



Country Waste Profile Report for LITHUANIA Reporting Year: 2013

*For guidance on reading Country Waste Profile Reports,
please refer to the following internet based document:*

<http://www-newmdb.iaea.org/help/profiles9/guide.pdf>

*For further information, please contact the Responsible Officer via e-mail:
NEWMDB@IAEA.org*

Waste Classification Schemes

Country: LITHUANIA

Reporting Year: 2013

Waste Class Matrix: **IAEA Def.**

This country does use the IAEA Scheme: No

Description: The Agency's standard matrix

Waste Class Name	Distribution %			
	VLLW	LLW	ILW	HLW
VLLW	100.0	0.0	0.0	0.0
LLW	0.0	100.0	0.0	0.0
ILW	0.0	0.0	100.0	0.0
HLW	0.0	0.0	0.0	100.0

Waste Class Matrix: **National**

Description: * - Groups 1, 2 and 3: according to the Old Classification System

Waste Class Name	Distribution %		
	LILW-SL	LILW-LL	HLW
VLLW (A)	100.0	0.0	0.0
LLW-SL (B)	100.0	0.0	0.0
ILW-SL (C)	100.0	0.0	0.0
LLW-LL (D)	0.0	100.0	0.0
ILW-LL (E)	0.0	100.0	0.0
Group-1*	100.0	0.0	0.0
Group-2*	100.0	0.0	0.0
Group-3*	0.0	100.0	0.0

Comment **# 447: Waste Classification**

Solid radioactive waste is classified into 6 classes: VLLW (Class A), LLW-SL (B), ILW-SL (C), LLW-LL (D), ILW-LL (E) and spent sealed sources (F) in accordance with requirements of the "Regulation on the Pre-Disposal Management of Radioactive Waste at Nuclear Power Plant" (VD-RA-01-2001, see Attachment).

However, the so called Old Classification System (based on Former Soviet Union regulation SP-AS-88) is still applied for unprocessed Group-1 and Group-2 waste, processed for handling (size reduction) Group 3 waste and processed for storage (compaction) Group-1 combustible waste, which will be retrieved from old storage buildings, processed for disposal (Group-1 and Group-2 waste), processed for long-term storage (Group-3 waste) and reclassified according to the classification system in force.

Definition of «unprocessed waste» and «processed waste»:

This country uses the IAEA standard definition:

	as-generated waste	processed for handling	processed for storage	processed for disposal
Inprocessed means:	x			
Processed means:		x	x	x

Groups Overview

Country: LITHUANIA

Reporting Year: 2013

Reporting Group:	NATIONAL			
Inventory Reporting Date:	December 2013			
Waste Matrix Used:	National			
Description:				
Site Name	Facility Name	Facilities Defined		
Ignal-NPP	S(B)F	processing		
	S(B)WSF		storage	
	S(C)F	processing		
	S(C)WSF		storage	
	SWPF	processing		
	SWSF		storage	
Maisiagala	MWSF		storage	
Total	ND			disposal
	NS		storage	

Site (Structure) : Ignal-NPP

Country: LITHUANIA

Reporting Year: 2013

Full Name: State Enterprise Ignalina Nuclear Power Plant

Description:

Official Website:

License Holder(s): Ignalina NPP

Waste management facilities that are located at this site:

Facility:	S(B)F	
Description:	Solidification (Bituminization) Facility	
Processing part of facility S(B)F		
The following shows processing status for waste classes and SRS.		
Waste Class	Actual	Planned
VLLW (A)	No	No
LLW-SL (B)	No	No
ILW-SL (C)	No	No
LLW-LL (D)	No	No
ILW-LL (E)	No	No
Group-1*	No	No
Group-2*	No	No
Group-3*	No	No
Type:	Treatment	
Year opened:	1986	

Site (Structure) : Ignal-NPP

Country: LITHUANIA

Reporting Year: 2013

Facility:	S(B)WSF
Description:	Solidified (Bituminized) Waste Storage Facility

Storage part of facility**S(B)WSF**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW (A)	No	No
LLW-SL (B)	No	No
ILW-SL (C)	No	No
LLW-LL (D)	No	No
ILW-LL (E)	No	No
Group-1*	No	No
Group-2*	No	No
Group-3*	No	No

List SRS?	No
List UMMT?	No

Capacity:	Sufficient capacity is available for all operational and decommissioning bituminized waste
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
SB 158	building	1987	No	No	Yes	No

Site (Structure) : Ignal-NPP

Country: LITHUANIA

Reporting Year: 2013

Facility:	S(C)F	
Description:	Solidification (Cementation) Facility	
Processing part of facility S(C)F		
The following shows processing status for waste classes and SRS.		
Waste Class	Actual	Planned
VLLW (A)	No	No
LLW-SL (B)	No	No
ILW-SL (C)	No	No
LLW-LL (D)	No	No
ILW-LL (E)	No	No
Group-1*	No	No
Group-2*	No	No
Group-3*	No	No
Type:	Treatment	
Year opened:	2006	

Site (Structure) : Ignal-NPP

Country: LITHUANIA

Reporting Year: 2013

Facility:	S(C)WSF
Description:	Solidified (Cemented) Waste Storage Facility

Storage part of facility**S(C)WSF**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW (A)	No	No
LLW-SL (B)	No	No
ILW-SL (C)	No	No
LLW-LL (D)	No	No
ILW-LL (E)	No	No
Group-1*	No	No
Group-2*	No	No
Group-3*	No	No

List SRS?	No
List UMMT?	No

Capacity:	Sufficient capacity is available for all operational and decommissioning cemented waste
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
SB 158/2	building	2006	No	No	No	No

Site (Structure) : Ignal-NPP

Country: LITHUANIA

Reporting Year: 2013

Facility:	SWPF
Description:	Solid Waste Processing Facility

Processing part of facility SWPF

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW (A)	No	No
LLW-SL (B)	No	No
ILW-SL (C)	No	No
LLW-LL (D)	No	No
ILW-LL (E)	No	No
Group-1*	No	No
Group-2*	No	No
Group-3*	No	No

Type:	Treatment
Year opened:	1986

Comment **# 20094: Processing Facility SWPF**
 Compaction of Group 1 combustible waste and size reduction of Group 3 waste

Site (Structure) : Ignal-NPP

Country: LITHUANIA

Reporting Year: 2013

Facility:	SWSF
Description:	Solid Waste Storage Facility

Storage part of facility SWSF

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW (A)	No	No
LLW-SL (B)	No	No
ILW-SL (C)	No	No
LLW-LL (D)	No	No
ILW-LL (E)	No	No
Group-1*	No	No
Group-2*	No	No
Group-3*	No	No

List SRS?	No
List UMMT?	No

Capacity:	Sufficient capacity is available until the new modern storage facilities will be constructed
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
SB 155	building	1983	No	Yes	No	No
SB 155/1	building	1990	No	Yes	No	Yes
SB 157	building	1984	No	No	No	Yes
SB 157/1	building	1989	No	No	No	Yes

Site (Structure) : Maisiagala

Country: LITHUANIA

Reporting Year: 2013

Full Name: Maisiagala

Description:

Official Website:

License Holder(s): License holder is State Enterprise Radioactive Waste Management Agency (RATA)

Waste management facilities that are located at this site:

Facility:	MWSF
Description:	Maisiagala Waste Storage Facility

Storage part of facility MWSF

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW (A)	No	No
LLW-SL (B)	No	No
ILW-SL (C)	No	No
LLW-LL (D)	No	No
ILW-LL (E)	No	No
Group-1*	No	No
Group-2*	No	No
Group-3*	No	No

List SRS?	No
List UMMT?	No

Capacity:	
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
Maisiagala	trench (lined)	1964	Yes	No	No	Yes

Site (Structure) : Total

Country: LITHUANIA

Reporting Year: 2013

Full Name:

Description:

Official Website:

License Holder(s):

Waste management facilities that are located at this site:

Facility:	ND		
Description:			
Disposal part of facility	ND		
The following shows disposal status for waste classes and SRS.			
Waste Class	Actual	Planned	
VLLW (A)	No	No	
LLW-SL (B)	No	No	
ILW-SL (C)	No	No	
LLW-LL (D)	No	No	
ILW-LL (E)	No	No	
Group-1*	Yes	No	
Group-2*	Yes	No	
Group-3*	No	No	
List SRS?	No		
List UMMT?	No		
Type:	engineered near surface		
Facility is modular?	No		
Depth (m):		Host medium:	unknown (site not selected)
Phase Name	Start Year	End Year	Estimate

Site (Structure) : Total

Country: LITHUANIA

Reporting Year: 2013

Facility:	NS	
Description:		
Storage part of facility NS		
The following shows storage status for waste classes and SRS.		
Waste Class	Actual	Planned
VLLW (A)	Yes	No
LLW-SL (B)	Yes	No
ILW-SL (C)	Yes	No
LLW-LL (D)	No	No
ILW-LL (E)	No	No
Group-1*	Yes	No
Group-2*	Yes	No
Group-3*	Yes	No
List SRS?	No	
List UMMT?	No	
Capacity:		

Site (Data) : Total

Stock of waste as at December 2013

Country: LITHUANIA

Reporting Year: 2013

Site Name: Total

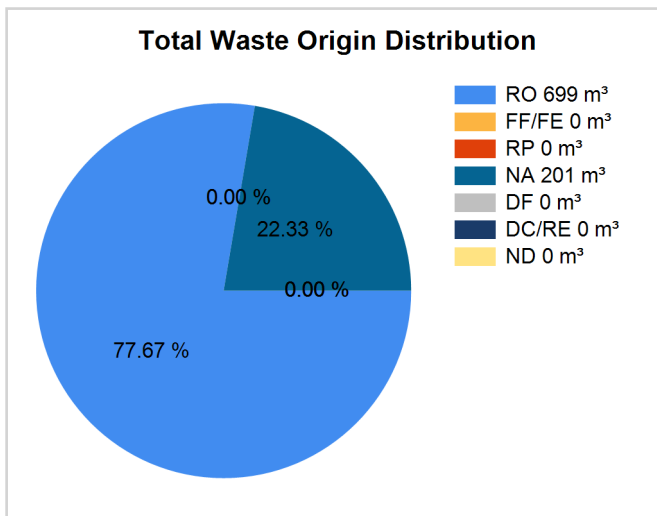
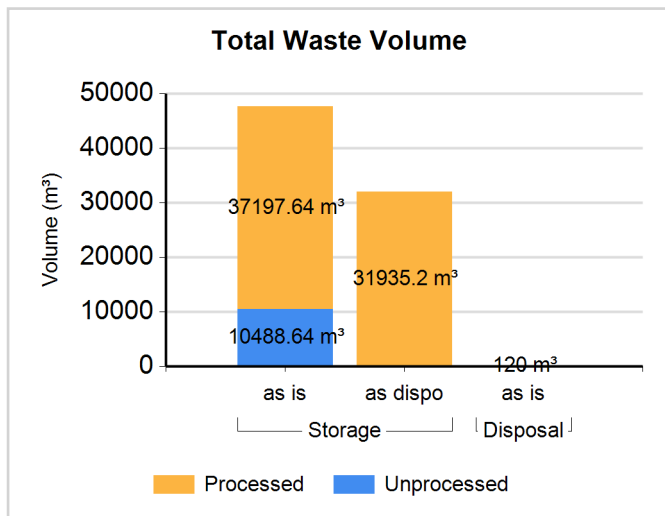
Full Name:

Inventory Reporting Date: December 2013

Waste Matrix Used: National

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.

Site (Data) : Total

Stock of waste as at December 2013

Country: LITHUANIA

Reporting Year: 2013

Waste Class: VLLW (A)

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
VLLW (A)	Storage	N	N	3278.640	3278.640	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Waste Class: LLW-SL (B)

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LLW-SL (B)	Storage	Y	N	14417.000	14417.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Waste Class: ILW-SL (C)

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
ILW-SL (C)	Storage	Y	N	820.640	6084.200	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Waste Class: Group-1*

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Group-1*	Storage	N	N	7210.000	7210.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Group-1*	Storage	Y	N	21085.000	8434.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Group-1*	Disposal	N	N	110.000	110.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Waste Class: Group-2*

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Group-2*	Storage	Y	N	404.000	2000.000	99.00	0.00	0.00	1.00	0.00	0.00	0.00
Group-2*	Disposal	N	N	10.000	10.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Waste Class: Group-3*

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Group-3*	Storage	Y	N	471.000	1000.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Regulators

Country: LITHUANIA

Reporting Year: 2013

Name:	VATESI
Full Name:	State Nuclear Power Safety Inspectorate
Divison:	
City or Town:	Vilnius
Main Website:	

Name:	RPC
Full Name:	Radiation Protection Center
Divison:	
City or Town:	Vilnius
Main Website:	

Name:	MoE
Full Name:	Ministry of Environment
Divison:	
City or Town:	Vilnius
Main Website:	

Regulations / Laws

Country: LITHUANIA

Reporting Year: 2013

Name:	Strategy		
Title or Name:	Strategy on Radioactive Waste Management		
Reference Number:	No.1		
Date Promulgated or Proclaimed:	9/3/2008	Law	

Name:	VIII-1190		
Title or Name:	Law on Radioactive Waste Management		
Reference Number:	No.2		
Date Promulgated or Proclaimed:	5/20/1999	Law	

Name:	VD-RA-01		
Title or Name:	Regulation on the Pre-Disposal Management of Radioactive Waste at Nuclear Power Plant		
Reference Number:	No.3		
Date Promulgated or Proclaimed:	7/27/2001	Regulation	

Name:	P-2002-02		
Title or Name:	Regulation on Disposal of Short-Lived Low- and Intermediate-Level Waste		
Reference Number:	No.4		
Date Promulgated or Proclaimed:	10/28/2002	Regulation	

Name:	I-1613		
Title or Name:	Law on Nuclear Energy		
Reference Number:	No.5		
Date Promulgated or Proclaimed:	11/14/1996	Law	

Name:	LAND-34		
Title or Name:	Clearance Levels of Radionuclides, Conditions for Reuse of Materials and Disposal of Waste		
Reference Number:	No.6		
Date Promulgated or Proclaimed:	12/24/2008	Regulation	

Regulations / Laws

Country: LITHUANIA

Reporting Year: 2013

Name:	P-2009-02		
Title or Name:	Requirements for Decommissioning of Nuclear Energy Installations		
Reference Number:	No.7		
Date Promulgated or Proclaimed:	10/6/1999	Regulation	

Name:	VIII-1019		
Title or Name:	Law on Radiation Protection		
Reference Number:	No.8		
Date Promulgated or Proclaimed:	1/12/1999	Law	

Name:	P-2009-03		
Title or Name:	General Requirements on Radioactive Waste Acceptance for Disposal in a Near Surface Repository		
Reference Number:	No.9		
Date Promulgated or Proclaimed:	8/18/2003	Regulation	

Name:	P-2003-02		
Title or Name:	Requirements on Disposal of Very Low Level Waste		
Reference Number:	No.10		
Date Promulgated or Proclaimed:	8/18/2003	Regulation	

Name:	LAND-42		
Title or Name:	Limitation of Discharges of Radionuclides from Nuclear Facilities, Permitting of Discharges and Radiological Monitoring		
Reference Number:	No.11		
Date Promulgated or Proclaimed:	12/22/2007	Regulation	

Name:	Art. 37		
Title or Name:	Regulation on Providing of Data Concerning Activities Related with the Disposal of Radioactive Waste to the Commission of the European Communities (in compliance with the Article 37 of the Euratom Treaty)		
Reference Number:	No.12		
Date Promulgated or Proclaimed:	5/9/2007	Regulation	

Milestones

Country: LITHUANIA

Reporting Year: 2013

Start Year or Reference Year:	2008	End Year:	2013
Description of Milestone:			
Strategy on Radioactive Waste Management (approved by the Government; according to the Law on Radioactive Waste Management the Strategy shall be updated every five years).			
Start Year or Reference Year:	2005	End Year:	2030
Description of Milestone:			
In 2005 the Ignalina NPP Final Decommissioning Plan (FDP) has been approved by the Ministry of Economy. FDP includes the whole period of INPP decommissioning (Units, auxiliary equipment and interim storage facilities for spent fuel and radioactive waste). Based on the proposed strategy, decommissioning activities and projects are planned. FDP describes principles, methods, and technologies, as well as a general schedule, necessary for ensuring a radiological safe, ecological responsible and efficient decommissioning process.			

Policies

Country: LITHUANIA

Reporting Year: 2013

National Systems

Policy		(Yes;Partially;No)
Q14	Has your Country implemented a national policy for radioactive waste management?	Yes
Strategies		(Yes;Partially;No)
Q15	Has your country developed strategies to implement a national policy?	Yes
Requirements		(Yes;Partially;No)
Q17	identified the parties involved in the different steps of radioactive waste management	Yes
Q18	specified a rational set of safety, radiological and environmental protection objectives	Yes
Q19	implemented a mechanism to identify existing and anticipated radioactive wastes	Yes
Q20	implemented controls over radioactive waste generation	Yes
Q21	identified available methods and facilities to process, store and dispose of radioactive waste on an appropriate time-scale	Yes
Q22	taken into account interdependencies among all steps in radioactive waste generation and management	Yes
Q23	implemented appropriate research and development to support the operational and regulatory needs	Yes
Q24	implemented a funding structure and the allocation of resources that are essential for radioactive waste management	Yes
Q25	implemented formal mechanisms for disseminating information to the public and for public consultation	Yes
Responsibilities		(Complete;Incomplete)
Q28	establish and implement a legal framework for the management of radioactive waste	Complete
Q29	establish or designate a regulatory body that has the responsibility for carrying out the regulatory function with regard to safety and the protection of human health and the environment.	Complete
Q30	define the responsibilities of waste generators and operators of waste management facilities	Complete
Q31	provide for adequate resources	Complete
Q33	enforce compliance with regulatory requirements	Complete
Q34	implement the licensing process	Complete
Q35	advise the government	Complete
Q37	identify an acceptable destination for the radioactive waste	Complete
Q114	comply with legal requirements	Complete

Policies

Country: LITHUANIA

Reporting Year: 2013

Activities		(Yes;Partially;No)
Q43	perform safety and environmental impact assessments for radioactive waste management facilities	Yes
Q44	ensure adequate radiation protection for workers, the general public and the environment	Yes
Q45	ensure suitable staff, equipment, facilities, training and operating procedures are available to perform the safe radioactive waste management steps	Yes
Q46	establish and implement a quality assurance programme for the radioactive waste generated or its processing, storage and disposal	Yes
Q47	establish and keep records of appropriate information regarding the generation, processing, storage and disposal of radioactive waste, including an inventory of radioactive waste	Yes
Q48	provide surveillance and control of activities involving radioactive waste as required by the regulatory body	Yes
Q49	collect, analyze and, as appropriate, share operational experience to ensure continued safety improvements in radioactive waste management	Yes
Q50	conduct or otherwise ensure appropriate research and development to support operational needs in radioactive waste management	Yes
Clearance		(Yes;No)
Q128	Does your country have "clearly defined clearance levels based on radiological criteria, with policy statements that material below those levels can be recycled or disposed of with non-radioactive wastes"?	Yes
Q129	Has your country ever used a "case-by-case" approach to clearing radioactive wastes (excluding spent/disused sealed radioactive sources)?	No
Q130	Has your country ever used clearance levels to dispose of, reuse or recycle radioactive waste as non-radioactive waste or as a non-radioactive resource (excluding spent/disused sealed radioactive sources)?	No

Policies

Country: LITHUANIA

Reporting Year: 2013

Disposal Facilities

Licensing		(Yes - All;Yes - Some;No)
Q53	Environmental Assessment (EA)	Yes - All
Q54	Environmental Impact Statement (EIS)	No
Q55	Performance Assessment (PA)	Yes - All
Q56	Quality Assurance (QA)	Yes - All
Q57	Safety Assessment (SA)	Yes - All
Q59	If Quality Assurance is part of your Country's current, waste disposal facility licensing policy, does the QA Program conform to international standards (such as the ISO9000 series)?	Yes - All
Operation		(Yes - All;Yes - Some;No)
Q60	Does your Country have formal, documented waste acceptance criteria for its operating or proposed disposal facilities?	Yes - All
Post-Closure		(Yes;No)
Q61	Does your Country have any written policies to address the maintenance of records that describe the design, location and inventory of waste disposal facilities?	Yes
Q62	If the answer to the previous question was YES, does your Country have any policies, laws or regulations that prescribe what records are to be maintained?	Yes
Q63	Does your Country have any written policies to address active institutional controls or passive institutional controls, such as monitoring or access restrictions?	Yes
Q65	access restrictions	Yes
Q66	drainage and/or leachate collection system(s)	Yes
Q67	leachate treatment systems	No
Q68	environmental monitoring	Yes
Q69	facility monitoring	Yes
Q70	surveillance	Yes
Q71	plans for intervention measures during active institutional control if there is an unplanned release of radioactive materials from the disposal facility	Yes

Policies

Country: LITHUANIA

Reporting Year: 2013

Processing/Storage

Policies/Procedures		(Yes;No)
Q73	waste sorting/segregation	Yes
Q74	waste minimization	Yes
Q75	waste storage	Yes
Q76	processing and/or storing and/or disposing of nuclear fuel cycle waste separately from non-nuclear fuel cycle waste (also known as nuclear applications waste)	Yes
Q78	Does your country have any legislation, regulation, or policy that waste processing must take place prior to storage (see following note)	Yes
Implementation		(Yes;No)
Q80	In your Country are there any waste processing facilities at the same location where the waste is generated?	Yes
Q81	In your Country are there any centralized waste processing facilities?	No
Q82	In your Country are there any mobile waste processing facilities?	No
Foreign		(Yes;No)
Q121	Has your country sent any wastes or spent fuel to another country for processing (reprocessing for fuel)?	No
Q124	Has your country accepted any wastes or spent fuel from another country for processing (reprocessing for fuel)?	No

Policies

Country: LITHUANIA

Reporting Year: 2013

Spent/Disused SRS

Registration		(Yes;No)
Q84	Is there a national level registry?	Yes
Q85	If answer was yes, is the registry used only for disused/spent SRS?	Yes
Q87	Are there regional-level registries (one or more)?	No
Q90	Are there local-level registries (one or more)?	Yes
Q115	If the answer was yes, are any registries used only for disused/spent SRS?	Yes
Comment # 427: State Registry of Radiation Sources Government Resolution No. 651 On the Establishment of the State Registry of Radiation Sources and Exposure to Workers and Approval of Its Statute (1999, amended 2007). State Registry is administrated and supervised by Radiation Protection Center. Radioactive Waste Management Agency (RATA) have another national level registry of spent SRS transferred or to be transferred to RATA as radioactive waste. INPP has a local level registry of spent SRS.		
Procedures		(Yes;No)
Q91	Does your Country have documented procedures in place to ensure that sealed radioactive sources (SRS) are transferred to secure facilities in a timely manner after their user declares them to be spent?	Yes
Agreements		(Yes;No)
Q93	Government to Government agreements	No
Q94	Government - Supplier agreements	No
Q95	Supplier-User agreements	Yes
Q97	Do any agreements include suppliers that are outside of your Country?	Yes
Release / Disposal		(Yes;No)
Q99	Does your Country have any regulations to free-release spent sealed radioactive sources (SRS)?	No
Q100	Has your Country disposed of spent SRS in existing disposal facilities for LILW or HLW waste?	No
Q101	Does your Country plan to dispose of spent SRS in existing or planned disposal facilities for LILW or HLW waste?	Yes
Q102	Has your Country implemented dedicated disposal facilities for spent SRS?	No
Q103	Does your Country have plans to implement dedicated disposal facilities for spent SRS?	No

Policies

Country: LITHUANIA

Reporting Year: 2013

Import-Export

Radioactive Waste

(Yes;No)

Q104 Does your Country have laws or Regulations restricting either the import or export of radioactive waste (excluding spent fuel)? Yes

Spent Fuel

(Yes;No)

Q105 Does your Country have laws or Regulations restricting either the import or export of spent fuel? Yes

Liquid HLW

Storage

(Yes;No)

Q106 Does your Country have high-level liquid wastes in storage? No

UMMT

Responsibility

(Yes;No)

Q110 Does your Country have any Uranium Mine and Mill Tailings sites that do not have a designated authority to manage them? No

Decommissioning

Funding

(Yes - All;Yes - Some;No)

Q111 Does your Country require that funds should be set aside in support of future waste management activities, such as decommissioning activities? Yes - All

Facilities

(Yes;No)

Q119 Does Your Country have any nuclear fuel cycle facilities? No

Q120 Does Your Country have any nuclear applications facilities (non fuel cycle facilities)? Yes

Timeframe

(Yes - All;Yes - Some;No)

Q113 Does your Country require a time frame for the decommissioning of non-nuclear fuel cycle facilities once these facilities cease operation? Yes - All

Radionuclide Inventory by Waste Class

Country: LITHUANIA

Reporting Year: 2013

No data available.

No data available.

No data available.

No data available.

No data available.

No data available.

No data available.

No data available.

No data available.

No data available.

No data available.

No data available.

Spent Fuel Inventory

Country: LITHUANIA

Reporting Year: 2013

Spent Fuel in Storage

Spent Fuel (tHM):	2415.952
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Waste Management Infrastructure and Financing

Country: LITHUANIA

Reporting Year: 2013

National Infrastructure

Nuclear Energy Context:	
Research & Development:	
Policies and Programs:	
Decommissioning and Dismantling:	
Legal Framework:	<p>The list of main laws regulating the management of spent nuclear fuel and radioactive waste in Lithuania is provided below:</p> <ul style="list-style-type: none"> • Law on the Management of Radioactive Waste (1999, last amended 2014); • Law on Nuclear Energy (1996, last amended 2014); • Law on Radiation Protection (1999, last amended 2011); • Law on the Ratification of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (2003); • Lithuanian Radioactive Waste Management Programme (2015) (national strategy prepared in accordance with Council Directive 2011/70/Euratom) <p>The operator of radioactive waste management facilities is fully responsible for the safety of these facilities. INPP is responsible for the safe management of radioactive waste produced during operation or accepted for storage or processing, and produced during decommissioning until this waste is transferred for disposal. INPP is also responsible for construction and operation of disposal facilities for short-lived radioactive waste (Landfill facility for A class wastes (VLLW-SL) and Near Surface Repository for B and C class waste (LLW-SL and ILWSL)) as well for construction of storage facilities of LL waste and Spent Fuel.</p> <p>The Law on Nuclear Safety describes licensing procedure and types of licenses as well as permits to be issued, validity of these licenses and permits, the main steps and principals of nuclear safety evaluation and responsibility and fines for not following the law. VATESI is state regulatory and supervisory authority in Lithuania for activities involving nuclear materials and other activities in the area of nuclear energy involving sources of ionizing radiation. VATESI sets safety requirements and regulations, supervises compliance with them, applies enforcement measures in case of incompliance with safety requirements and regulations, issues licenses, permits and temporary permits and assesses safety of nuclear facilities.</p> <p>The Radiation Protection Centre (RPC) coordinates actions of state and municipal institutions in the manner established by the Government or, upon direction from the Government, by the Minister of Health, in the area of radiation protection, exercises the state regulation and supervision of both radiation protection in respect of exposure of members of the public and the environment, and the practices involving sources of ionizing radiation, except of practices in the area of nuclear energy.</p>
Planned Improvements:	

National Financing

Waste Management Infrastructure and Financing

Country: LITHUANIA

Reporting Year: 2013

Nuclear installations:	
Legacy Wastes:	
Medical installations:	
Extractive Industries:	
Additional Comments:	

Waste Management Organisations

Country: LITHUANIA

Reporting Year: 2013

Name:	
Full Name:	
Description:	
Address:	
Main Website:	
Year Established:	1
Legal Nature:	Public

Waste Management Strategies

Country: LITHUANIA

Reporting Year: 2013

Waste Class	
Strategy	

Waste Management Responsibility

Country: LITHUANIA

Reporting Year: 2013

Waste Class:	
Regulatory Authority:	
Treatment/Conditioning of Radioactive Waste:	
Transport of Radioactive Waste:	
Development/operation of interim Storage Facilities:	
Development/operation of Disposal Facilities:	
Waste Management Organisation:	
Additional Comments:	

Main Waste Producers

Country: LITHUANIA

Reporting Year: 2013

Name:	
Full Name:	
Description:	
Address:	
Main Website:	

Future Outlook

Country: LITHUANIA

Reporting Year: 2013

Outlook for the year: 2030

Gross Nuclear Capacity (MW):	
Assumptions:	
Total Waste "as dispo" Volume in Storage (m ³):	10000
Total Waste Volume in Disposal (m ³):	100000
Assumptions:	
Total Spent Fuel in Storage (tHM):	2415.952
Total Spent Fuel in Disposal (tHM):	
Assumptions:	
Remaining Disposal Capacity for Volume of Waste (m3):	
Assumptions:	
Remaining Disposal Capacity for Spent Fuel (tHM):	
Assumptions:	

Future Outlook

Country: LITHUANIA

Reporting Year: 2013

Outlook for the year: 2050

Gross Nuclear Capacity (MW):	
Assumptions:	
Total Waste "as dispo" Volume in Storage (m ³):	10000
Total Waste Volume in Disposal (m ³):	150000
Assumptions:	
Total Spent Fuel in Storage (tHM):	2415.952
Total Spent Fuel in Disposal (tHM):	
Assumptions:	
Remaining Disposal Capacity for Volume of Waste (m3):	
Assumptions:	
Remaining Disposal Capacity for Spent Fuel (tHM):	
Assumptions:	

Outlook for the year: 2100

Data not available.