



PERFORMANCE

GROSS GENERATION
KW.

896062.

TURBINE HEAT-RATE
BTU/KW-HR

10249.9

LEGEND

Q---FLOW-LBS/HR
T---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
14.	10722336.	852	2.00	18697.	15000.
15.	10722333.	852	2.20	18697.	15000.
16.	10722331.	852	2.40	18697.	15000.
17.	10722328.	852	2.60	18697.	15000.
18.	10722326.	852	2.80	18697.	15000.
19.	10722323.	852	3.00	18697.	15000.
20.	10722321.	852	3.20	18697.	15000.
21.	10722319.	852	3.40	18697.	15000.

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FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1976 - 890,000 KW INSTALLATION UNIT NO.1
HEAT BALANCE
2690 MWT VARIABLE BACK PRESSURE
2.80 INCHES HG ABSOLUTE

EBASCO SERVICES INCORPORATED NEW YORK

SCALE-NONE APPROVED DATE 9-8-82

DIV. DR. CH. 8770-C-057 SH 18

NO.	DATE	REVISION	BY	CH.	APPROVED