



GENERATOR OUTPUT
 899671. KW
 ML= 3045. KW
 GL= 10713. KW
 AT 60. PSIG H2

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DOCUMENT CONTROL CENTER



PERFORMANCE

GROSS GENERATION
 KW. 899671.

TURBINE HEAT-RATE
 BTU/KW.HR 10286.6

LEGEND

Q --- FLOW-LBS/HR
 T --- TEMPERATURE- F
 P --- PRESSURE-LBS/SQ. IN ABS.
 H --- ENTHALPY OF STEAM-BTU/LB
 FTD --- TERMINAL DIFFERENCE (F)
 ELEP --- 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 - 890,000 KW INSTALLATION UNIT NO.1
HEAT BALANCE
2710 MWT VARIABLE BACK PRESSURE
3.00 INCHES HG ABSOLUTE

EBASCO SERVICES INCORPORATED NEW YORK

SCALE-NONE	APPROVED	DATE 9-6-82
DIV. _____	DR. _____	8770-C-057
CH. _____	BY _____	SH 27

NO.	DATE	REVISION	BY	CH.	APPROVED
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