

Ed Speck-Kern

Municipal Reclaim water for cooling
Potable City water for Demin make-up

Condenser tubes - not sure about materials

Cooling tower is fiberglass

SCR w/ aqueous ammonia
Not sure about CO catalyst

Dual fuel units

Photos

- 1 - Unit 2 A HRSG Steam drums
- 2 - " " " "
- 3 - Unit 2 STG B+C CT air inlets
- 4 - Unit 2 cooling tower
- 5 - From top of U2 looking @ U1
- 6 - " " " " " Tanks
- 7 - Aux boiler
- 8 - U2 ST Nameplate
- 9 - U2 STG "
- 10 - U2 cooling tower Circ pump (typical of 2 per cooling tower)
- 11 - Aux cooling pump (typical of 2 per cooling tower)
- 12 - U2 STG GSH nameplate (typical)
- 13 - U2 CTG GSH (typical 1 per CT)
- 14 - U2 aux transformer (typical 2 per Unit)
- 15 - Condensate pump (typical 2 per ST)
- 16 - " " "
- 17 - " " nameplate
- 18 - Closed cooling water pumps (typical 2 per ST)
- 19 - Boiler feed water pump (typical 1 per HRSG)
- 20 - Steam turbine aux x-former (typical 1 per ST)

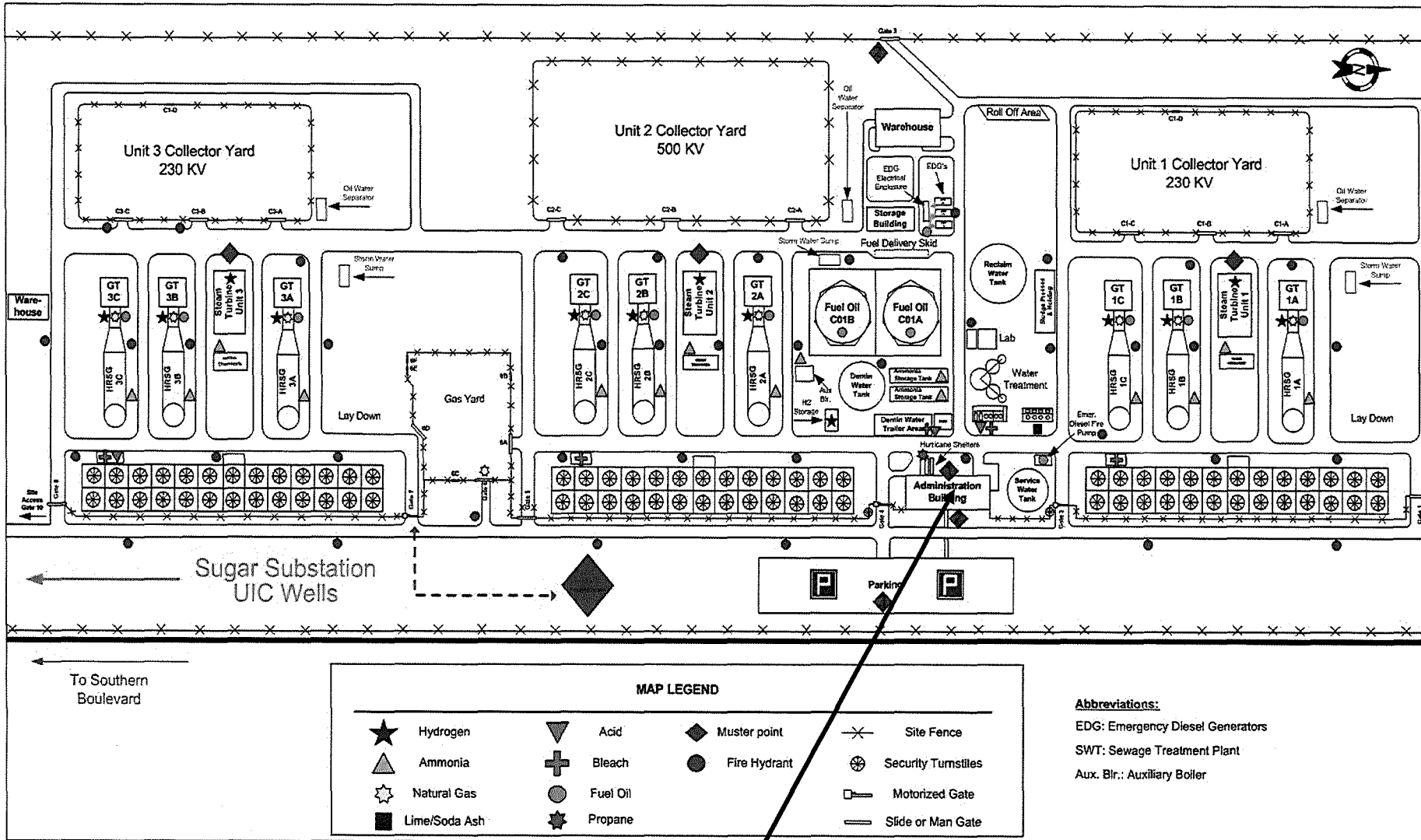
OPC 006097
FPL RC-16



- 22 - ~~Ammon~~ x-former for SFC (startup ^{1 per} CT Unit)
- 23 - Gas yard
- 24 - Gas yard
- 25 - 2A HRSG
- 26 - Cooling tower fan motor (typical 26 per cooling tower)
- 27 - " " " "
- 28 - Fuel oil tank (typical of 2)
- 29 - " " containment berm
- 30 - Reclaimed water tank
- 31 - Ammonium hydroxide tanks
- 32 - " " "
- 33 - Demin trailers
- 34 - Demin water tank
- 35 - Service water tank nonplate
- 36 - " " " "
- 37 - " " " "



West County Energy Center Site Map



Sugar Substation
UIC Wells

To Southern
Boulevard

MAP LEGEND

- | | | | |
|-----------------|------------|------------------|-----------------------|
| ★ Hydrogen | ▼ Acid | ◆ Muster point | ⊗ Site Fence |
| ▲ Ammonia | ⊕ Bleach | ● Fire Hydrant | ⊗ Security Turnstiles |
| ☆ Natural Gas | ● Fuel Oil | ⊔ Motorized Gate | — Slide or Man Gate |
| ■ Lime/Soda Ash | ★ Propane | | |

Abbreviations:

- EDG: Emergency Diesel Generators
 SWT: Sewage Treatment Plant
 Aux. Blr.: Auxiliary Boiler



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