

Site (Structure) : NTS

Country: UNITED STATES OF AMERICA

Reporting Year: 2008

Full Name: Nevada Test Site

Location: Mercury, Nevada (northwest of Las Vegas)

Description:

Official Website:

License Holder(s): U.S. Department of Energy, National Nuclear Security Administration, Nevada Site Office

Waste management facilities that are located at this site:

Facility:	Area 5 GCD
Description:	Greater confinement boreholes at Area 5

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Disposal part of facility**Area 5 GCD**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
TRU	Yes	No
LLW	No	No
11e2 Byproduct Material	No	No

List SRS?	No
List UMMT?	No

Type:	borehole		
Facility is modular?	No		
Capacity existing (m3):	1900	Capacity planned (m3):	1900

Depth (m):	36	Host medium:	volcanic tuff
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Phase Name	Start Year	End Year	Estimate
construction	1983	1989	False
commissioning	1983	1989	False
operation	1983	1989	False
closure	1984	2015	True
institutional control	2015		True

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Facility:	Area 5 MW
Description:	Area 5 Pit 3, Mixed Waste Disposal Unit

Disposal part of facility **Area 5 MW**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
TRU	No	No
LLW	Yes	Yes
11e2 Byproduct Material	No	No

List SRS?	No
List UMMT?	No

Type:	trench(es)		
Facility is modular?	No		
Capacity existing (m3):	20000	Capacity planned (m3):	20000

Depth (m):	2-30	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
design		2002	False
construction		2003	False
commissioning		2003	False
operation	1995	2015	False
closure	2015	2015	True
institutional control	2015		True

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Facility:	Area3&5LLW
Description:	Areas 3&5 Radioactive Waste Management Sites (Area 3-use of subsidence craters from testing for LLW disposal) (Area 5-trenches)

Disposal part of facility **Area3&5LLW**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
TRU	No	No
LLW	Yes	Yes
11e2 Byproduct Material	No	No

List SRS?	No
List UMMT?	No

Type:	trench(es)		
Facility is modular?	No		
Capacity existing (m3):	3700000	Capacity planned (m3):	3700000

Depth (m):	2-30	Host medium:	sedimentary (sand)
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Phase Name	Start Year	End Year	Estimate
construction	1960	1960	False
commissioning	1960	1960	False
operation	1960	2015	False
closure	1965	2015	True
institutional control	2015		True

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Facility:	Area5Store
Description:	Storage of TRU and LLW awaiting disposal

Storage part of facility**Area5Store**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
TRU	Yes	No
LLW	Yes	No
11e2 Byproduct Material	No	No

List SRS?	No
List UMMT?	No

Capacity:	Pads covered with buildings store TRU waste shipped from other sites pending WIPP disposal. Other pads for LLW awaiting disposal. Capacity is sufficient for lifecycle
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
TRU	building	1974	No	No	No	No
LLW	various	1974	No	No	No	No