TABLE 8.12-3
CPP Chemical Inventory for 1000 MW Facility

Trade Name	Chemical Name	CAS[a] Number	Maximum Quantity On-site	Hazardous Characteristics	CERCA SARA RQ[b]	LaFollette Bill TPQ[c]	Prop 65
Acutely Hazardous Materials							
Aqueous Ammonia (29% solution)	Ammonium Hydroxide	1336-21-6 (for NH3 -H 2O)	1-18,000-gal. Tank, 15,000-gal. Solution, 33,000 lb. NH3	Corrosive Volatile	100 lb.	500 lb.	No
NALCO 356	Cyclohexylamine (20 to 40%) Morpholine (5 to 10%)	108-91-8 110-91-8	6,800 gal.	Corrosive	10,000 lb. d	10,000 lb. d	No No
NALCO TRIACT 1800	Cyclohexylamine (10 to 20%) Ethanolamine (10 to 20%) Methoxypropylamine (10 to 20%)	108-91-8 141-43-5 5332-73-0	6,800 gal.	Corrosive	100,000 lb. d d	10,000 lb. d d	No No No
Sulfuric Acid	Sulfuric Acid	7664-93-9	600 gal.	Corrosive	1,000 lb.	1,000 lb.	No
Hazardous Materials							
Bleach	Sodium Hypochlorite	7681-52-9	16,800 gal.	Corrosive	100 lb.	d	No
NALCO 7383	Sodium Hydroxide (50%)	1310-73-2	600 gal.	Corrosive	1,000 lb.	d	No
Disodium Phosphate	Sodium Phosphate	7558-79-4	1,900 lb.	Toxic	5,000 lb.	d	No
Trisodium Phosphate	Tri-Sodium Phosphate	7601-54-9	1,900 lb.	Toxic	5,000 lb.	d	No
NALCO 8306 Plus	Sodium Tolyltriazole	64665-57-2	10,000 gal.	Toxic	d	d	No
Hydrochloric Acid	Hydrochloric Acid	7647-01-0	100 gal.	Corrosive	5,000 lb.	d	No
Citric Acid	Hydroxy-propionic-tricarboxylic Acid	77-92-9	170 lb.	Corrosive	d	d	No
Hydroxyacetic Acid	Gyrolic Acid	None	170 gal.	Corrosive	d	d	No
Formic Acid	Methanoic Acid	64-18-6	170 gal.	Corrosive	5,000 lb.	d	No
STABREX ST70	Sodium Hydroxide (1 to 5%) Sodium Hypobromite (10 to 20%)	1310-73-2 13824-96-9	6,800 gal.	Corrosive/Toxic	1,000 lb.	d	No
NALCO 7280	Polyacrylic Acid (20 to 40%)	Trade Secret	840 gal.	Toxic	d	d	No
NALCO ELIMIN-OX	Carbohydrazide	497-18-7	6,800 gal.	Nonhazardous	None	None	No
NALCO 7408	Sodium Bisulfite (40 to 70%)	7631-90-5	840 gal.	Corrosive	5,000 lb.	d	No
NALCO 22106	Sodium Polyacrylate Aryl Sulfonate	N/A	6,800 gal.	Toxic	d	d	No

Appendix B
Source: SMUD 2001a, Table 8.12-3

TABLE 8.12-3
CPP Chemical Inventory for 1000 MW Facility

Trade Name	Chemical Name	CAS[a] Number	Maximum Quantity On-site	Hazardous Characteristics	CERCA SARA RQ[b]	LaFollette Bill TPQ[c]	Prop 65
NALCO 7213	Tetrasodium ethylenedia-minetetraace-tate (10 to 20%)	64-02-8	3,400 gal.	Corrosive	[d]	[d]	No
Mineral Insulating Oil	Oil	None	274,000 gal.	Combustible	42 gal.[e]	[d]	Yes
Lubrication Oil	Oil	None	65,000 gal.	Flammable	42 gal.[e]	[d]	Yes
Ammonium bifluoride	Ammonium bifluoride	1341-49-7	200 lb. initially and once every 3 to 5 years	Corrosive/Toxic	100 lb.	[d]	No
Sodium carbonate	Sodium carbonate	497-19-8	500 lb. initially and once every 3 to 5 years	Corrosive/Toxic	[d]	[d]	No
Sodium nitrate	Sodium nitrate	7631-99-4	500 lb. initially and once every 3 to 5 years	Toxic	[d]	[d]	No
Detergents	Various	None	340 gal.	Toxic	[c]		
Laboratory Reagents (liquid)	Various	None	40 gal.	Toxic	[c]		
Laboratory Reagents (solid)	Various	None	340 lb.	Toxic	[c]		

[a] CAS Chemical Abstract Service
[b] Reportable quantity per CERCLA. Release equal to or greater than RQ must be reported. Under California law, any amount that has a realistic potential to adversely affect the environment or human health or safety must be reported.
[c] Threshold Planning Quantity. If quantities of acutely hazardous materials equal to or greater than TPQ are handled or stored, they must be registered with the local Administering Agency.
[d] No reporting requirement.
[e] Must be reported if it does or will reach California state waters or if the quantity released is a "harmful quantity."