



PERFORMANCE

GROSS GENERATION
KW.

902855.

TURBINE HEAT-RATE
BTU/KW-HR

10250.3

LEGEND

Q---FLOW-LBS/HR
F---TEMPERATURE- F
P---PRESSURE-LBS/SQ. IN. ABS.
H---ENTHALPY OF STEAM-BTU/LB
FTD---TERMINAL DIFFERENCE (F)
ELEV-EXPANSION LINE END POINT
UEEP-USED ENERGY END POINT
D.C.-DRAIN COOLER APPROACH (F)
S.C.-SUBCOOLING (F)

--- STEAM
--- WATER
--- EXTRACTION STEAM
--- TWO PHASE FLOW
--- MAIN PATH

SHEET NO

THROTTLE FLOW
LBS/HRTHROTTLE PRESSURE
PSIABACK PRESSURE
IN. HG. ABS.CYCLE LOSSES
LBS/HRBLOW DOWN
LBS/HR

22.	10819703.	851	2.00	18859.	15000.
23.	10819700.	851	2.20	18859.	15000.
24.	10819697.	851	2.40	18859.	15000.
25.	10819695.	851	2.60	18859.	15000.
26.	10819695.	851	2.80	18859.	15000.
27.	10819692.	851	3.00	18859.	15000.
28.	10819698.	851	3.20	18859.	15000.
29.	10819685.	851	3.40	18859.	15000.

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FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1976 - 890,000 KW INSTALLATION UNIT NO. 1
HEAT BALANCE
2710 MWT VARIABLE BACK PRESSURE
2.80 INCHES HG ABSOLUTE

EBASCO SERVICES INCORPORATED NEW YORK

SCALE-NONE APPROVED DATE

DIV. DR. CH. APPROVED

NO. DATE REVISION BY CH. APPROVED

8770-C-057 SH 26