

Site (Structure) : Novi Han

Country: BULGARIA

Reporting Year: 2005

Full Name: Novi Han Repository

Location: Losen Mountain, near the village of Novi Han, altitude 920 m

Description:

Official Website:

License Holder(s): Institute of Nuclear Research and Nuclear Energy, 72 Tzarigradsko Chaussee Blvd.,
1784 Sofia, Bulgaria; tel: ++ 359 2 974 37 61, fax: ++ 359 2 975 36 19, e-mail:
INRNE@INRNE.BAS.BG

Waste management facilities that are located at this site:

Facility:	Accidental
Description:	Engineered trench for disposal of LIL solid waste generated during accident (originally planned) and normal operation

Site (Structure) : Novi Han

Country: BULGARIA

Reporting Year: 2005

Disposal part of facility **Accidental**

The following shows disposal status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	No		
Capacity existing (m3):	200	Capacity planned (m3):	200

Depth (m):	3-4	Host medium:	crystalline rock (other)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1960	1960	False
site selection	1960	1962	False
design	1984	1984	False
construction	1984	1984	False
commissioning	1984	1984	False
operation	1984	1994	False
EVENT: operating license suspended	1994		False

Site (Structure) : Novi Han

Country: BULGARIA

Reporting Year: 2005

Facility:	Biological
Description:	Concrete vault for disposal of biological waste

Disposal part of facility Biological

The following shows disposal status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	No		
Capacity existing (m3):	80	Capacity planned (m3):	80

Depth (m):	3-4	Host medium:	crystalline rock (other)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1960	1960	False
site selection	1960	1962	False
design	1962	1962	False
construction	1962	1964	False
commissioning	1964	1964	False
operation	1964	1994	False
EVENT: operating license suspended	1994		False

Site (Structure) : Novi Han

Country: BULGARIA

Reporting Year: 2005

Facility:	Liquid					
Description:	Liquid waste storage tanks					
Storage part of facility Liquid						
The following shows storage 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					
Capacity:	4 stainless steel tanks 12 m3 each, total capacity 48 m3					
Types of Storage Units						
Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
Liquid	tank (stainless steel)	1964	No	No	Yes	No

Site (Structure) : Novi Han

Country: BULGARIA

Reporting Year: 2005

Facility:	Solid
Description:	Concrete vault for disposal of solid waste originating from nuclear applications

Disposal part of facility Solid

The following shows disposal status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	No		
Capacity existing (m3):	237	Capacity planned (m3):	237

Depth (m):	3-4	Host medium:	crystalline rock (other)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1960	1960	False
site selection	1960	1962	False
design	1962	1962	False
construction	1962	1964	False
commissioning	1964	1964	False
operation	1964	1994	False
EVENT: operating license suspended	1994		False

Site (Structure) : Novi Han

Country: BULGARIA

Reporting Year: 2005

Facility:	SRS
Description:	Concrete vault for disposal of spent SRS.

Disposal part of facility SRS

The following shows disposal status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Type:	engineered surface		
Facility is modular?	No		
Capacity existing (m3):	1	Capacity planned (m3):	1

Depth (m):	5.5	Host medium:	crystalline rock (other)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1960	1960	False
site selection	1960	1962	False
design	1962	1962	False
construction	1962	1964	False
commissioning	1964	1964	False
operation	1964	1994	False
EVENT: operating license suspended	1994		False

Site (Structure) : Novi Han

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Reporting Year: 2005

Facility:	Stor2000
Description:	Storage units for acceptance of waste generated in nuclear applications, built after 2000

Storage part of facility Stor2000

The following shows storage status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Capacity:	Current capacity according to operating license about 950 m3
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
JPK	container (ISO)	2000	No	No	Yes	Yes
PEK	not in list	2000	No	No	Yes	Yes
GOU	not in list	2001	No	No	Yes	Yes
KUB	not in list	2003	No	No	Yes	Yes
Lot 4	concrete pad	2000	No	No	No	No

Site (Structure) : Novi Han

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Reporting Year: 2005

Facility:	WPF		
Description:	Waste Processing Facility		
<p>Processing part of facility WPF</p> <p>The following shows processing status for waste classes and SRS.</p>			
Waste Class	Actual	Planned	
LILW-SL	Yes	Yes	
LILW-LL	Yes	Yes	
HLW	No	No	
Type:	Treatment, Conditioning		
Year opened:	1964		