

Site (Structure) : Studsvik

Country: SWEDEN

Reporting Year: 2013

Full Name: Studsvik Research Center

Description:

Official Website:

License Holder(s): Studsvik AB / AB SVAFO

Studsvik AB / AB SVAFO

Waste management facilities that are located at this site:

Facility:	Cement		
Description:	Cement solidification of wet waste, ion exchange resins, concentrats etc.		
Processing part of facility		Cement	
The following shows processing status for waste classes and SRS.			
Waste Class	Actual	Planned	
VLLW	No	No	
LLW	No	No	
ILW	No	No	
HLW	No	No	
Type:	Conditioning		
Year opened:	1999		

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Facility:	Compaction															
Description:	Compaction of low active waste in containers															
Processing part of facility Compaction																
The following shows processing status for waste classes and SRS.																
<table border="1"><thead><tr><th>Waste Class</th><th>Actual</th><th>Planned</th></tr></thead><tbody><tr><td>VLLW</td><td>No</td><td>No</td></tr><tr><td>LLW</td><td>No</td><td>No</td></tr><tr><td>ILW</td><td>No</td><td>No</td></tr><tr><td>HLW</td><td>No</td><td>No</td></tr></tbody></table>	Waste Class	Actual	Planned	VLLW	No	No	LLW	No	No	ILW	No	No	HLW	No	No	
Waste Class	Actual	Planned														
VLLW	No	No														
LLW	No	No														
ILW	No	No														
HLW	No	No														
Type:	Treatment															
Year opened:	1970															

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Facility:	Hot cell		
Description:	Shielded treatment and conditioning of solid LILW. Cement as backfill in waste container.		
Processing part of facility		Hot cell	
The following shows processing status for waste classes and SRS.			
Waste Class	Actual	Planned	
VLLW	No	No	
LLW	No	No	
ILW	Yes	No	
HLW	No	No	
Type:	Conditioning		
Year opened:	0		

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Facility:	Incin															
Description:	Incineration of low active trash															
Processing part of facility Incin																
The following shows processing status for waste classes and SRS.																
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Waste Class	Actual	Planned														
VLLW	No	No														
LLW	No	No														
ILW	No	No														
HLW	No	No														
Type:	Treatment															
Year opened:	1976															

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Facility:	Melting		
Description:	Melting of low active scrap		
Processing part of facility		Melting	
The following shows processing status for waste classes and SRS.			
Waste Class	Actual	Planned	
VLLW	No	No	
LLW	No	No	
ILW	No	No	
HLW	No	No	
Type:	Treatment		
Year opened:	1987		

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Facility:	Studsvik
Description:	Rock cavern for storage of LILW

Storage part of facility **Studsvik**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW	No	No
LLW	No	No
ILW	Yes	No
HLW	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?
AM	cave	1985	No	No	No	No

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Facility:	Studsvik		
Description:	Landfill for LILW with very low activity content. Activity content, total 100 GBq. Specific activity max 300 Bq/g and surface dose rate max 0.5 mSv/h		
Disposal part of facility		Studsvik	
The following shows disposal status for waste classes and SRS.			
Waste Class	Actual	Planned	
VLLW	No	No	
LLW	Yes	Yes	
ILW	No	No	
HLW	No	No	
List SRS?	No		
List UMMT?	No		
Type:	trench(es)		
Facility is modular?	Yes		
Capacity existing (m3):	900	Capacity planned (m3):	1200
Depth (m):	0	Host medium:	crystalline rock (granite)
Phase Name	Start Year	End Year	Estimate
operation	1987	2040	False