

Site (Data) : Ohi

Stock of waste as at March 2005

Country: JAPAN

Reporting Year: 2004

Site Name: Ohi

Full Name: The Kansai Electric Power Co., Inc. ::
Ohi Nuclear Power Station

Inventory Reporting Date: March 2005

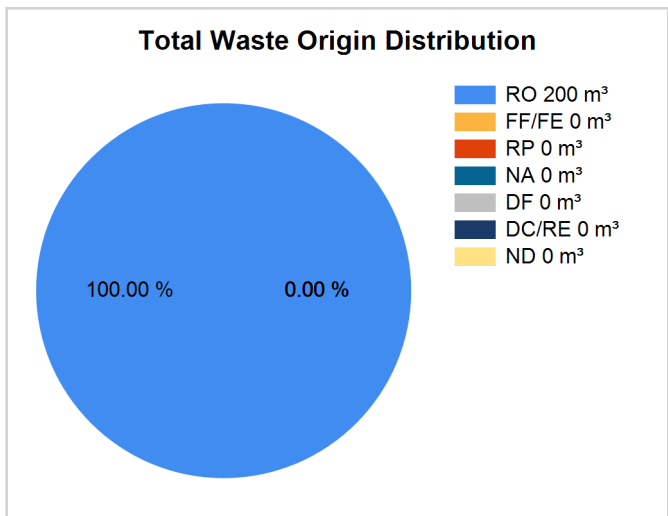
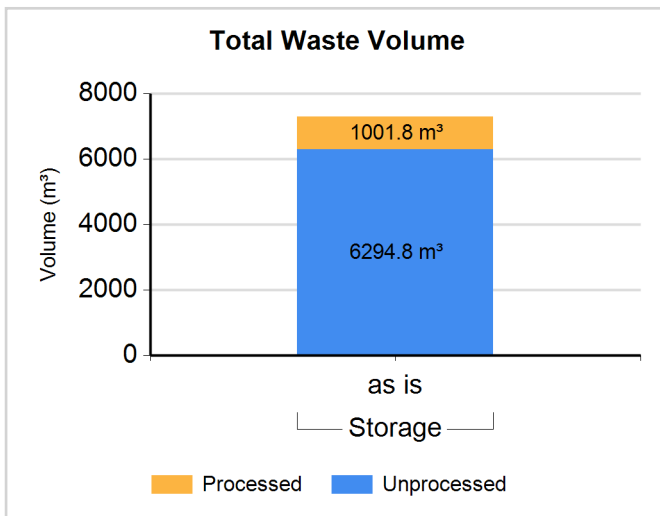
Waste Matrix Used: JP

Comment # 6942: Power Reactor facility

- Ohi-1(PWR, 1,175MWe) op 1979-03-27
- Ohi-2(PWR, 1,175MWe) op 1979-12-05
- Ohi-3(PWR, 1,180MWe) op 1991-12-18
- Ohi-4(PWR, 1,180MWe) op 1993-02-02

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	6294.800	6294.800	100.00	0.00	0.00	0.00	0.00	0.00	0.00
WfPR (solid)	Storage / NPP	Y	N	1001.800	1001.800	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment # 9833: Waste Inventory in KansaiEP::Ohi NPP

- 23,958 drums (200L equivalent) in SWS/B
 - 2,417 m³ in SGS/B
 - 88 m³ in tanks
- †:Waste stored in pool/bunker and replaced SGs are not reported.
+ 8 Steam Generators, 1,122 spent control rods etc.

Site (Data) : Ohi

Stock of waste as at March 2005

Country: JAPAN

Reporting Year: 2004

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
Ion Exchange	N	N	Same	N

Comment **# 9834: Waste Processing in KansaiEP::Ohi NPP**

Desorption of spent resin was reported as "Ion Exchange".

Processing - Conditioning method(s)

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Bituminization	N	N	Same	N
Cementation	N	N	Same	N
Grouting	N	N	Same	N
Solidification	N	N	Same	N

Comment **# 9835: Waste Processing in KansaiEP::Ohi NPP**

Solidification: Slurry waste such as condensed wastewater are converted to solid waste form (pellet).

Cementation: Those pelletized wastes are solidified into a container (drum) with water-glass cement to produce disposal packages; reported as current practice. Note that the cement-mixing method, which had been used for conditioning of slurry waste, is a past practice.