

Site (Data) : CWMB

Stock of waste as at December 2004

Country: IRAN, ISLAMIC REPUBLIC OF

Reporting Year: 2004

Site Name: CWMB

Full Name: Centralized Waste Management Building

Inventory Reporting Date: December 2004

Waste Matrix Used: Iran

Processing - Treatment method(s)

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Chemical Precipitation	N	Y		N
Compaction	N	Y		N
Filtration	N	Y		N
Ion Exchange	N	Y		N
Membrane Technology	N	Y		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		N
Grouting	N	Y		N

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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					
Co-60	199			Y	N	N	1.243E+002	2004.01
	1.243E+002							
Co-60	40	9		N	Y	N	1.125E+005	2004.01
	4.786E+000	1.125E+005						
Cs-137	4	5		N	Y	N	2.388E+002	2003.01
	3.711E-002	2.388E+002						
Cs-137	89	74		Y	N	N	5.585E+002	2004.01
	1.842E+002	3.743E+002						
Eu-152		1		N	Y	N	1.480E+002	2003.01
		1.480E+002						
Kr-85	4			N	Y	N	2.011E+000	2004.01
	2.011E+000							
Sr-90	4			N	Y	N	4.529E-003	2003.01
	4.529E-003							

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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	1		N	Y	N	1.850E+000	2003.01
	1.850E+000						
Am-241	1		N	Y	N	1.850E-004	2003.01
	1.850E-004						
Am-241	4		N	Y	N	1.517E-002	1973.01
	1.517E-002						
Ra-226	3		N	Y	N	5.500E-004	2004.01
	5.500E-004						
Ra-226	196		Y	N	Y	4.254E+001	2003.12
	4.254E+001						

Comment **# 7402: neutron generator**

The 1.85 GBq source cited is a neutron generator (AM-Be)