

(management activities and arisings)

Country	Record ID	Waste Type	Accumulated Quantity (in 1996)	Projected Quantity (in 2014)	Conditioning	Treatment
Argentina	427	L/ILW-LL	126 cm	306 cm		C Compaction
Storage Time (years): Type:						
Disposal Site: 1 Name Geological Repository Status Under preliminary site investigation Location TBD						
Capacity cm Investigation Selection Characterization Construction Operation Start						
Disposal Methods: Status Depth (m)						
Geologic repositories P 600						
Australia	335	L/ILW-LL	300 cm	cm	P Cementation P yet to be determined, synroc, ceramic, or glass	P Evaporation
Storage Time (years): TBD Type: Engineered storage facility						
Disposal Site: 1 Name National Storage Facility Status Under preliminary site investigation Location Consider co-location with L/ILW-SL repository						
Capacity cm Investigation Selection Characterization Construction Operation Start						
Disposal Methods: Status Depth (m)						
Belgium	212	L/ILW-LL	3400 cm	6600 cm	C Cementation C Bituminization	C Compaction C Chemical precipitation C Evaporation C Incineration
Storage Time (years): 50 Type: Engineered storage facility						
Disposal Site: 1 Name TBD Status Under preliminary site investigation Location TBD						
Capacity 10000 cm Investigation 1980-2020 Selection 1980-2020 Characterization 1980-2020 Construction 2020-2035 Operation Start 2080						
Disposal Methods: Status Depth (m)						
Geologic repositories P						
Bulgaria	219	L/ILW-LL	15 cm	23 cm	P Cementation P others under study in IAEA project BUL/4/005	P Compaction P Chemical precipitation P Ion-exchange
Storage Time (years): undecided Type: see Events and Milestones section						
Disposal Site: 1 Name Novi Han Status Shut down/closed Location Lozen Mountain near Sophia						
Capacity 578 cm Investigation Selection Characterization Construction Operation Start						
Disposal Methods: Status Depth (m)						
Near surface disposal; Engineered facilities; Novi Han closed for upgrading, depth = 5 to 6 m C 5						

(management activities and arisings)

Country	Record ID	Waste Type	Accumulated Quantity (in 1996)	Projected Quantity (in 2014)	Conditioning	Treatment
Canada	361	L/ILW-LL	3735 cm	4735 cm	C Bituminization	C Evaporation C Membrane Separation
Storage Time (years): 10-30 Type: Engineered storage facility Shallow ground storage facility Tank storage for liquid waste						
Disposal Site: 1 Name IRUS Status Under detailed site characterization/exploration Location Chalk River Laboratories						
Capacity 2000 cm Investigation - Selection 1986 Characterization 1986 Construction 1999 Operation Start 2001						
Disposal Methods: Status Depth (m) Near surface disposal; Engineered facilities P 8						
Chile	430	L/ILW-LL	3 cm	50 cm	C Cementation	C Compaction P Chemical precipitation P Ion-exchange
Storage Time (years): 30 Type: Engineered storage facility						
Cuba	314	L/ILW-LL	2.5 cm	7 cm	C Cementation	P Compaction
Storage Time (years): 30 Type: above ground storage buildings						
Disposal Site: 1 Name TBD Status Under detailed site characterization/exploration Location Central region of the country						
Capacity 12300 cm Investigation 1990-1994 Selection 1994-1997 Characterization 1997- Construction Operation Start						
Disposal Methods: Status Depth (m) Rock cavities P 15						
Cyprus	351	L/ILW-LL	.1 cm	1 cm	P Cementation	C Stored in lead pots
Storage Time (years): Type:						
Czech Republic	456	L/ILW-LL	349 cm	550 cm	C Cementation	C Compaction C Evaporation
Storage Time (years): 1 Type: Engineered storage facility						
Disposal Site: 1 Name Richard Status Construction/operation Location Litomerice						
Capacity 8396 cm Investigation 1959 Selection 1960 Characterization 1961 Construction 1962-63 Operation Start 1964						
Disposal Methods: Status Depth (m) Near surface disposal; Rock cavities C 60						

cm = cubic meters, mt = metric tonnes, C = current, P = planned, R = research and development

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(management activities and arisings)

Country	Record ID	Waste Type	Accumulated Quantity (in 1996)	Projected Quantity (in 2014)	Conditioning	Treatment
Czech Republic	450	L/ILW-LL	1 cm	5 cm		P Compaction P Super compaction
Storage Time (years): 40 Type: storage pits in the reactor hall						
Disposal Site: 1 Name to be decided Status Under preliminary site investigation Location						
Capacity cm Investigation 2010 Selection 2020 Characterization 2030 Construction 2035 Operation Start 2040						
Disposal Methods: Status Depth (m)						
Geologic repositories P 500						
Denmark	397	L/ILW-LL	90 cm	110 cm		
Storage Time (years): ~ 30 Type: Engineered storage facility						
France	487	L/ILW-LL	23000 cm	44000 cm	C Cementation C Bituminization	C Compaction C Chemical precipitation C Incineration
Storage Time (years): > 50 Type: Engineered storage facility						
Disposal Site: 1 Name unspecified Status Under preliminary site investigation Location unspecified						
Capacity mt Investigation 1992 Selection 1998 Characterization 1999-2006 Construction Operation Start						
Disposal Methods: Status Depth (m)						
Geologic repositories P 500						
Disposal Site: 2 Name not specified Status Under preliminary site investigation Location unspecified						
Capacity mt Investigation 1992 Selection Characterization Construction Operation Start						
Disposal Methods: Status Depth (m)						
Geologic repositories P 500						
Guatemala	464	L/ILW-LL	1 cm	2 cm	C Cementation	P Incineration
Storage Time (years): 50 Type: Engineered storage facility						
Disposal Site: 1 Name to be named Status Construction/operation Location						
Capacity 10 cm Investigation Selection Characterization Construction 1990 Operation Start 1996						
Disposal Methods: Status Depth (m)						
Near surface disposal C 6						

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Country	Record ID	Waste Type	Accumulated Quantity (in 1996)	Projected Quantity (in 2014)	Conditioning	Treatment
India	233	L/ILW-LL	4700 cm	7500 cm	C Cementation C Polymerization	C Compaction C Chemical precipitation C Evaporation R Incineration C Ion-exchange
Storage Time (years): 30-40 Type:						
Disposal Site: 1 Name SWMF, Trombay Status Construction/operation Location Trombay						
Capacity 26000 cm Investigation Selection Characterization Construction Operation Start 1964						
Disposal Methods: Status Depth (m)						
Engineered surface disposal facility; Near surface disposal; Engineered facilities C 5						
Disposal Site: 2 Name SWMF, Tarapur Status Construction/operation Location Tarapur						
Capacity 57000 cm Investigation Selection Characterization Construction Operation Start 1975						
Disposal Methods: Status Depth (m)						
Engineered surface disposal facility; Near surface disposal; Engineered facilities C 5						
Indonesia	235	L/ILW-LL	39 cm	169 cm	C Cementation R Polymerization	C Compaction C Evaporation C Incineration
Storage Time (years): 30 Type: Engineered storage facility						
Disposal Site: 1 Name TBD Status Under preliminary site investigation Location TBD						
Capacity 1200 cm Investigation 1987-1996 Selection 1997-2004 Characterization 2005-2007 Construction 2008-2010 Operation Start 2011						
Disposal Methods: Status Depth (m)						
Italy	308	L/ILW-LL	320 cm	1200 cm	C Cementation	
Storage Time (years): 50 Type: Engineered storage facility						
Disposal Site: 1 Name Unknown Status Under preliminary site investigation Location Unknown						
Capacity cm Investigation Selection Characterization Construction Operation Start						
Disposal Methods: Status Depth (m)						
Geologic repositories P						

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Country	Record ID	Waste Type	Accumulated Quantity (in 1996)	Projected Quantity (in 2014)	Conditioning	Treatment	
Kazakhstan	359	L/ILW-LL	9330 cm	86000 cm	P Cementation	P Evaporation P oxidation, vitrification of sodium heat carrier	
			Storage Time (years): 5-10	Type: Engineered storage facility			
Kuwait	406	L/ILW-LL	cm	cm		C No special treatment procedure	
			Storage Time (years):	Type:			
Lebanon	341	L/ILW-LL	cm	cm	C NOT APPLICABLE	C NOT APPLICABLE	
			Storage Time (years):	Type: NOT APPLICABLE			
Lithuania	257	L/ILW-LL	300 cm	1100 cm			
			Storage Time (years): 50-100	Type: Engineered storage facility			
Malaysia	262	L/ILW-LL	cm	cm			
			Storage Time (years):	Type:			
Mexico	269	L/ILW-LL	cm	cm			
			Storage Time (years):	Type:			
Netherlands	328	L/ILW-LL	cm	400 cm	P Cementation	P Direct packaging	
			Storage Time (years): > 50	Type: Engineered storage facility			
Norway	388	L/ILW-LL	5 cm	8 cm	C Cementation	C Compaction	
			Storage Time (years): 1-5	Type: Engineered storage facility			
		Disposal Site: 1	Name Himdalen	Status Construction/operation	Location Aurskog-Holand municipality		
		Capacity 3200 cm	Investigation	Selection 1994	Characterization 1994-97	Construction 1997-98	Operation Start March 1999
		Disposal Methods:		Status	Depth (m)		
		Rock cavities		C	45		

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(management activities and arisings)

Country	Record ID	Waste Type	Accumulated Quantity (in 1996)	Projected Quantity (in 2014)	Conditioning	Treatment
Philippines	409	L/ILW-LL	cm	cm	C Cementation	C Compaction C Chemical precipitation R Ion-exchange
Storage Time (years): 30 Type: Engineered storage facility						
Disposal Site: 1 Name undecided Status Under preliminary site investigation Location undecided						
Capacity cm Investigation Selection Characterization Construction Operation Start						
Disposal Methods: Status Depth (m)						
Engineered surface disposal facility P 0						
Poland	441	L/ILW-LL	680 cm	780 cm	C Cementation C Polymerization	C Compaction C Chemical precipitation P Evaporation P reverse osmosis
Storage Time (years): 50 Type: Engineered storage facility						
Disposal Site: 1 Name to be decided Status Under preliminary site investigation Location						
Capacity cm Investigation 1997-2000 Selection Characterization Construction Operation Start						
Disposal Methods: Status Depth (m)						
Geologic repositories P 600						
Slovenia	380	L/ILW-LL	30 cm	130 cm		P Compaction P Incineration
Storage Time (years): about 40 Type: Engineered storage facility						
	379	L/ILW-LL	30 cm	0 mt		P Compaction P Incineration
Storage Time (years): 5 Type: Engineered storage facility						
South Africa	401	L/ILW-LL	15000 cm	15000 cm	C Cementation	
Storage Time (years): 50 Type: Engineered storage facility						

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Country	Record ID	Waste Type	Accumulated Quantity (in 1996)	Projected Quantity (in 2014)	Conditioning	Treatment
Sweden	289	L/ILW-LL	cm	25000 cm	C Cementation	P Chemical precipitation C Incineration C Ion-exchange
Storage Time (years): 0-30 Type: Engineered storage facility						
Disposal Site: 1 Name SFL3-5 Status Under preliminary site investigation Location TBD						
Capacity 25000 cm Investigation 2001 Selection Characterization Construction Operation Start 2015-2030						
Disposal Methods: Status Depth (m)						
Geologic repositories P 300						
Switzerland	321	L/ILW-LL	500 cm	2000 cm	P Cementation P Bituminization	C Compaction C Chemical precipitation C Evaporation
Storage Time (years): 40 Type: Engineered storage facility						
Disposal Site: 1 Name not yet defined Status Under preliminary site investigation Location Northern Switzerland						
Capacity 2000 cm Investigation 1979-2001 Selection 2027 Characterization Construction Operation Start 2050						
Disposal Methods: Status Depth (m)						
Geologic repositories P 1000						
Ukraine	469	L/ILW-LL	cm	cm	C Cementation C Bituminization P Polymerization R unspecified	P Compaction P Chemical precipitation C Evaporation P Incineration C Ion-exchange R unspecified
Storage Time (years): Type:						
United States of America	467	L/ILW-LL	cm	cm		P see "Events and Milestones" section
Storage Time (years): Type: see "Events and Milestones" section						
Uzbekistan	415	L/ILW-LL	3 cm	50 cm	C Cementation	C Compaction C Incineration
Storage Time (years): undefined Type: Engineered storage facility						
Disposal Site: 1 Name name not provided Status Construction/operation Location						
Capacity cm Investigation Selection Characterization Construction Operation Start						
Disposal Methods: Status Depth (m)						
Near surface disposal; Simple trenches C 5						

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