

## Site (Data) : Shimane

Stock of waste as at March 2005

Country: JAPAN

Reporting Year: 2004

**Site Name:** ShimaneFull Name: The Chugoku Electric Power Co., Inc. ::  
Shimane Nuclear Power Station

Inventory Reporting Date: March 2005

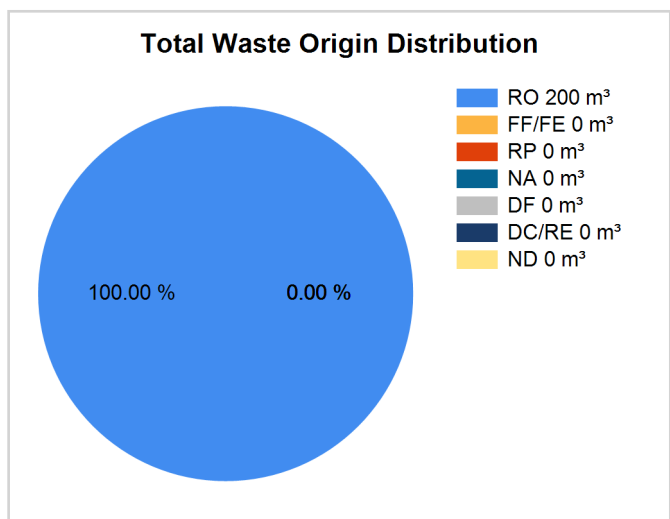
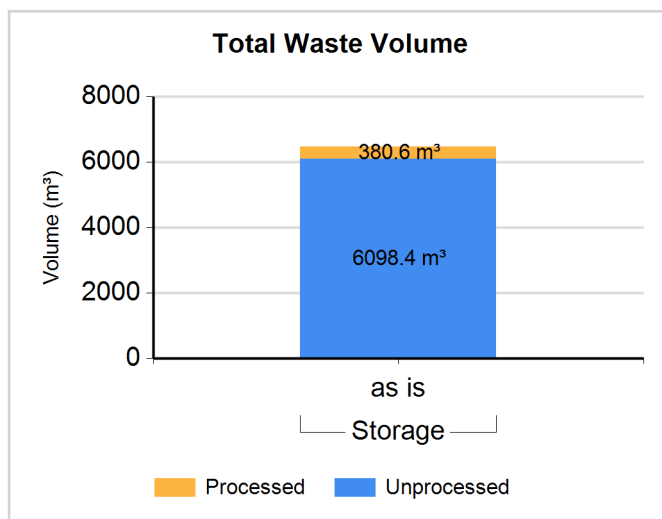
Waste Matrix Used: JP

Comment # 6919: Power Reactor facility

- Shimane-1(BWR, 460MWe) op 1974-03-29
- Shimane-2(BWR, 820MWe) op 1989-02-10

**Waste Inventory**

Est=distribution is an estimate, Proc.=Is the waste processed (Yes/No)? RO=Reactor Operations, FF/FE=Fuel Fabrication/Fuel Enrichment, RP=Reprocessing, NA=Nuclear Applications,DF=Defence, DC/RE=Decommissioning/Remediation, ND=Not Determined



Note: where volume "as dispo" is provided, volume "as is" is used in the graph instead.

**Waste Class:** WfPR

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
WfPR (solid)	Storage / NPP	N	N	6098.400	6098.400	100.00	0.00	0.00	0.00	0.00	0.00	0.00
WfPR (solid)	Storage / NPP	Y	N	380.600	380.600	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment # 9826: Waste Inventory in ChugokuEP::Shimane NPP

- 28,585 drums (200L equivalent) in SWS/B
  - 762 m³ in tanks
- †:Waste stored in pools/bunker are not reported.  
+ 187 spent control rods, 4,010 channel box etc., other 55 m³

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**Processing - Treatment method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Compaction	N	N	Same	N
Evaporation	N	N	Same	N
Incineration	N	N	Same	N
Size Reduction	N	N		Y

Comment **# 9887: Waste Processing in ChugokuEP::Shimane NPP**  
Dismantling of the replaced shroud from Shimane-1 was reported as "size reduction".

**Processing - Conditioning method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Casting (of metal and slag)	N	N	Same	N
Cementation	N	N	Suspended	N
Grouting	N	N	Same	N
Polymerization	N	N	Intermittent	N