

Site (Data) : Tokai

Stock of waste as at March 2005

Country: JAPAN

Reporting Year: 2004

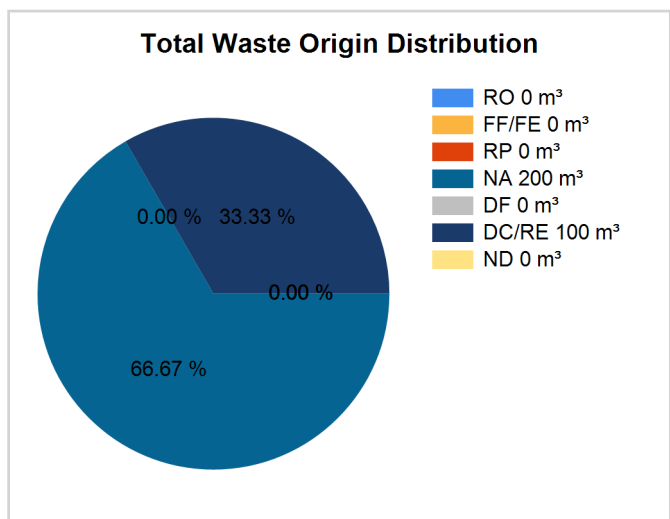
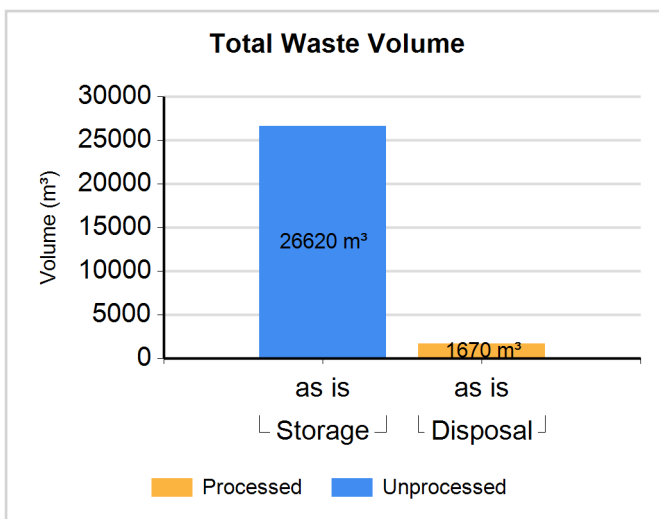
Site Name: TokaiFull Name: Japan Atomic Energy Research Institute ::
Tokai Research Establishment

Inventory Reporting Date: March 2005

Waste Matrix Used: JP

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: WfNA

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
WfNA (solid)	Storage / R&D	N	N	19100.000	19100.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00
WfNA (solid)	Disposal / DSP	Y	N	1670.000	1670.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00

Comment # 9873: WfNA inventory in JAERI::Tokai

95,500 drums (200L equivalent) of solid waste, regulated by the "Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material and Reactors", and most of those are also regulated as RIW.

Waste Class: RIW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
RIW (solid)	Storage / R&D	N	N	7520.000	7520.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Comment # 9874: RIW inventory in JAERI::Tokai

37,600 drums (200L equivalent) of solid waste, regulated by the "Law concerning Prevention from Radiation Hazards due to Radioisotopes, 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
Chemical Precipitation	N	N		Y
Compaction	N	N	Same	N
Decontamination	N	N	Same	N
Evaporation	N	N	Decrease	N
Incineration	N	N	Same	N
Ion Exchange	N	N	Same	N
Segregation/Sorting	N	N	Same	N
Shredding	N	N	Same	N
Size Reduction	N	N	Intermittent	N

Processing - Conditioning method(s)

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