



PERFORMANCE

GROSS GENERATION
KW.

908073.

TURBINE HEAT RATE
BTU/KW-HR

10191.4

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/HR	THROTTLE PRESSURE PSIA	BACK PRESSURE IN. HG ABS	CYCLE LOSSES LBS/HR	BLOW 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.	10819688.	851	3.20	18859.	15000.
29.	10819685.	851	3.40	18859.	15000.

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FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1976 - 690,000 KW INSTALLATION UNIT NO. 1
HEAT BALANCE
2710 MWT VARIABLE BACK PRESSURE
2.40 INCHES HG ABSOLUTE

EBASCO SERVICES INCORPORATED NEW YORK

SCALE-NONE APPROVED DATE 9-6-82
DIV. DR. CH. APPROVED 8770-C-057 SH 24

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