

Site (Data) : Khmel NPP

Stock of waste as at December 2012

Country: UKRAINE

Reporting Year: 2012

Site Name: Khmel NPP

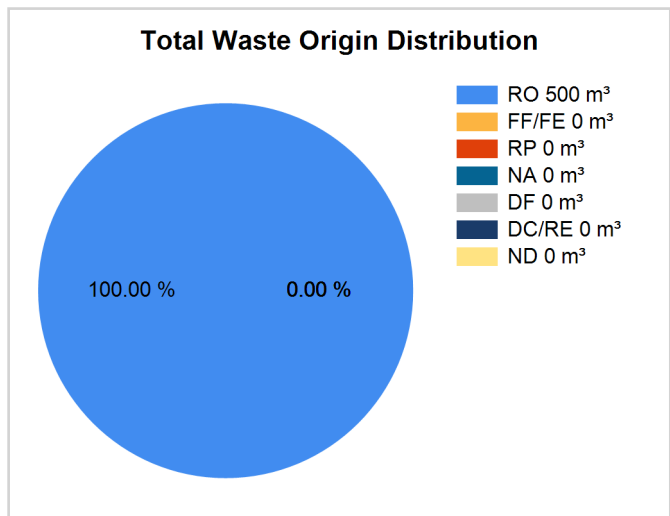
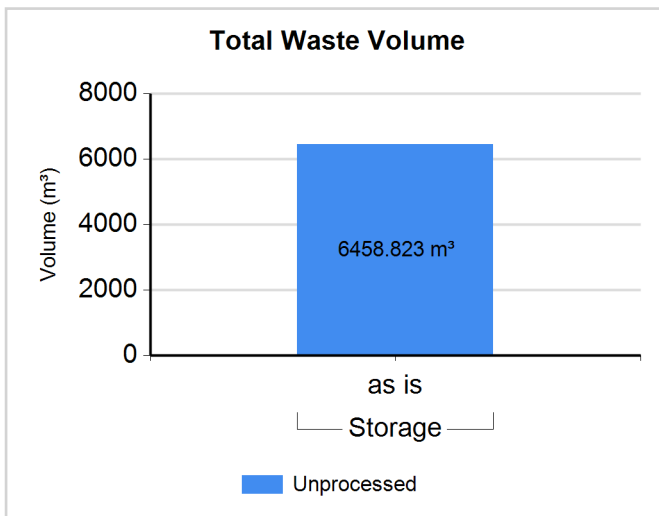
Full Name: Khmelnitsky nuclear power plant

Inventory Reporting Date: December 2012

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.

Site (Data) : Khmel NPP

Stock of waste as at December 2012

Country: UKRAINE

Reporting Year: 2012

Waste Class: Mid-Active

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 %
Mid-Active	Storage / SLRW	N	N	1575.100	1575.100	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Mid-Active	Storage / SSRW	N	N	119.100	119.100	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment **# 6826: The additional characteristics of the waste**

Unprocessed: explosive, flammable, hazardous (chemical), liquid (aqueous), liquid (organic), resin, sludge, solid (dispersible), solid (non-dispersible)
 Processed: liquid (organic)

Comment **# 26978: 2012 (SLRW)**

175 m3 of liquid Mid RW has been evaporated in 2012 year

Waste Class: Low-Active

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 %
Low-Active	Storage / SLRW	N	N	0.950	0.950	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Low-Active	Storage / SSRW	N	N	4754.000	4754.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment **# 6827: The additional characteristics of the waste**

Unprocessed: explosive, flammable, hazardous (chemical), liquid (aqueous), liquid (organic), resin, sludge, solid (dispersible), solid (non-dispersible)

Comment **# 25547: 2011 (SLRW)**

1,3 m3 of RW oil was burnt in 2011 year

Comment **# 26977: 2012 (SLRW)**

1,38 m3 of RW oil was burnt in 2012 year

Waste Class: High-Active

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 %
High-Active	Storage / SSRW	N	N	9.673	9.673	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment **# 6828: The additional characteristics of the waste**

Unprocessed: explosive, flammable, hazardous (chemical), liquid (aqueous), liquid (organic), resin, sludge, solid (dispersible), solid (non-dispersible)

Processing - Treatment method(s)

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Evaporation	N	Y	Decrease	N
Incineration	N	N	Decrease	N