

DRAWING NUMBER

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8770-C-057  
SH 10

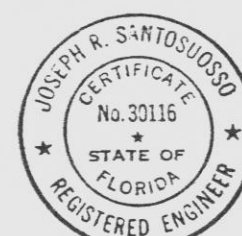
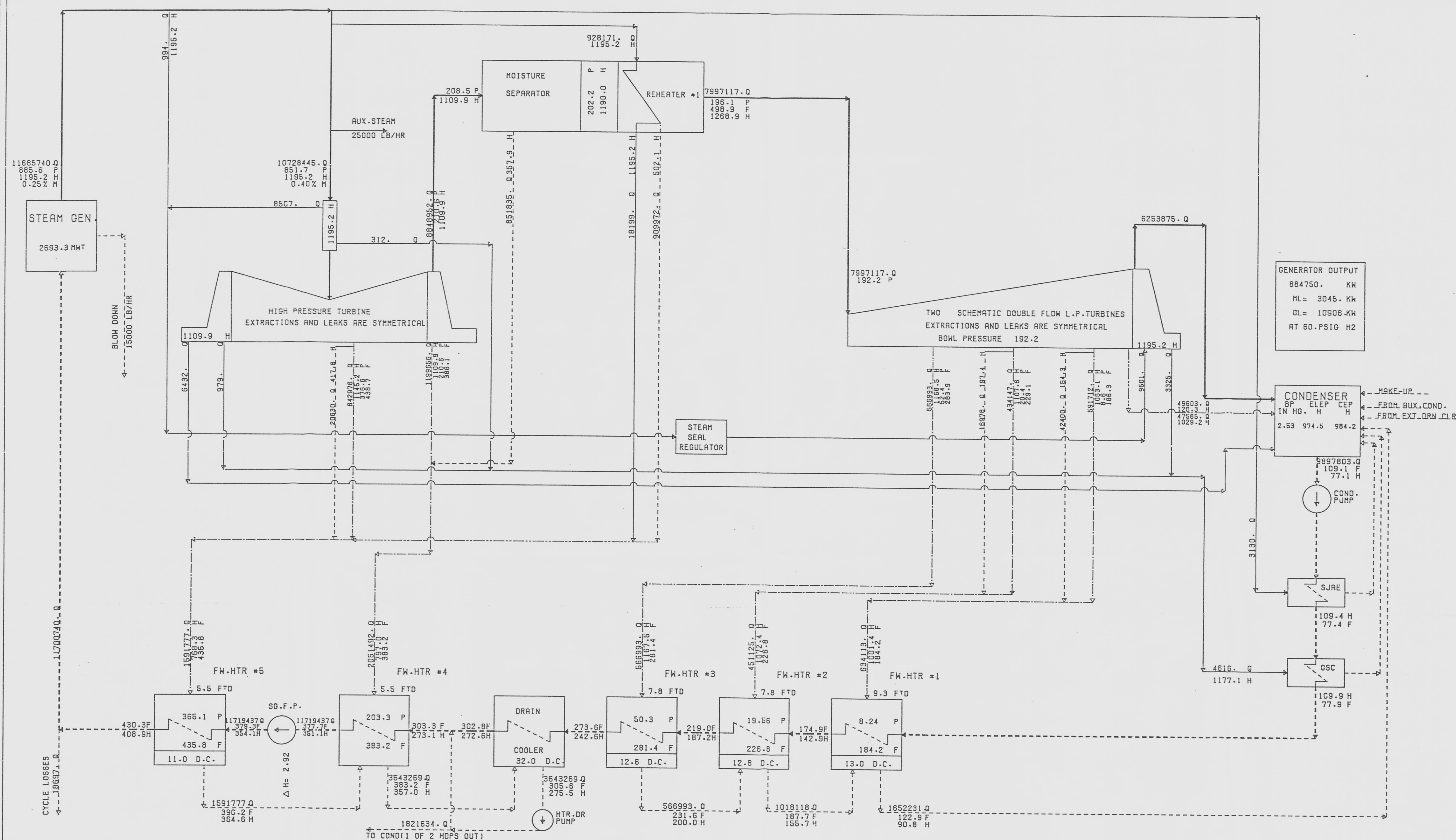
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PLAN HOLD CORPORATION • IRVINE, CALIFORNIA  
REVISION BY NUMBER 07/84  
PERSONAL USE OF PRINT OR THIS LINE

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### PERFORMANCE

GROSS GENERATION  
KW  
884750.

TURBINE HEAT-RATE  
BTU/KW-HR  
10385.1

### 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)  
----- 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	NOTES
8.	1094255C.	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

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FLORIDA POWER & LIGHT COMPANY  
ST. LUCIE PLANT  
1976 - 89C.000 KW INSTALLATION UNIT NO.1  
HEAT BALANCE  
2690 MWT CONSTANT BACK PRESSURE  
ONE HEATER DRAIN PUMP OUT OF SERVICE  
EBASCO SERVICES INCORPORATED NEW YORK

SCALE-NONE  
APPROVED  
DATE 9-8-82  
DIV. *W. Santolucito*  
DR. *N. Santolucito*  
CH. *N. Santolucito*  
8770-C-057  
SH 10

NO.	DATE	REVISION	BY	CH.	APPROVED
1		DRAWING ORIGINALLY APPROVED AS BC9-125-61.305 SH 3 OF 3			