

Site (Data) : Industry

Stock of waste as at December 2005

Country: IRELAND

Reporting Year: 2005

Site Name: Industry

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					
Cf-252	1			Y	N	Y	4.000E-005	
	4.000E-005							
Cm-244	1			Y	N	Y	3.700E+000	
	3.700E+000							
Co-60	1			Y	N	Y	3.700E+000	
	3.700E+000							
Co-60	1			Y	N	Y	3.700E-001	
	3.700E-001							
Cs-137	28	3		Y	N	Y	6.625E+001	
	3.110E+001	3.515E+001						
Cs-137	16			Y	N	Y	3.600E-002	
	3.600E-002							
Cs-137		1		Y	N	Y	1.110E+002	
		1.110E+002						
H-3		300		Y	N	Y	2.770E+005	
		2.770E+005						
Hg-203	1			Y	N	Y	1.500E-003	
	1.500E-003							
Ir-192	1			Y	N	Y	1.000E-001	
	1.000E-001							
Kr-85		6		Y	N	Y	5.580E+001	
		5.580E+001						

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Na-22	1			Y	N	Y	3.700E-004	
	3.700E-004							
Pm-147	7			Y	N	Y	1.000E-001	
	1.000E-001							
Po-210	2			Y	N	Y	2.000E-002	
	2.000E-002							
Sr-90	3			Y	N	Y	3.740E-001	
	3.740E-001							
Sr-90	21			Y	N	Y	1.310E+001	
	1.310E+001							
TI-204	8			Y	N	Y	4.940E-001	
	4.940E-001							

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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		1	Y	N	Y	1.850E+001	
		1.850E+001					
Am-241	6		Y	N	Y	1.200E-002	
	1.200E-002						
Am-241	42	4	Y	N	Y	5.965E+001	
	4.300E+001	1.665E+001					
Ni-63	28		Y	N	Y	1.040E+001	
	1.040E+001						
Pu-238	2		Y	N	Y	1.480E+000	
	1.480E+000						
Ra-226	2		Y	N	Y	5.400E-002	
	5.400E-002						

Comment **# 7192: Neutron generators**

Data for Am-241 sources includes 8 Am-241/Be (cat 4) sources of total activity 12.36 GBq plus one source (cat 3) of 18.5 GBq