

Site (Data) : CENM

Stock of waste as at December 2005

Country: MOROCCO

Reporting Year: 2005

Site Name: CENM

Full Name: Nuclear Research Centre Maamora

Inventory Reporting Date: December 2005 Waste Matrix Used: IAEA Def.

Comment # 12328: Site CENM

CNESTEN was created in 1986 by law. It is the organization responsible for the management of radioactive waste at national level

Comment # 12329: Site CENM

CNESTEN collects radioactive waste generated by its facilities and by the users of radioactive materials at the national level. It has the facilities for treatment of liquid effluents, compaction of solid waste and conditioning of disused sealed radioactive sources.

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
Evaporation	N	N	Same	N

Comment # 12331: Waste Treatment on Site CENM

The status of treatment and conditioning methods is not reported in the JC report.

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

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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	23			Y	N	N	1.430E+001	
	1.430E+001							
Cs-137	27	5		Y	N	N	1.174E+002	
	3.790E+001	7.950E+001						
Kr-85	3			Y	N	N	4.000E-002	
	4.000E-002							
Sr-90	2			Y	N	N	1.600E+000	
	1.600E+000							

Comment # 12332: SRS Spent Sources <=30 years in Storage Site CE

The number of Co-60 sources in the drum01 is unknown; these sources were not included in the report.
Sources with unknown activities were not included in the report.
All sources are reported as conditioned, but this information is not in the JC report

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	37		Y	N	N	4.200E+001	
	4.200E+001						
Am-241	18	2	Y	N	N	1.320E+002	
	2.100E+001	1.110E+002					
Ra-226	21		Y	N	N	1.760E+001	
	1.760E+001						
Ra-226	3	1	Y	N	N	4.200E+000	
	5.000E-001	3.700E+000					

Comment # 12333: SRS Spent Sources >30 years in Storage Site CEN

The number of Ra-226 sources must be updated. These are the Ra-226 sources contained in the drum02 and drum03.
All sources are reported as conditioned, but this information is not in the JC report

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