

Site (Data) : Education

Stock of waste as at December 2005

Country: IRELAND

Reporting Year: 2005

Site Name: Education

Full Name:

Inventory Reporting Date: December 2005

Waste Matrix Used: IAEA Def.

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					
Cd-109	1			Y	N	Y	1.100E-001	
	1.100E-001							
Co-57	9			Y	N	Y	4.500E+000	
	4.500E+000							
Co-60	24			Y	N	Y	2.150E-001	
	2.150E-001							
Co-60		1		Y	N	Y	1.110E+001	
		1.110E+001						
Cs-137	11			Y	N	Y	9.150E-002	
	9.150E-002							
Cs-137		1		Y	N	Y	1.369E+001	
		1.369E+001						
Fe-55	1			Y	N	Y	3.700E-001	
	3.700E-001							
H-3		2		Y	N	Y	3.700E+001	
		3.700E+001						
Sr-90	1	2		Y	N	Y	1.524E+002	
	7.400E-001	1.517E+002						
Sr-90	30			Y	N	Y	3.240E-003	
	3.240E-003							

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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	17		Y	N	Y	6.000E-003	
	6.000E-003						
Ni-63	1		Y	N	Y	3.700E-001	
	3.700E-001						
Ra-226	12		Y	N	Y	4.000E-002	
	4.000E-002						
Sm-151	1	2	Y	N	Y	7.770E+000	
	3.700E-001	7.400E+000					
Th-232	3		Y	N	Y	1.000E-004	
	1.000E-004						