

## Site (Structure) : Tokai

Country: JAPAN

Reporting Year: 2004

Full Name: Japan Atomic Energy Research Institute ::  
Tokai Research Establishment

Location: Tokai Vil., Ibaraki Pref.

Description:

Official Website:

License Holder(s): Japan Atomic Energy Research Institute (JAERI)

Note: Japan Atomic Energy Agency (JAEA) has been newly established with the integration of JAERI and JNC as of October 1, 2005.

Waste management facilities that are located at this site:

<b>Facility:</b>	<b>DSP</b>
<b>Description:</b>	Waste Disposal facility (Waste burial test site in the JPDR dismantling project)

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**Disposal part of facility DSP**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
WcTRU	No	No
UW	No	No
WfPR	No	No
WfNA	Yes	No
RIW	No	No

List SRS?	No
List UMMT?	No

Type:	trench(es)		
Facility is modular?	Yes		
Capacity existing (m3):	2520	Capacity planned (m3):	2520

Depth (m):	2.5 - 6.0	Host medium:	sedimentary (sand)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1981		False
commissioning		1995	False
operation	1995	1996	False
closure	1996		False
institutional control	1996	2046	False

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<b>Facility:</b>	<b>R&amp;D</b>
<b>Description:</b>	Research reactors, accelerators and laboratories; Treatment and storage of radioactive wastes originated from both in-site and other generator's sites have been carried out in this site.

**Storage part of facility****R&D**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
WcTRU	No	No
UW	No	No
WfPR	No	No
WfNA	Yes	Yes
RIW	Yes	Yes

List SRS?	No
List UMMT?	No

Capacity:	139,350 drums (27,870 m <sup>3</sup> ) for solid
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## Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
WS1(M-2)	pit	1962	No	No	No	No
WS1(L)	pit	1965	No	Yes	No	No
WS1(WSR/B)	building	1998	No	No	No	No
WS2(NL)	pit	1986	No	Yes	No	No
WS2(I)	building	1980	No	Yes	No	No
WS2(II)	building	1990	No	Yes	No	No
WS1(M-1)	pit	1962	No	Yes	No	No

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**Processing part of facility**                      **R&D**

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
WcTRU	No	No
UW	No	No
WfPR	No	No
WfNA	Yes	Yes
RIW	Yes	Yes

Type:	Treatment, Conditioning
Year opened:	0

Comment                      **# 7110: Storage Units in JAERI::Tokai**

- WS1(M-1): Waste Storage Facility No.1 Waste storage facility M-1
- WS1(M-2): Waste Storage Facility No.1 Waste storage facility M-2
- WS1(L): Waste Storage Facility No.1 Waste storage facility L
- WS1(WSR/B): Waste Storage Facility No.1 Waste Size Reduction and Storage facilities
- WS2(NL): Waste Storage Facility No.2 Waste storage building (NL)
- WS2(I): Waste Storage Facility No.2 Waste building 1
- WS2(II): Waste Storage Facility No.2 Waste building 2