

Site (Structure) : Studsvik

Country: SWEDEN

Reporting Year: 2008

Full Name: Studsvik Research Center
 Location: Outside Nyköping 100 km south of Stockholm
 Location: Outside Nyköping 100 km south of Stockholm
 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	
LILW-SL	No	No	
LILW-LL	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>LILW-SL</td><td>No</td><td>No</td></tr><tr><td>LILW-LL</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	LILW-SL	No	No	LILW-LL	No	No	HLW	No	No
Waste Class	Actual	Planned											
LILW-SL	No	No											
LILW-LL	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	
LILW-SL	No	No	
LILW-LL	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											
LILW-SL	No	No											
LILW-LL	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													
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Waste Class	Actual	Planned											
LILW-SL	No	No											
LILW-LL	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
LILW-SL	No	No
LILW-LL	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	
LILW-SL	Yes	Yes	
LILW-LL	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