Data) : Odessa SE

Stock of waste as at December 2008

Country: UKRAINE

Reporting Year: 2008

Site Name: Odessa SE

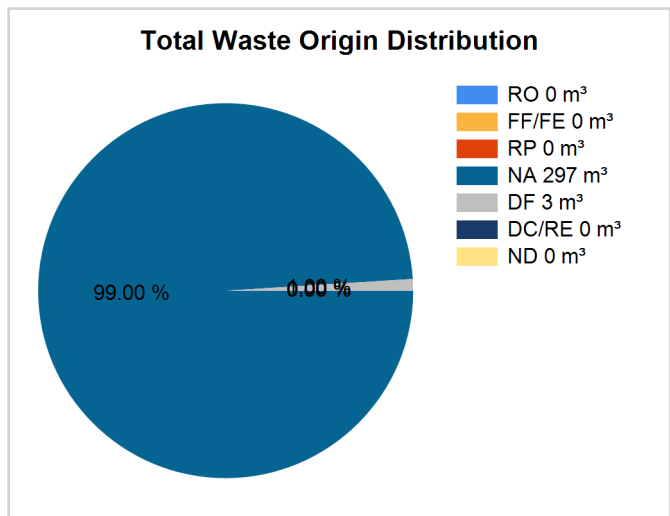
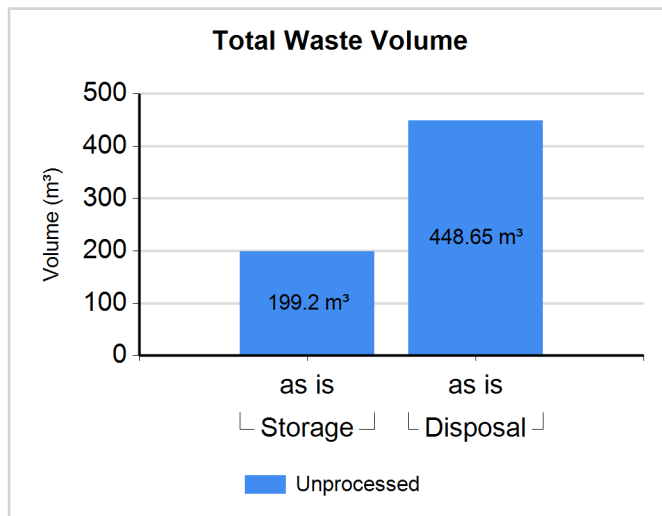
Full Name: Odessa State Interregional Special Enterprise

Inventory Reporting Date: December 2008

Waste Matrix Used: Ukraine

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: Mid-Active

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Mid-Active	Storage	N	N	151.200	151.200	0.00	0.00	0.00	99.00	1.00	0.00	0.00
Mid-Active	Disposal	N	N	448.650	448.650	0.00	0.00	0.00	98.00	2.00	0.00	0.00

Comment # 6813: The additional characteristics of the waste

Unprocessed: liquid (aqueous)

Waste Class: High-Active

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
High-Active	Storage	N	N	48.000	48.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Comment # 6817: The additional characteristics of the waste

Unprocessed: liquid (aqueous)

Spent Sources <=30 years in Disposition

Number of Sources/Total Activity of Sources (GBq)		
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

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Co-60		539		N	Y	Y	9.200E+003	
		9.200E+003						
Co-60	40			N	Y	Y	4.300E+000	
	4.300E+000							
Cs-137		30		N	Y	Y	7.500E+002	
		7.500E+002						
Cs-137		10		N	Y	Y	3.800E+002	
		3.800E+002						
Cs-137		974		N	Y	Y	1.200E+005	
		1.200E+005						
H-3		9		N	Y	Y	3.100E+004	
		3.100E+004						
Ir-192		48		N	Y	Y	5.300E+003	
		5.300E+003						
Ir-192		140		N	Y	Y	2.300E+003	
		2.300E+003						
Kr-85		8		N	Y	Y	2.100E+004	
		2.100E+004						
P-32	317			N	Y	Y	2.100E-001	
	2.100E-001							
Pm-147	2			N	Y	Y	1.700E-002	
	1.700E-002							
Po-210		35		N	Y	Y	2.000E+003	
		2.000E+003						
Ru-106	2			N	Y	Y	1.300E-003	
	1.300E-003							
Sr-90	1659			N	Y	Y	1.100E+002	
	1.100E+002							
Sr-90	1			N	Y	Y	1.500E-003	
	1.500E-003							

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TI-204	9			N	Y	Y	3.800E+000	
	3.800E+000							

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					
Am-241	43		N	Y	Y	1.600E-003	
	1.600E-003						
Ni-63	1		N	Y	Y	1.800E+000	
	1.800E+000						
Pu-238		51	N	Y	Y	2.240E+003	
		2.240E+003					
Pu-238		10	N	Y	Y	2.920E+002	
		2.920E+002					
Pu-239	3361		N	Y	Y	1.600E+003	
	1.600E+003						
Pu-239	90		N	Y	Y	4.330E+001	
	4.330E+001						
Ra-226		80	N	Y	Y	3.370E+002	
		3.370E+002					
U-238	1		N	Y	N	8.600E-002	
	8.600E-002						