

## Site (Data) : KRC

Stock of waste as at December 2007

Country: IRAN, ISLAMIC REPUBLIC OF

Reporting Year: 2007

Site Name: KRC

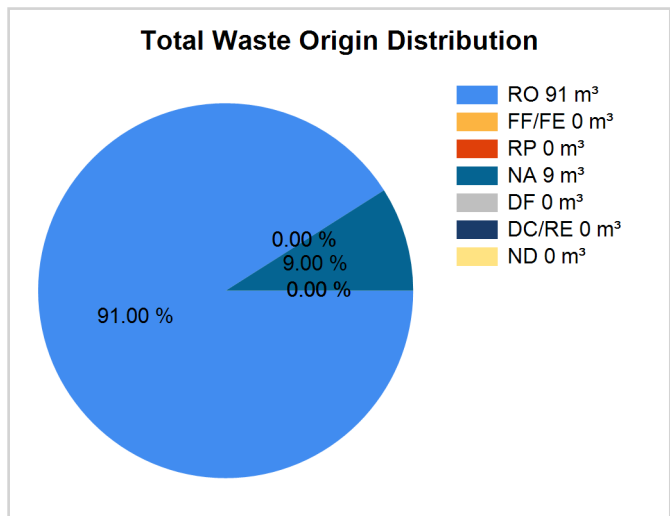
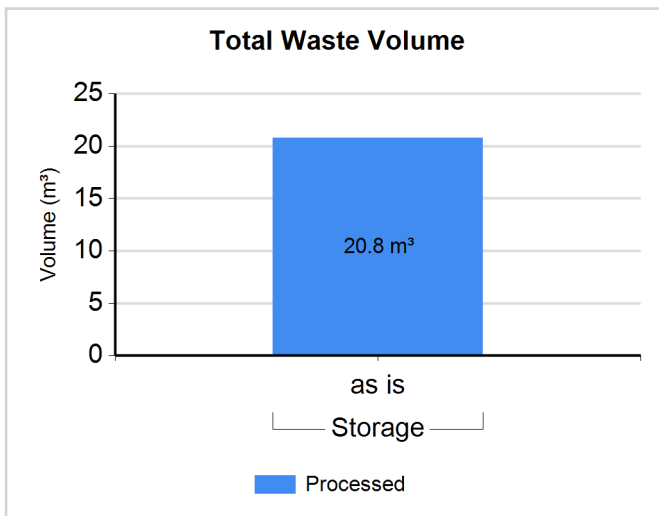
Full Name: Karaj Research Center

Inventory Reporting Date: December 2007

Waste Matrix Used: Iran

## 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	Y	N	20.800	20.800	91.00	0.00	0.00	9.00	0.00	0.00	0.00

## Spent Sources &lt;=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	1	3		N	Y	N	1.110E+004	
	9.250E-003	1.110E+004						
Cs-137	2			N	Y	N	7.126E-002	
	7.126E-002							
Ir-192		409		N	Y	N	1.500E+004	
		1.500E+004						

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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 2 GBq	Group II more than 2GBq					
	num/activity	num/activity					
Am-241	1149		N	Y	N	3.800E-002	
	3.800E-002						