

DRAWING NUMBER

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8770-C-057
SH 4

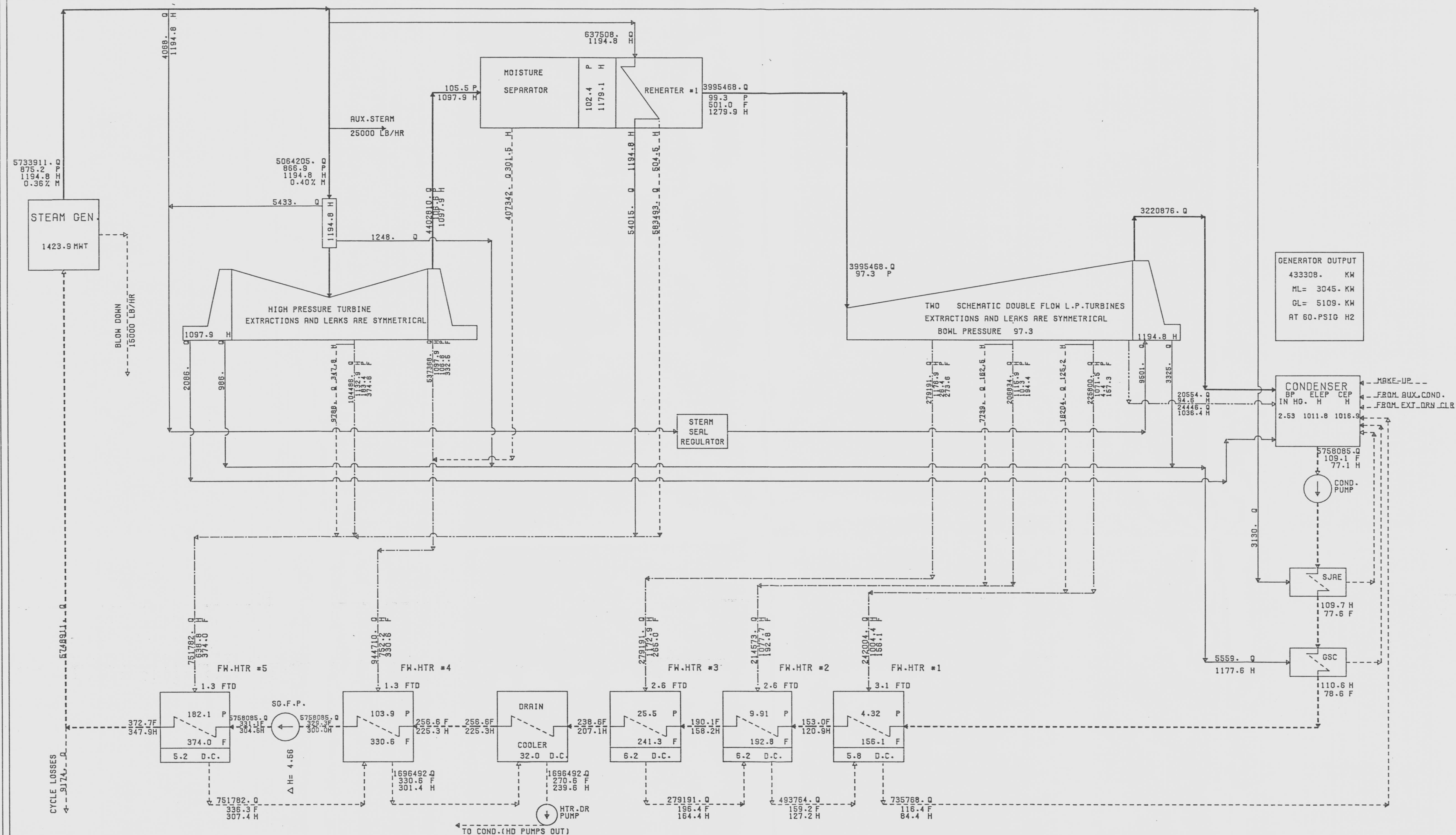
DRAWING NUMBER

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PLAN HOLD CORPORATION • RANNE, CALIFORNIA
REVISION BY NUMBER (DATE)
PERSON USE OF PRINT OR THIS LINEPLAN HOLD CORPORATION • RANNE, CALIFORNIA
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NE, CALIFORNIA

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PERFORMANCE

GROSS GENERATION
KW.
433308.TURBINE HEAT-RATE
BTU/KW-HR
11206.8

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
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 1425 MWT LOAD POINT

EBASCO SERVICES INCORPORATED NEW YORK

SCALE-NONE APPROVED DATE 9-8-82

DIV. *W. Santowski*
DR. *W. Santowski*
CH. *W. Santowski*

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