

HTF (heat transfer fluid) 1,000,000 gallons in solar thermal that has to be disposed off

Pond no public access prior study assumed it stayed

Pics

- 1 - Unit 2 A xformer typical of 2 per steam unit  
918,700 lb Unit 2 513 Tank & cot 159,000
- 2 - Unit 2 aux cond coil 61,150 tank 17,000  
130,020 total
- 3 - Starting xformer, no nameplate
- 4 - UI ESP
- 5 - " stack
- 6 - Cooling pond
- 7 - UI Top of Boiler
- 8 - UI Soot blowers
- 9 - UI Air heater
- 10 - UI Condensate Tank
- 11 - UI STG
- 12 - UI Turbine driven feed pumps 1 of 2
- 13 - UI FWH - turbine deck
- 14 - UI FWHs - mezzanine level
- 15 - UI FWH nameplate
- 16 - " " "
- 17 - UI A FD fan motor typical of 4 per unit
- 18 - " ID - 4 IDs per unit  
2 GIs per unit
- 19 - Water tanks
- 20 - Oil tanks
- 21 - Brick lined stack
- 22 - Burner pumps for oil - 3 per Unit
- 23 - Solar Thermal
- 24 - " " "



25	HTF	Catch tank	
26	HTF	to steam heat exchangers	
27	"	" " " " "	
28	HTF	pump	
29	"	"	
30	HTF	Overflow vessel - typical of 6	
31	U8	Cooling tower	
32		Aux cooling circ pump	x 2
33		Main cooling circ water pump	x 2
34		Fiberglass cooling tower	
35	U8	CT GSU	1 of 4 typical
36	U8	STG GSU	
37	U8	STG	
38		ST	
39		Cooling tower + ST	
40		HRSG typical of 4	
41		HRSG steam drum	typical of 3 per unit
42	U8	BFP	
43	U3	Startup x former	1 per CCGT
44	U3	CT GSU	2 per CCGT
45	U4	STG GSU	1 per CCGT
46	U4	STG	
47	U3	Circ water pump	typical of 2 per CCGT
48	"	" " " "	for U3 + 4
49	U1	Circ water pump	4 per unit 1+2
50	"	" " " "	
51	U1	open cooling water pump	typical of 2 per unit 1+2
52		Traveling screens	



Martin Items of note

Unit 1 + 2 are identical  
 " " " are sister units to Manatee  
 Each of Unit 1 + 2 have 2 GSCs each rated  
 @ half of the output  
 Took pics of 1 nameplate which is typical  
 of 4

Unit 3 + 4 are identical 2x1 GE 7FA CCGTs

Unit 8 is a 4x1 GE 7FA CCGT

