

Site (Structure) : ROZAN

Country: POLAND

Reporting Year: 2013

Full Name: National Radioactive Waste Repository

Description:

Official Website:

License Holder(s): Radioactive Waste Management Plant

Comment # 20327: Site ROZAN

The National Radioactive Repository (NRWR) in Rozan is a near surface type repository, located 90 km north of Warsaw. The site was originally a military fort built in 1905, converted to a repository in 1961. It is a disposal site for low- and medium level waste containing beta and gamma isotopes and temporary storage for alpha emitters. In the first decade of NRWP operation, the concrete facility No 2, 3 and partially No 1 were filled with the waste. This waste was not segregated, only partially conditioned and packed in different packages (metal drums, wood cases, glass). Since 1968 short lived low- and medium level waste containing beta and gamma isotopes are disposed off in the part of moat adopted for that purpose. The floor and slopes of the moat were covered with 20 cm thick concrete layer. Waste is placed layer by layer and free space between packages is filled with concrete. Long-lived waste is placed in facility No 1 with intention of retrieval.

Waste management facilities that are located at this site:

Facility:	1					
Description:						
Storage part of facility 1						
The following shows storage status for waste classes and SRS.						
Waste Class	Actual	Planned				
LLW-SL	Yes	No				
LLW-LL	Yes	No				
MLW-SL	Yes	No				
MLW-LL	Yes	No				
HLW-SL	No	No				
HLW-LL	No	No				
List SRS?	No					
List UMMT?	No					
Capacity:						
Types of Storage Units						
Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
1	bunker	1961	No	No	No	Yes

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Facility:	2
Description:	Concrete bunker

Storage part of facility 2

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
LLW-SL	Yes	No
LLW-LL	No	No
MLW-SL	No	No
MLW-LL	No	No
HLW-SL	No	No
HLW-LL	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?
2	bunker	1961	No	Yes	No	No

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Facility:	3
Description:	

Storage part of facility 3

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
LLW-SL	Yes	No
LLW-LL	No	No
MLW-SL	No	No
MLW-LL	No	No
HLW-SL	No	No
HLW-LL	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?
3	bunker	1961	No	Yes	No	No

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Facility:	3a		
Description:			
Disposal part of facility 3a			
The following shows disposal status for waste classes and SRS.			
Waste Class	Actual	Planned	
LLW-SL	No	No	
LLW-LL	No	No	
MLW-SL	No	No	
MLW-LL	No	No	
HLW-SL	No	No	
HLW-LL	No	No	
List SRS?	Yes		
List UMMT?	No		
Type:	engineered surface		
Facility is modular?	Yes		
Depth (m):	4	Host medium:	sedimentary (sand)
Phase Name	Start Year	End Year	Estimate
operation	1993	0	True

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Facility:	8
Description:	It is a part of moat in a military fort . The floor and slopes were covered with 20 cm thick concrete layer. Wasate is placed layer by layer and free space between packages ere filled with concrete.

Disposal part of facility 8

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
LLW-SL	No	No
LLW-LL	No	No
MLW-SL	No	No
MLW-LL	No	No
HLW-SL	No	No
HLW-LL	No	No

List SRS?	Yes
List UMMT?	No

Type:	engineered surface
Facility is modular?	No

Depth (m):	7	Host medium:	sedimentary (sand)
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Phase Name	Start Year	End Year	Estimate
operation	1967	2020	True