

**Site (Data) : CWMB**

Stock of waste as at December 2007

Country: IRAN, ISLAMIC REPUBLIC OF

Reporting Year: 2007

**Site Name: CWMB**

Full Name: Centralized Waste Management Building

Inventory Reporting Date: December 2007 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	N	Same	N
Compaction	N	N	Same	N
Filtration	N	N	Same	N
Ion Exchange	N	N	Decrease	N
Membrane Technology	N	N	Decrease	N

**Processing - Conditioning method(s)**

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

## Site (Data) : CWMB

Stock of waste as at December 2007

Country: IRAN, ISLAMIC REPUBLIC OF

Reporting Year: 2007

**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 m ore than 4GBq but less than or equal 4E+4GBq	Group III more than 4E+4GBq					
	num/activity	num/activity	num/activity					
Co-60	40	9		N	Y	N	1.100E+005	2004.01
	4.800E+000	1.100E+005						
Co-60	199			Y	N	N	1.200E+002	2004.01
	1.200E+002							
Co-60	82			N	Y	N	7.800E+000	2007.01
	7.800E+000							
Cs-137		8		N	Y	N	2.900E+002	2007.01
		2.900E+002						
Cs-137	89	74		Y	N	N	5.500E+002	2004.01
	1.800E+002	3.700E+002						
Cs-137	4	5		N	Y	N	2.400E+002	2003.01
	3.700E-002	2.400E+002						
Eu-152		1		N	Y	N	1.500E+002	2003.01
		1.500E+002						
Kr-85	4			N	Y	N	2.000E+000	2004.01
	2.000E+000							
Sr-90	4			N	Y	N	4.500E-003	2003.01
	4.500E-003							

## Site (Data) : CWMB

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Reporting Year: 2007

**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 2 GBq	Group II more than 2GBq					
	num/activity	num/activity					
Am-241	4		N	Y	N	1.517E-002	1973.01
	1.517E-002						
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						
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)