

Site (Data) : Genkai

Stock of waste as at March 2005

Country: JAPAN

Reporting Year: 2004

Site Name: GenkaiFull Name: Kyushu Electric Power Co., Inc. ::
Genkai Nuclear Power Station

Inventory Reporting Date: March 2005

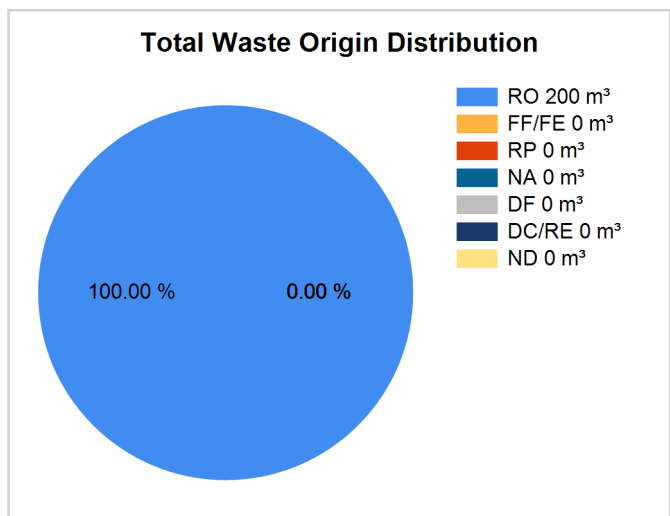
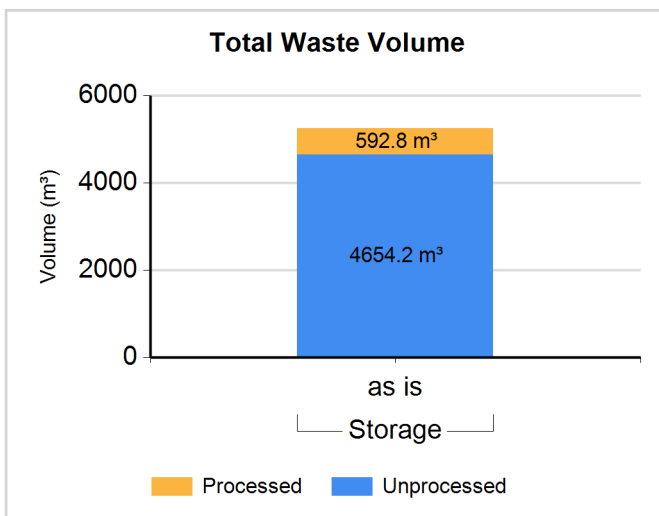
Waste Matrix Used: JP

Comment # 6944: Power Reactor facility

- Genkai-1(PWR, 559MWe) op 1975-10-15
- Genkai-2(PWR, 559MWe) op 1981-03-30
- Genkai-3(PWR, 1,180MWe) op 1994-03-18
- Genkai-4(PWR, 1,180MWe) op 1997-07-25

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	4654.200	4654.200	100.00	0.00	0.00	0.00	0.00	0.00	0.00
WfPR (solid)	Storage / NPP	Y	N	592.800	592.800	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Comment # 9836: Waste Inventory in KyushuEP::Genkai NPP

- 23,495 drums (200L equivalent) in SWS/B
 - 420 m³ in SGS/B
 - 128 m³ in tanks
- †:Waste stored in pool/bunker and replaced SGs are not reported.
+ 4 Steam Generators, 641 spent control rods etc.

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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
Ion Exchange	N	N	Same	N

Comment # 9837: Waste Processing in KyushuEP::Genkai 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
Casting (of metal and slag)	Y	N		N
Cementation	N	N	Same	N
Grouting	Y	N		N