

Site (Structure) : Tokai

Country: JAPAN

Reporting Year: 2004

Full Name: Japan Atomic Power Co., Inc. ::
Tokai Power Station & Tokai Daini Power Station

Location: Tokai Vil., Ibaraki Pref.

Description:

Official Website:

License Holder(s): Japan Atomic Power Co., Inc. (JAPC)

Comment **# 6928: Power Reactor facility**

- Tokai-1(GCR, 166MWe) final shutdown 1998-03-31
- Tokai-2(BWR, 1,110MWe) op 1978-11-28

Tokai(GCR) is in Decommissioning since December 2001.

Comment **# 9814: (former) Laser-J facility**

The Laser-J, Laser Atomic Separation Engineering Research Association of Japan, was co-founded in 1987 with 9 EPCs, JAPC, JNFL and CRIEPI in order to develop the atomic vapor laser uranium enrichment technology. The experiment facility was built in the JAPC's premises in 1990 and the R&D work continued until 2003. Afterward, all machinery and equipments are dismantled and stored in the site. The Laser-J dissolved on March 2005 and the JAPC took over the management and maintenance of the waste storage building.

Waste management facilities that are located at this site:

Facility:	Laser-J
Description:	Former Laser-J RWM

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Storage part of facility Laser-J

The following shows storage status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Capacity:	3,000 drums (600 m ³)
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
WS/B	building	2003	Yes	No	No	No

Comment **# 9813: Storage Units in Laser-J**

The former experiment building was altered for all waste storage.

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Facility:	NPP
Description:	JAPC Tokai NPP; radioactive waste management (RWM) associated with Nuclear Reactor Installation/Operation

Storage part of facility NPP

The following shows storage status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Capacity:	1,600 drums (320 m ³) for SWSF (of Tokai NPS) 73,000 drums (14,600 m ³) for SWSF (of Tokai-2 NPS)
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
Drum S/B	building	1966	No	No	No	No
SWS/B-A	building	1978	No	No	No	No
SWS/B-B	building	1982	No	No	No	No
RW/B	building	1982	No	No	No	No
Bunker-GCR	bunker	1986	No	No	No	No

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Processing part of facility NPP

The following shows processing status for waste classes and SRS.

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

Type:	Treatment, Conditioning
Year opened:	0

Comment **# 7037: Storage Units in JAPC::Tokai NPP (GCR, BWR)**

- SWS/B: Solid Waste Storage Bldg.
- RW/B: Radioactive Waste Bldg.

The bunker facility in RW/B, which has storage pool dedicated for core parts, has been established in 1986 for effective utilization of GCR pool. Spent fuel pool of BWR and several tanks may correspond to storage units, however are left out. (See comment in waste inventory section.)