

## Site (Data) : AGE

Stock of waste as at December 2009

Country: ARGENTINA

Reporting Year: 2009

Site Name: AGE

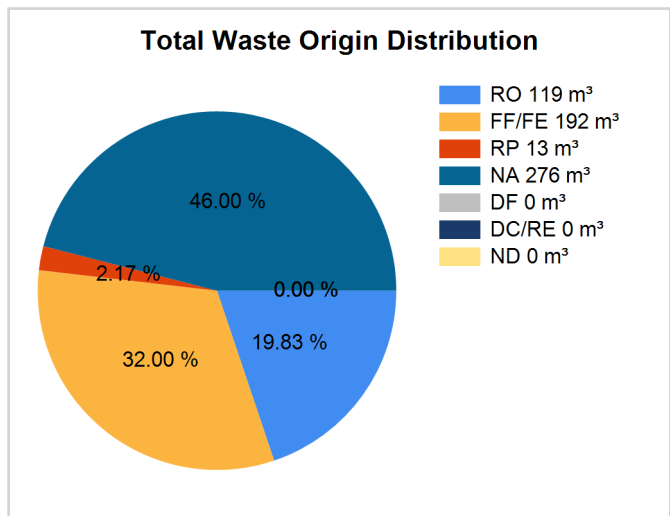
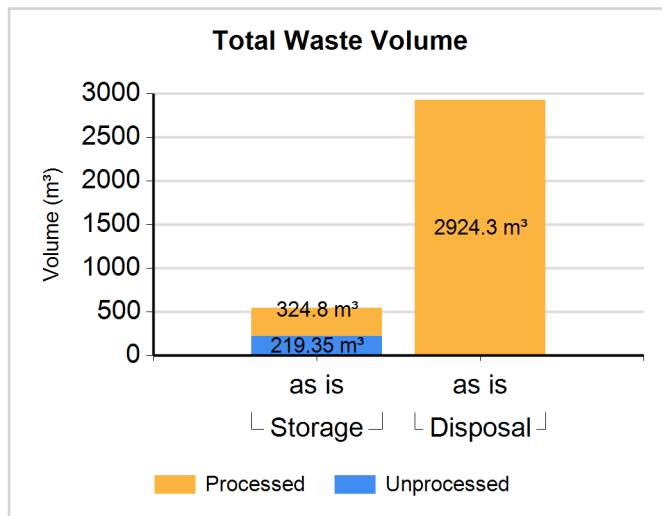
Full Name: AREA DE GESTION DE RESIDUOS RADIATIVOS EZEIZA.

Inventory Reporting Date: December 2009

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	215.050	215.050	8.00	42.00	0.00	50.00	0.00	0.00	0.00
LLW	Storage	Y	Y	301.800	301.800	41.00	32.00	0.00	27.00	0.00	0.00	0.00
LLW	Disposal	Y	Y	2754.700	2754.700	68.00	1.00	0.00	31.00	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 &lt;=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 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					
Cf-252	9			N	Y	Y	1.000E-001	2009.12
	1.000E-001							
Cf-252	1			N	Y	Y	1.200E+000	2009.12
	1.200E+000							
Co-60		115		N	Y	Y	4.700E+005	2009.12
		4.700E+005						
Co-60		6		N	Y	Y	2.980E+002	2009.12
		2.980E+002						
Co-60		6	11	N	Y	Y	1.017E+006	2009.12
		1.490E+005	8.680E+005					

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Co-60	43			Y	N	Y	2.000E-001	2009.12
	2.000E-001							
Co-60	214	25		N	Y	Y	2.070E+005	2009.12
	8.900E+000	2.070E+005						
Co-60	24	4		N	Y	Y	5.630E+001	2009.12
	1.680E+001	3.950E+001						
Cs-137	40			Y	N	Y	1.100E+001	2009.12
	1.100E+001							
Cs-137	157	158		N	Y	Y	3.730E+003	2009.12
	5.960E+001	3.670E+003						
Cs-137	64	45		Y	N	Y	1.125E+003	2009.12
	1.170E+002	1.008E+003						
Cs-137	354			N	Y	Y	6.730E+001	2009.12
	6.730E+001							
Cs-137	2			Y	N	Y	7.900E+000	2009.12
	7.900E+000							
Cs-137		7		N	Y	Y	1.170E+003	2009.12
		1.170E+003						
Cs-137		6		N	Y	Y	1.270E+005	2009.12
		1.270E+005						
Cs-137			1	N	Y	Y	1.760E+005	2009.12
			1.760E+005					
Fe-55	20			N	Y	Y	4.400E+000	2009.12
	4.400E+000							
H-3	19	2		N	Y	Y	1.802E+004	2009.12
	2.490E+001	1.800E+004						
Kr-85	66	52		N	Y	Y	8.895E+003	2009.12
	4.480E+001	8.851E+003						
Pm-147	4			Y	N	Y	6.000E-001	2009.12
	6.000E-001							

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Pm-147	19			N	Y	Y	5.600E+000	2009.12
	5.600E+000							
Sr-90		1		N	Y	Y	1.270E+003	2009.02
		1.270E+003						
Sr-90	121	3		N	Y	Y	2.900E+001	2009.12
	7.500E+000	2.150E+001						
Sr-90		4		N	Y	Y	2.733E+002	2009.12
		2.733E+002						

## Spent Sources &gt; 30 years in Storage

Nuclide	Number of Sources/Total Activity of Sources (GBq)		c	u	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	21	36	N	Y	Y	Y	5.605E+002	2009.12	
	3.450E+001	5.260E+002							
Am-241		1	N	Y	Y	Y	1.100E+002	2009.12	
		1.100E+002							
Am-241		3	Y	N	Y	Y	9.400E+002	2009.12	
		9.400E+002							
Am-241		7	Y	N	Y	Y	1.300E+002	2009.12	
		1.300E+002							
Am-241	22		Y	N	Y	Y	4.000E-001	2009.12	
	4.000E-001								
Am-241		2	N	Y	Y	Y	2.500E+003	2009.12	
		2.500E+003							
Am-241		17	N	Y	Y	Y	2.600E+003	2009.12	
		2.600E+003							
Am-241		170	N	Y	Y	Y	1.313E+003	2009.12	
		1.313E+003							

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Am-241	3246		N	Y	Y	6.401E+003	2009.12
	6.401E+003						
Ni-63	70	12	N	Y	Y	9.210E+001	2009.12
	3.010E+001	6.200E+001					
Pu-238	1		N	Y	Y	9.000E-001	2009.12
	9.000E-001						
Pu-238		1	N	Y	Y	6.960E+001	2009.02
		6.960E+001					
Ra-226	731		Y	N	Y	2.300E+002	2009.02
	2.300E+002						
Ra-226	84		Y	N	Y	8.200E+000	2009.12
	8.200E+000						
Ra-226	97		N	Y	Y	5.500E+001	2009.12
	5.500E+001						
Ra-226	83		N	Y	Y	2.600E+000	2008.12
	2.600E+000						