

Site (Structure) : BRINJE S

Country: SLOVENIA

Reporting Year: 2008

Full Name: Central Storage Facility for Radioactive Waste in Brinje (CISF)

Location: Research Reactor Centre, Brinje 40 (near Ljubljana), Slovenia

Description:

Official Website:

License Holder(s): ARAO - Agency for Radwaste Management, Parmova 53, SI-1000 Ljubljana, Slovenia

Waste management facilities that are located at this site:

Facility:	CISF
Description:	Central Storage Facility for Radioactive Waste in Brinje. A storage for low and intermediate level waste from small producers (medicine, industry and research).

Storage part of facility CISF

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW	No	No
LLW	Yes	No
ILW	Yes	No
HLW	No	No

List SRS?	Yes
List UMMT?	No

Capacity:	~145 m3. Sufficient capacity for 10 years is available.
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
CISF-LILW	building	1986	No	No	No	Yes

Comment **# 12166: Storage Facility CISF**

The storage is a near-surface concrete building with the roof covered with a soil layer. The building is subdivided by concrete walls into nine storage sections and an entrance area. The ground plan of the facility is 10.6 m x 25.7 m with a height of 3.6 m. The useful capacity of the storage is about 145 m3, and the remaining small area is intended for workers, for loading and unloading the waste and for internal transport. The storage section at the back end of the building is deeper relative to the level of the other sections, and is intended for storage of more active spent sources. The facility is equipped with a ventilation system for reducing radon concentration and air contamination in the storage facility. The water and sewage collecting system is designed as a closed system to retain all liquids from the storage facility in the sump. Liquids are discharged after the measurements of the radioactive contamination which has to be below the limitation in the regulation. The electricity supply system is used for illumination of the storage facility, for heating of auxiliary rooms and for the powering of ventilation. The storage facility is also protected by an alarm system which is connected to a 24-hour security service.