



GENERATOR OUTPUT  
 893273. KW  
 ML= 3045. KW  
 GL= 10795. KW  
 AT 60. PSIG H2

CONDENSER  
 BP ELEP CEP  
 IN HG. H  
 2.53 965.4 976.4

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DOCUMENT CONTROL CENTER

PERFORMANCE

GROSS GENERATION Kw.	TURBINE HEAT-RATE BTU/KW.HR
893273.	10265.6

LEGEND

- Q---FLOW-LBS/HR
- F---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)

SHEET NO	THROTTLE FLOW LBS/HR	THROTTLE PRESSURE PSIA	BACK PRESSURE IN. HG ABS	CYCLE LOSSES LBS/HR	BLOW DOWN LBS/HR	NOTES
8.	10942550.	852	2.53	18697.	15000.	1 OF 4 MSRS OUT
9.	11171194.	852	2.53	18697.	15000.	2 OF 4 MSRS OUT
10.	10728445.	852	2.53	18697.	15000.	1 OF 2 HDPS OUT

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

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FLORIDA POWER & LIGHT COMPANY  
 ST-LUCIE PLANT  
 1976 - 890,000 KW INSTALLATION UNIT NO.1  
 HEAT BALANCE  
 2690 MWT CONSTANT BACK PRESSURE  
 ONE MSR OUT OF SERVICE

EBASCO SERVICES INCORPORATED NEW YORK

SCALE-NONE	APPROVED	DATE 9-5-82
DIV.	<i>[Signature]</i>	8770-C-057
DR.	<i>[Signature]</i>	SH 8
CH.	<i>[Signature]</i>	

NO.	DATE	REVISION	BY	CH.	APPROVED
—	—	DRAWING ORIGINALLY APPROVED AS BCS-125-61305 SH 1 OF 3	—	—	—