



**Country Waste Profile Report for
THAILAND
Reporting Year: 2009**

*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: THAILAND

Reporting Year: 2009

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: **Thailand**

Description: Thailand does not have any HLW even though HLW is part of the classification scheme. The classification scheme is specified in the Science and Technology Ministerial Regulation.

Waste Class Name	Distribution %		
	LILW-SL	LILW-LL	HLW
VLLW	100.0	0.0	0.0
LILW-SL	100.0	0.0	0.0
LILW-LL	0.0	100.0	0.0
HLW	0.0	0.0	100.0

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
Unprocessed means:	x			
Processed means:		x	x	x

Groups Overview

Country: THAILAND

Reporting Year: 2009

Reporting Group:	National			
Inventory Reporting Date:	December 2009			
Waste Matrix Used:	Thailand			
Description:	In this reporting group, a single theoretical site is defined. The waste quantities reported are the totals for actual sites located around Thailand. See the comment regarding inventory reporting date.			
Site Name	Facility Name	Facilities Defined		
All Sites	OAP-SF1		storage	
	OAP-SF2		storage	
	OAP-SRS		storage	
	OAP-WPF	processing		
Comment	# 408: VLLW			
	VLLW is generated but not released due to a lack of regulation regarding release. It is not segregated from LLW and therefore is reported in the NEWMDB as part of LILW-SL waste			

Reporting Group:	SFklong5			
Inventory Reporting Date:	December 2009			
Waste Matrix Used:	Thailand			
Description:	Storage facility at TINT, Klonglung, Pathumthani			
Site Name	Facility Name	Facilities Defined		
klong 5	SF-klong5		storage	

Site (Structure) : All Sites

Country: THAILAND

Reporting Year: 2009

Full Name: A single theoretical site is defined to facilitate reporting to the NEWMDB. The waste quantities reported are the totals for actual sites located around Thailand, including those at the central facility located at the OAP, Bangkok.

Description:

Official Website:

License Holder(s): TINT / Radioactive Waste Management Center / Thailand Institute of Nuclear Technology (TINT)
 TINT / Radioactive Waste Management Center / Thailand Institute of Nuclear Technology (TINT)
 TINT / Radioactive Waste Management Center / Thailand Institute of Nuclear Technology (TINT)

Waste management facilities that are located at this site:

Facility:	OAP-SF1					
Description:	Storage Facility 1 at the OAP in Bangkok, for the storage of SRS which are conditioned and some are not conditioned.					
Storage part of facility		OAP-SF1				
The following shows storage status for waste classes and SRS.						
Waste Class	Actual	Planned				
VLLW	No	No				
LILW-SL	No	No				
LILW-LL	No	No				
HLW	No	No				
List SRS?	Yes					
List UMMT?	No					
Capacity:	310 cubic metre					
Types of Storage Units						
Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
OAP-SF1	building	1996	No	No	No	Yes

Site (Structure) : All Sites

Country: THAILAND

Reporting Year: 2009

Facility:	OAP-SF2
Description:	Storage Facility 2 at the OAP in Bangkok, capacity 292.5m ³ , for Radioisotope (RI) wastes which are already processed.

Storage part of facility OAP-SF2

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW	Yes	Yes
LILW-SL	Yes	Yes
LILW-LL	Yes	Yes
HLW	No	No

List SRS?	No
List UMMT?	No

Capacity:	292.5 cubicmetre, for the storage of the RI wastes, for the conditioned and non-conditioned waste-drums (200 litre).
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
OAP-SF2	building	1999	No	No	No	No

Site (Structure) : All Sites

Country: THAILAND

Reporting Year: 2009

Facility:	OAP-SRS
Description:	for storage of the conditioned SRS at the OAP in Bangkok,

Storage part of facility**OAP-SRS**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW	No	No
LILW-SL	Yes	No
LILW-LL	Yes	No
HLW	No	No

List SRS?	Yes
List UMMT?	No

Capacity:	15 drums (200 litre) for conditioned Radium and 2 stainless steel container for conditioned Cobalt-60 (420 Ci) and the conditioned Ra-226(4 Ci) irradiator.
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
SRS	cask	2001	No	No	No	Yes

Comment **# 7366: Conditioning of SRS under the support of IAEA**

The first Radium-226 conditioning operation was performed under the support of the IAEA in year 2001. The total amount of Ra-226 was 4,823.6 mg(948 pieces). The second Radium-226 conditioning operation has been planned to operate in year 2004. For the conditioning of Co-60 source (420 ci) from the Radiological accident in Samutprakran province, Thailand in year 2000, was also supported by IAEA and successfully operated in year 2002.

Site (Structure) : All Sites

Country: THAILAND

Reporting Year: 2009

Facility:	OAP-WPF	
Description:	Waste Processing Facility at the Office for Atoms for Peace, Bangkok, liquid waste treatment plant (chemical precipitation) since 1965, incinerator (20 kg/day) since 1992, compactor since 1992.	
Processing part of facility	OAP-WPF	
The following shows processing status for waste classes and SRS.		
Waste Class	Actual	Planned
VLLW	No	No
LILW-SL	No	No
LILW-LL	No	No
HLW	No	No
Type:	Treatment, Conditioning	
Year opened:	1965	

Site (Data) : All Sites

Stock of waste as at December 2009

Country: THAILAND

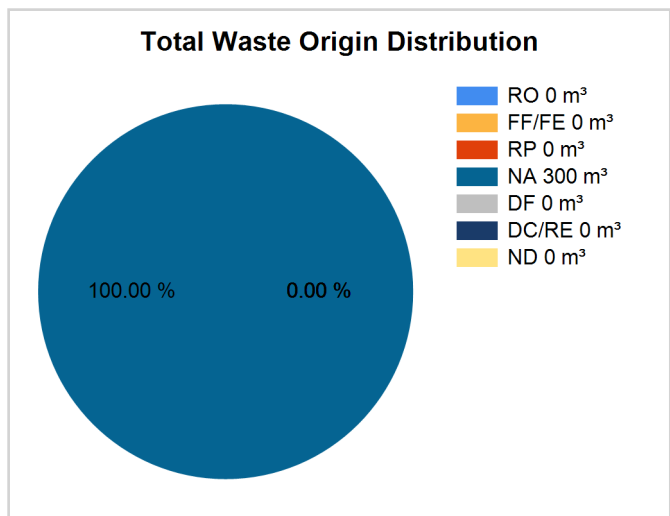
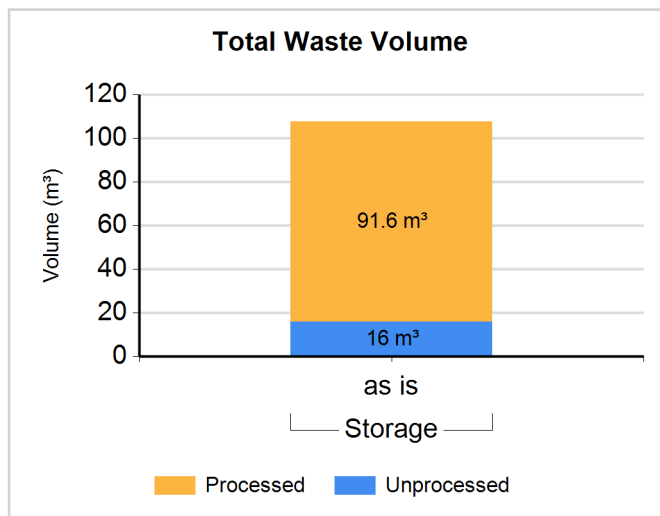
Reporting Year: 2009

Site Name: All Sites

Full Name: A single theoretical site is defined to facilitate reporting to the NEWMDB. The waste quantities reported are the totals for actual sites located around Thailand, including those at the central facility located at the OAP, Bangkok.

Inventory Reporting Date: December 2009**Waste Matrix Used:** Thailand**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: VLLW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
VLLW	Storage / OAP-SF2	N	N	16.000	16.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00
VLLW	Storage / OAP-SF2	Y	N	41.600	41.600	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Comment **# 6850: The additional characteristics of the waste**

Most of processed solid waste in the SF2 is the compacted plastic waste, the number is 181 drums (200 litre). And the less is processed solid waste (sludge) from the liquid waste treatment (aqueous waste was treated precipitation system). The number is 27 drums(200 litre)

Waste Class: LILW-SL

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LILW-SL	Storage / OAP-SRS	Y	N	50.000	50.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Comment **# 6851: Transfer to the new Klong 5 storage**

Regarding the change of data from last year 2007, because the LILW unprocessed waste was transferred to the Klong 5 storage facility in 2008. The LILW are as follows:

- Spent ion-exchange resin from the Thai Research Reactor, have been kept in 50 drums (50 litre), total about 2.5 cubic-metre
- The iron-steel contaminated with Cs-137 from the Steel Factories, (products from the melting of scrap metal from East Europe), total volume about 2.5 cubic-metre

Site (Data) : All Sites

Stock of waste as at December 2009

Country: THAILAND

Reporting Year: 2009

Processing - Treatment method(s)

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Chemical Precipitation	N	N	Same	N
Compaction	N	N	Same	N
Decontamination	N	N	Same	N
Evaporation	Y	N		N
Incineration	N	N	Same	N
Ion Exchange	N	N	Same	N
Size Reduction	Y	N		N
Super Compaction	Y	N		N

Processing - Conditioning method(s)

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Casting (of metal and slag)	Y	N		N
Cementation	N	N	Same	N
Containerization	N	N	Same	N
Encapsulation	N	N	Same	N

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					
Au-195	1			N	Y	Y	0.000E+000	
Ba-133	5			N	Y	Y	0.000E+000	
Cd-109		55		N	Y	Y	6.300E+000	
		6.300E+000						
Cm-244	2			N	Y	Y	4.000E-001	
	4.000E-001							

Site (Data) : All Sites

Stock of waste as at December 2009

Country: THAILAND

Reporting Year: 2009

Co-57		32		N	Y	Y	1.700E+001	
		1.700E+001						
Co-60			304	N	Y	Y	4.800E+005	
			4.800E+005					
Cs-137		523		N	Y	Y	5.600E+003	
		5.600E+003						
Fe-55		31		N	Y	Y	3.500E+001	
		3.500E+001						
Gd-153		4		N	Y	Y	5.200E+001	
		5.200E+001						
Hg-203	3			N	Y	Y	0.000E+000	
Ir-192		10		N	Y	Y	3.700E+001	
		3.700E+001						
Kr-85		89		N	Y	Y	1.300E+003	
		1.300E+003						
Mn-54	3			N	Y	Y	0.000E+000	
Na-22	4			N	Y	Y	0.000E+000	
Pm-147		45		N	Y	Y	4.000E+002	
		4.000E+002						
Po-210		37		N	Y	Y	4.500E+000	
		4.500E+000						
Sr-90		112		N	Y	Y	1.500E+002	
		1.500E+002						
Tl-204	30			N	Y	Y	1.000E-001	
	1.000E-001							
Y-88	3			N	Y	Y	0.000E+000	

Site (Data) : All Sites

Stock of waste as at December 2009

Country: THAILAND

Reporting Year: 2009

Attachment #840: SRS Data (LE30)

SRS thailand.xls

SRS inventory (as of January 2004)

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	N	Y	Y	3.900E+002	
		3.900E+002					
Am-241		679	N	Y	Y	3.200E+002	
		3.200E+002					
Am-241		31	N	Y	Y	9.900E+002	
		9.900E+002					
Ni-63		63	N	Y	Y	3.000E+001	
		3.000E+001					
Ra-226	5		N	Y	Y	8.000E-001	
	8.000E-001						
Ra-226	16		N	Y	Y	1.400E+000	
	1.400E+000						
Ra-226		1425	Y	N	Y	6.700E+003	
		6.700E+003					

Attachment #841: SRS Data (GT30)

SRS thailand.xls

SRS inventory (as of January 2004)

Site (Structure) : klong 5

Country: THAILAND

Reporting Year: 2009

Full Name: Klong 5 Storage Facility

Description:

Official Website:

License Holder(s): RWMC, TINT

Waste management facilities that are located at this site:

Facility:	SF-klong5					
Description:	Storage facility of Processed RI Waste, and conditioned DSRS (stored as LILW-LL)					
Storage part of facility SF-klong5						
The following shows storage status for waste classes and SRS.						
Waste Class	Actual	Planned				
VLLW	Yes	No				
LILW-SL	No	Yes				
LILW-LL	Yes	No				
HLW	No	No				
List SRS?	No					
List UMMT?	No					
Capacity:	approx. 1200 cu. meters					
Types of Storage Units						
Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
Main Store	building	2007	No	No	No	Yes

Site (Data) : klong 5

Stock of waste as at December 2009

Country: THAILAND

Reporting Year: 2009

Site Name: klong 5

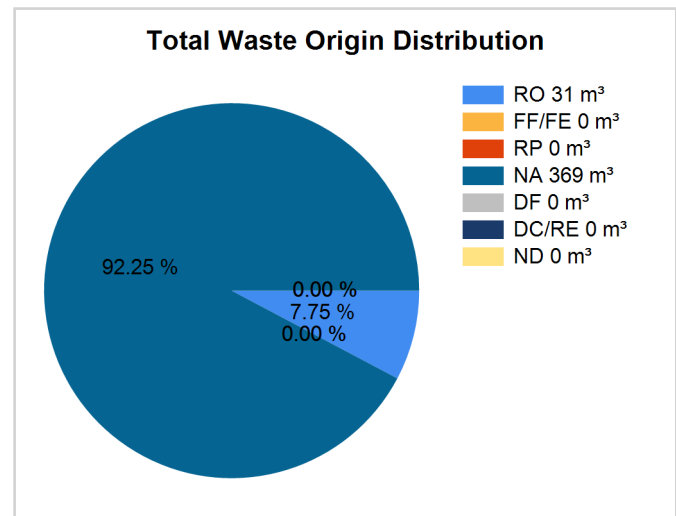
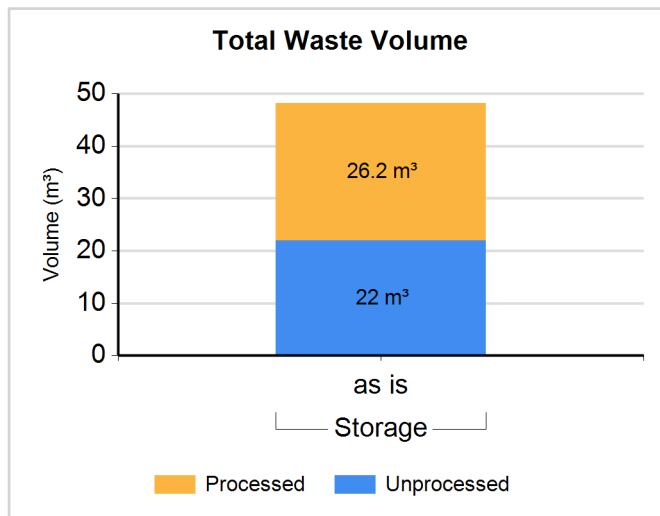
Full Name: Klong 5 Storage Facility

Inventory Reporting Date: December 2009

Waste Matrix Used: Thailand

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: VLLW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
VLLW	Storage	N	N	19.000	19.000	30.00	0.00	0.00	70.00	0.00	0.00	0.00
VLLW	Storage	Y	N	23.000	23.000	1.00	0.00	0.00	99.00	0.00	0.00	0.00

Comment # 22990: Revised number of drums

The unprocessed wastes (resin, plastic containers, contaminated steel, Monacite waste are kept in 95 drums (200 lit).
The processed wastes (compacted glass, ash, fly ash, cemented waste are kept in 115 drums (200 lit).

Waste Class: LILW-LL

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LILW-LL	Storage	N	N	3.000	3.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00
LILW-LL	Storage	Y	N	3.200	3.200	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Comment # 20232: Waste Storage facilities/Class LILW-LL/Site klong

Most of unprocessed waste(LILW-LL) came from the Monazite Extraction Plant (TINT), contained with Ra-228 the number of drums is 15 drums.
And the processed waste (LILW-LL) are the conditioned Ra-226 under the IAEA support since 2000-2004. The number of drums is 16 drums.

Regulators

Country: THAILAND

Reporting Year: 2009

Name:	OAP
Full Name:	Office of Atoms for Peace
Divison:	Bureau of Radiation Safety Regulation, Bureau of Nuclear Safety Regulation,
City or Town:	Bangkok
Main Website:	

Comment **# 6848: Wastes that are regulated by the Regulator**

Matrix Thailand - HLW, LILW-LL, LILW-SL, VLLW (exempt)

Note: At present, there is no HLW. The RW classifications need to be revised.

Regulations / Laws

Country: THAILAND

Reporting Year: 2009

Name:	AEPA 2504		
Title or Name:	Atomic Energy for Peace Act, B.E 2504 (B.E = Buddishm Era) Ministerial Regulation on Waste Management B.E. 2546 (2003)		
Reference Number:	Ministerial Regulation BE 2546 Art.1-13		
Date Promulgated or Proclaimed:	4/1/2003		Regulation

Comment **# 6849: Wastes that are regulated by the Regulation**

Matrix Thailand - HLW, LILW-LL, LILW-SL, VLLW (exempt)

Note: At present, there is no HLW

Milestones

Country: THAILAND

Reporting Year: 2009

Start Year or Reference Year:	2009	End Year:	2012										
Description of Milestone:													
<p>New Milestone: The Radioactive Waste Management Center will be re-located at the new site, Ongkharak district, Nakhon Nayok province. The processing and incinerating facilities will be constructed during the 5 year plan.</p> <p>The Project Schedule during year 2008-2012</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Items</th> </tr> </thead> <tbody> <tr> <td>2009</td> <td>Design of Storage & Incineration Systems</td> </tr> <tr> <td>2010</td> <td>Construction of Incineration System and Operation</td> </tr> <tr> <td>2011</td> <td>Plan for Construction of new Storage facility at Ongkharak site</td> </tr> <tr> <td>2012</td> <td>Plan for Operation of new Storage facility at Ongkharak site</td> </tr> </tbody> </table>				Year	Items	2009	Design of Storage & Incineration Systems	2010	Construction of Incineration System and Operation	2011	Plan for Construction of new Storage facility at Ongkharak site	2012	Plan for Operation of new Storage facility at Ongkharak site
Year	Items												
2009	Design of Storage & Incineration Systems												
2010	Construction of Incineration System and Operation												
2011	Plan for Construction of new Storage facility at Ongkharak site												
2012	Plan for Operation of new Storage facility at Ongkharak site												

Start Year or Reference Year:	2005	End Year:	2007
Description of Milestone:			
<p>The Atomic Energy for Peace Act B.E.2504 is being revised to match the development of Nuclear Technology in the country.</p>			

Start Year or Reference Year:	2004	End Year:	2006
Description of Milestone:			
<p>The construction of the Centralized Waste Processing and Storage Facilities at the new site, Ongkarak district, Nakhonnayok province has been delayed, due to the financial problem.</p>			

Start Year or Reference Year:	1989	End Year:	2003
Description of Milestone:			
<p>The Thai cabinet had a resolution in 1989 to relocate the Nuclear Research Center, comprising the research reactor, waste management facility, isotope production facility and other nuclear facilities in OAEP to more appropriate and safe location due to it is located near the Bangkok airport. The Prequalified Bidding for the new nuclear research center was performed in 1995. The final Bidding was done in 1996. In 1997, the OAEP signed contract with General Atomics to design and establish the new Nuclear Research Center at Ongkarak district, Nakhonnayok Province, 60 km away from OAEP. In year 2003, the OAEP got the construction permit for the new Research reactor.</p>			

Policies

Country: THAILAND

Reporting Year: 2009

National Systems

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

Policies

Country: THAILAND

Reporting Year: 2009

Activities		(Yes;Partially;No)
Q43	perform safety and environmental impact assessments for radioactive waste management facilities	Partially
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	Partially
Q46	establish and implement a quality assurance programme for the radioactive waste generated or its processing, storage and disposal	No
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	No
Q49	collect, analyze and, as appropriate, share operational experience to ensure continued safety improvements in radioactive waste management	Partially
Q50	conduct or otherwise ensure appropriate research and development to support operational needs in radioactive waste management	Partially
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"?	No
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: THAILAND

Reporting Year: 2009

Disposal Facilities

Licensing		(Yes - All;Yes - Some;No)
Q53	Environmental Assessment (EA)	No
Q54	Environmental Impact Statement (EIS)	No
Q55	Performance Assessment (PA)	No
Q56	Quality Assurance (QA)	No
Q57	Safety Assessment (SA)	No
Operation		(Yes - All;Yes - Some;No)
Q60	Does your Country have formal, documented waste acceptance criteria for its operating or proposed disposal facilities?	No
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?	No
Q63	Does your Country have any written policies to address active institutional controls or passive institutional controls, such as monitoring or access restrictions?	No

Policies

Country: THAILAND

Reporting Year: 2009

Processing/Storage

Policies/Procedures		(Yes;No)
Q73	waste sorting/segregation	Yes
Q74	waste minimization	No
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)	No
Q78	Does your country have any legislation, regulation, or policy that waste processing must take place prior to storage (see following note)	No
Implementation		(Yes;No)
Q80	In your Country are there any waste processing facilities at the same location where the waste is generated?	No
Q81	In your Country are there any centralized waste processing facilities?	Yes
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: THAILAND

Reporting Year: 2009

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)?	No
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?	No
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?	No
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
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)?	No
Spent Fuel		(Yes;No)
Q105	Does your Country have laws or Regulations restricting either the import or export of spent fuel?	No

Policies

Country: THAILAND

Reporting Year: 2009

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 - Some

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 - Some

Future Outlook

Country: THAILAND

Reporting Year: 2009

Data not available.

Future Outlook

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Reporting Year: 2009

Data not available.

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