

DRAWING NUMBER

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8770-C-057
SH 5

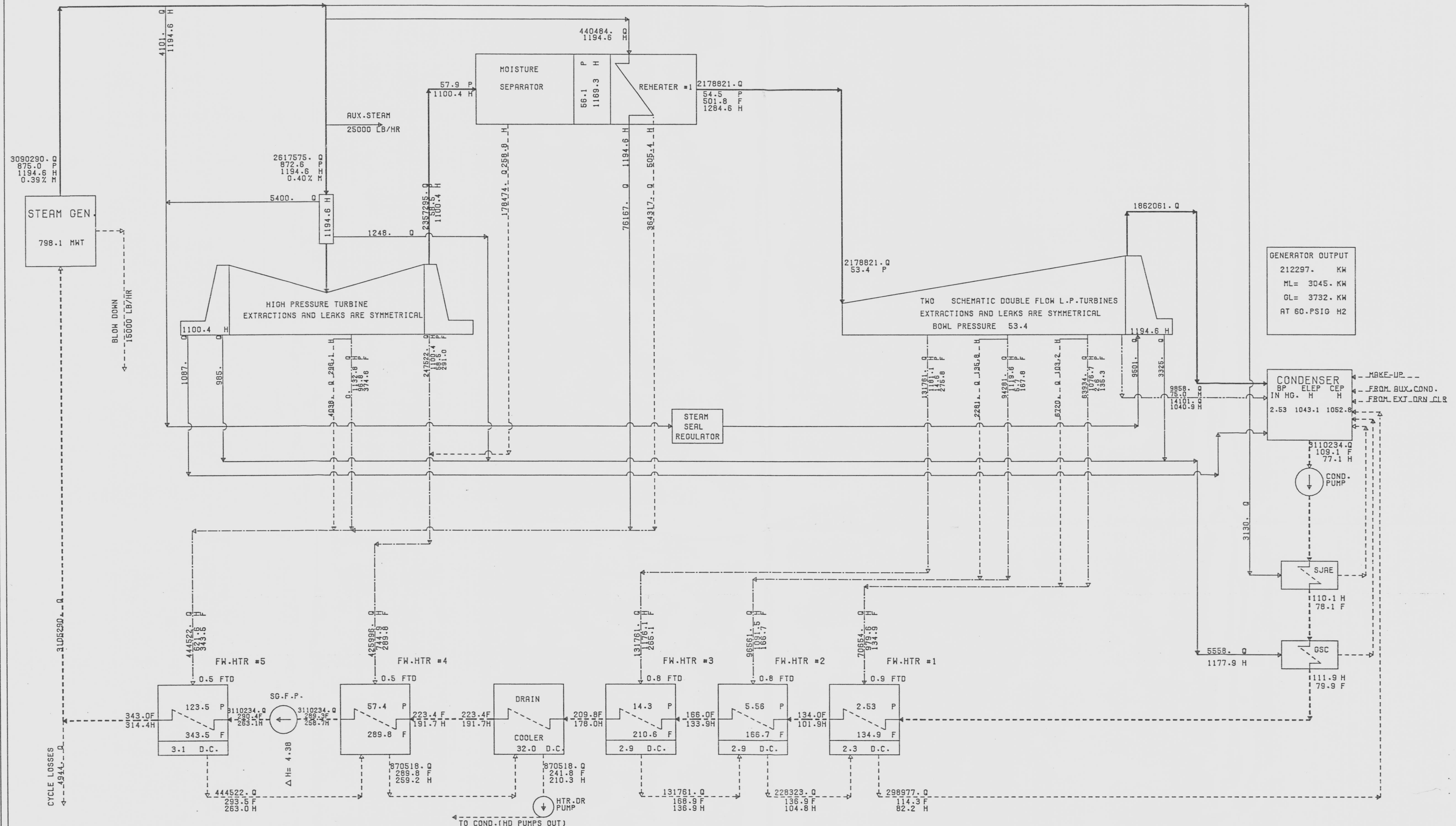
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PLAN HOLD CORPORATION - IRVINE, CALIFORNIA
REPORT NUMBER 8770-C-057

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PERFORMANCE

GROSS GENERATION KW.	TURBINE HEAT-RATE BTU/KW-HR
212297.	12812.6

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
1.	10722329.	852	2.53	18697.	15000.	STRETCH POWER
2.	10146369.	853	2.53	17737.	15000.	2570 MWT
3.	7640832.	861	2.53	13549.	15000.	75% LOAD POINT
4.	5064205.	867	2.53	9174.	15000.	50% LOAD POINT
5.	2617575.	873	2.53	4944.	15000.	25% LOAD POINT

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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
AT 800 MWT LOAD POINT

EBASCO SERVICES INCORPORATED NEW YORK

SCALE-NONE	APPROVED	DATE 9-8-82
DIV. _____	<i>[Signature]</i>	
DR. _____	W. B. Barker	8770-C-057
CH. _____	N. A. Rosen	SH 5

NO.	DATE	REVISION	BY	CH.	APPROVED
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