

Site (Structure) : All Sites

Country: THAILAND

Reporting Year: 2006

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)
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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

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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

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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.

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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	