

HAZARDOUS MATERIALS MANAGEMENT

Magnolia Power Project - Appendix B

Material	Purpose	Usage/Day	Maximum Stored	Storage Type
Lubricating oil	-	As needed	10,000 gal.	Lubricating sumps of turbine and combustion and steam
Mercury	Instruments and controls	As needed	0	Bottle
Mineral oil	Transformers	As needed	1,000 gal.	Transformers
Nitrogen	Transformers	As needed	275 cf.	Cylinder
Oxygen scavenger solution	Feedwater oxygen control	6 lb	300 gal.	Portable vessel
Oxygen – gaseous	Welding operation	As needed	275 cf.	Cylinder
Paint	Paint shack	25 gallons	100 gal.	Can
Sodium hydroxide	Spill neutralization	As needed	2 gal.	Carboy
Sodium hypochlorite (12% wt NaOCl)	Biocide for condenser cooling water system water treatment	109 gal.	7,500 gal.	Aboveground storage tank, plastic
Sodium metabisulfate	Dechlorination of Discharge 001	300 gal.	4,5000 gal	FRP Tank
Sodium nitrite (NaNO ₂)	Chemical cleaning of HRSG	As needed	Temporary only	Portable vessel
Sulfuric acid for station batteries	Electrical/ctrl. bldg., Combustion turbine, miscellaneous	As needed	100 gal.	Battery Battery Battery
Asbestos containing debris	Hazardous waste storage area and accumulation areas	2,000 lb	15,000 lb	Steel drum
Waste lubricating oil	Hazardous waste storage area and accumulation area	220 lb	550 lb	Steel drum
Waste mineral oil for transformers	Hazardous waste storage area and accumulation area	110 lb	330 lb	Steel drum
Waste oil and solvent	Hazardous waste storage area and accumulation area	450 lb	1,350 lb	Steel drum
Waste paint and thinner	Hazardous waste storage area and accumulation area	55 lb	110 lb	Steel drum

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