



GENERATOR OUTPUT
 905693. KW
 ML= 3045. KW
 GL= 10635. KW
 AT 60. PSIG H2

CONDENSER
 IN HG. H
 2.60 974.2 984.7

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PERFORMANCE

GROSS GENERATION KW. 905693.
 TURBINE HEAT-RATE BTU/KW.HR 10218.2

LEGEND

Q	F	P	H	FTD	UEEP	D.C.	S.C.	STEAM	WATER	EXTRACTION STEAM	TWO PHASE FLOW	MAIN PATH
Q---FLOW-LBS/HR	F---TEMPERATURE- F	P---PRESSURE-LBS/SQ. IN ABS.	H---ENTHALPY OF STEAM-BTU/LB	FTD---TERMINAL DIFFERENCE (F)	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
 2.60 INCHES HG ABSOLUTE

EBASCO SERVICES INCORPORATED NEW YORK.

SCALE-NONE	APPROVED	DATE 9-8-82
DIV. _____	APPROVED _____	8770-C-057
NO. _____	REVISION _____	SH 25