

Site (Data) : AGE

Stock of waste as at December 2010

Country: ARGENTINA

Reporting Year: 2010

Site Name: AGE

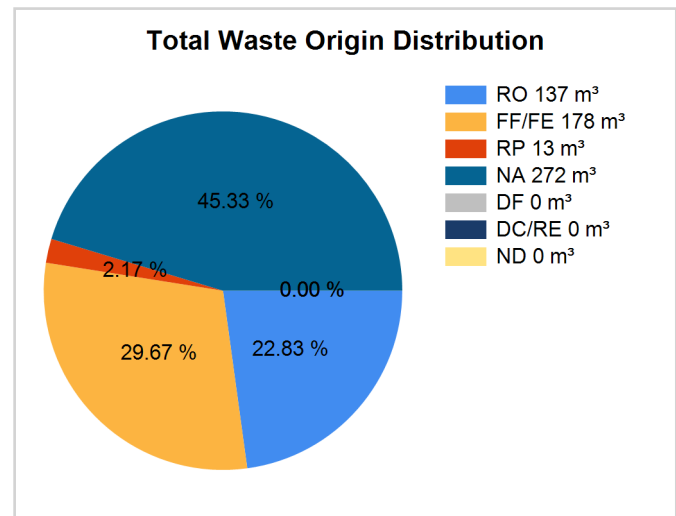
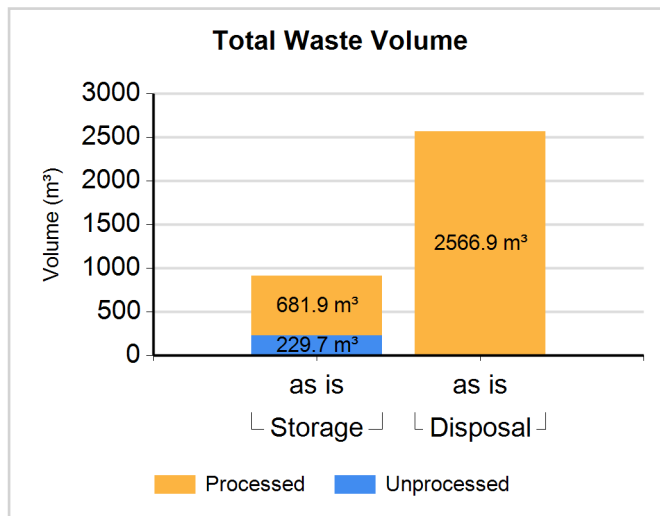
Full Name: AREA DE GESTION DE RESIDUOS RADIATIVOS EZEIZA.

Inventory Reporting Date: December 2010

Waste Matrix Used: IAEA Def.

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: LLW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LLW	Storage	N	Y	225.400	225.400	8.00	43.00	0.00	49.00	0.00	0.00	0.00
LLW	Storage	Y	Y	658.900	658.900	61.00	17.00	0.00	22.00	0.00	0.00	0.00
LLW	Disposal	Y	Y	2397.300	2397.300	66.00	1.00	0.00	33.00	0.00	0.00	0.00

Waste Class: ILW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
ILW	Storage	N	Y	4.300	4.300	0.00	28.00	0.00	72.00	0.00	0.00	0.00
ILW	Storage	Y	Y	23.000	23.000	0.00	43.00	0.00	57.00	0.00	0.00	0.00
ILW	Disposal	Y	Y	169.600	169.600	2.00	46.00	13.00	39.00	0.00	0.00	0.00

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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
Radionuclide Separation	N	N	Same	N
Solvent Extraction	Y	N		N

Processing - Conditioning method(s)

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Cementation	N	Y		Y
Containerization	N	N	Same	N
Encapsulation	N	N	Suspended	N
Solidification	N	Y		N

Comment

7373: ACONDICIONAMIENTO FUENTES DE RADIO DE USO MEDICO

LAS FUENTES DE RADIO DE USO MEDICO FUERON ACONDICIONADAS PARA SU ALMACENAMIENTO PROLONGADO DURANTE LOS AÑOS 2001 - 2003..

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					
Cd-109	1			N	Y	Y	1.240E-005	2010.12
	1.240E-005							
Cf-252	9			N	Y	Y	7.700E-002	2010.12
	7.700E-002							
Cf-252	1			N	Y	Y	9.230E-001	2010.12
	9.230E-001							
Cm-244		1		N	Y	Y	7.380E+000	2010.12
		7.380E+000						
Co-57	6			N	Y	Y	9.000E-008	2010.12
	9.000E-008							

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Co-60	226			N	Y	Y	7.804E+000	2010.12
	7.804E+000							
Co-60	30	6		N	Y	Y	5.320E+001	2010.12
	1.550E+001	3.770E+001						
Co-60		6		N	Y	Y	2.613E+002	2010.12
		2.613E+002						
Co-60	43			Y	N	Y	1.750E-001	2010.12
	1.750E-001							
Co-60		115		N	Y	Y	4.120E+005	2010.12
		4.120E+005						
Co-60		6	11	N	Y	Y	8.920E+005	2010.12
		1.310E+005	7.610E+005					
Cs-137		6		N	Y	Y	1.240E+005	2010.12
		1.240E+005						
Cs-137			1	N	Y	Y	1.720E+005	2010.12
			1.720E+005					
Cs-137	2			Y	N	Y	7.720E+000	2010.12
	7.720E+000							
Cs-137	40			Y	N	Y	1.008E+001	2010.12
	1.008E+001							
Cs-137	64	45		Y	N	Y	1.099E+003	2010.12
	1.143E+002	9.851E+002						
Cs-137		8		N	Y	Y	1.170E+003	2010.12
		1.170E+003						
Cs-137	372			N	Y	Y	1.900E-001	2010.12
	1.900E-001							
Cs-137	171	173		N	Y	Y	3.596E+003	2010.12
	5.910E+000	3.590E+003						
Fe-55	24			N	Y	Y	3.530E+000	2010.12
	3.530E+000							

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Gd-153	1			N	Y	Y	2.100E-001	2010.12
	2.100E-001							
H-3	19	2		N	Y	Y	1.702E+004	2010.12
	2.353E+001	1.700E+004						
Ir-192	229			N	Y	Y	2.100E-001	2010.12
	2.100E-001							
Kr-85	67	56		N	Y	Y	8.340E+003	2010.12
	4.030E+001	8.300E+003						
Pm-147	21			N	Y	Y	4.300E+000	2010.12
	4.300E+000							
Pm-147	4			Y	N	Y	4.600E-001	2010.12
	4.600E-001							
Sr-90	155			N	Y	Y	7.420E+000	2010.12
	7.420E+000							
Sr-90		1		N	Y	Y	1.240E+003	2010.12
		1.240E+003						
Sr-90		4		N	Y	Y	2.670E+002	2010.12
		2.670E+002						

Spent Sources > 30 years in Storage

Nuclide	Number of Sources/Total Activity of Sources (GBq)		c	u	c	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	22		Y	N	Y	4.000E-001	2010.12
	4.000E-001						
Am-241		2	N	Y	Y	2.160E+003	2010.12
		2.160E+003					
Am-241		1	N	Y	Y	1.100E+002	2010.12
		1.100E+002					

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Am-241		3	Y	N	Y	9.400E+002	2010.12
		9.400E+002					
Am-241		7	Y	N	Y	1.300E+002	2010.12
		1.300E+002					
Am-241		2	N	Y	Y	2.500E+003	2010.12
		2.500E+003					
Am-241		17	N	Y	Y	2.600E+003	2010.12
		2.600E+003					
Am-241	26	37	N	Y	Y	5.607E+002	2010.12
	3.470E+001	5.260E+002					
Am-241	3		N	Y	Y	1.090E+000	2010.12
	1.090E+000						
Am-241	4	173	N	Y	Y	1.311E+003	2010.12
	1.490E+000	1.310E+003					
Am-241	4171		N	Y	Y	6.400E+003	2010.12
	6.400E+003						
Ni-63	75	12	N	Y	Y	9.210E+001	2010.12
	3.010E+001	6.200E+001					
Pu-238		1	N	Y	Y	6.960E+001	2010.12
		6.960E+001					
Pu-238	1		N	Y	Y	9.000E-001	2010.12
	9.000E-001						
Ra-226	731		Y	N	Y	2.300E+002	2010.12
	2.300E+002						
Ra-226	84		Y	N	Y	8.200E+000	2010.12
	8.200E+000						
Ra-226	129		N	Y	Y	2.050E-002	2010.12
	2.050E-002						
Ra-226	97		N	Y	Y	5.500E+001	2010.12
	5.500E+001						

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