

DRAWING NUMBER

DRAWING NUMBER 8770-C-057 SH 4

DRAWING NUMBER

BER

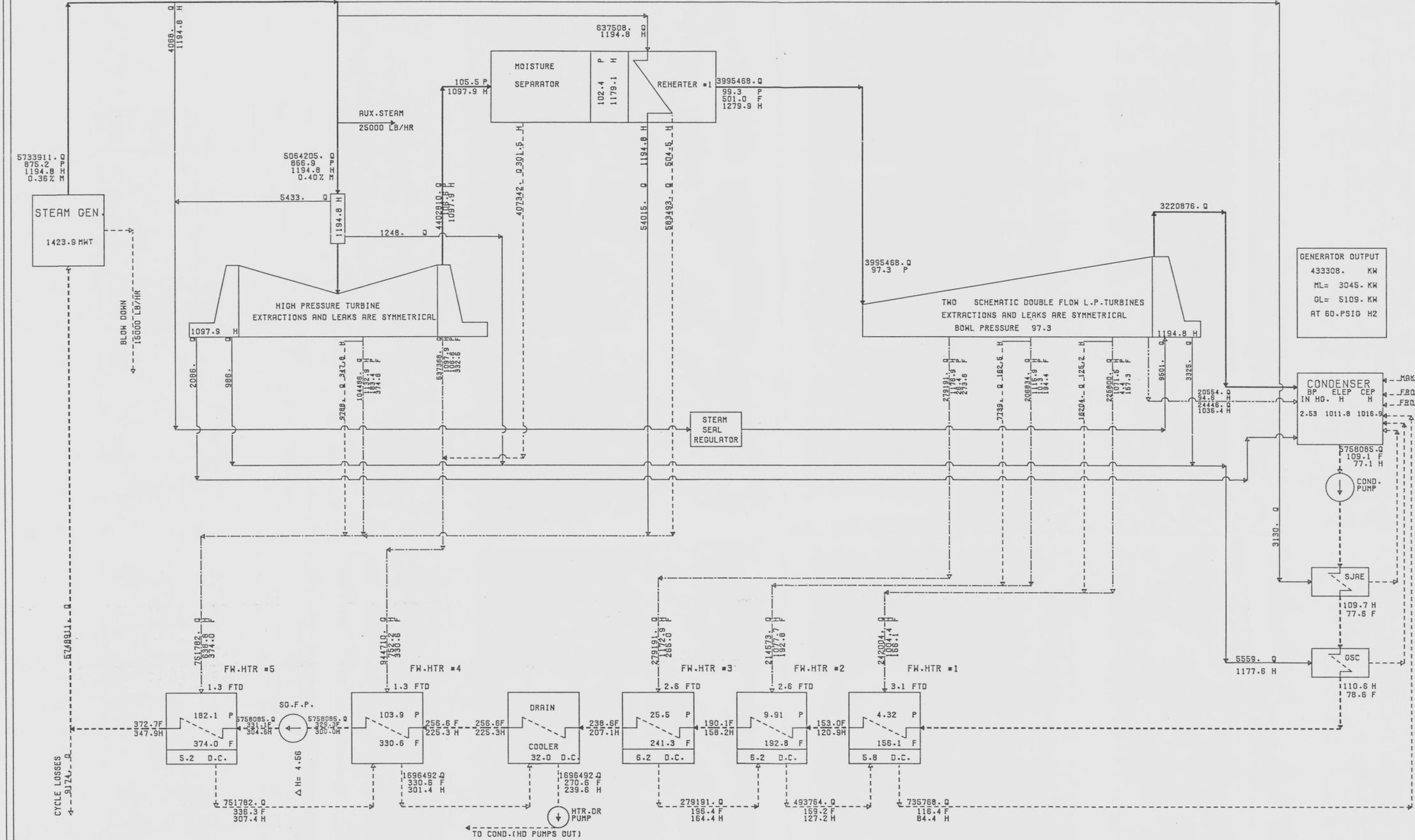
PLAN HOLD CORPORATION - IRVINE, CALIFORNIA
REVISION BY NUMBER (DATE)
PERSON SIZE OF PRINT ON THIS LINE

PLAN HOLD CORPORATION - IRVINE, CALIFORNIA
REVISION BY NUMBER (DATE)
PERSON SIZE OF PRINT ON THIS LINE

PLAN HOLD CORPORATION - IRVINE, CALIFORNIA
REVISION BY NUMBER (DATE)
PERSON SIZE OF PRINT ON THIS LINE

NE CALIFORNIA

8770-C-057 SH 4



GENERATOR OUTPUT
 433308. KW
 ML= 3045. KW
 GL= 5109. KW
 AT 60. PSIG H2



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 FLOW
- 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.	7640932.	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

THIS DOCUMENT IS THE PROPERTY OF EBASCO SERVICES INCORPORATED. ITS USE IS EXPRESSLY RESTRICTED BY THE TERMS OF THE CONTRACT, DATED AS OF AUGUST 10, 1968 BETWEEN EBASCO SERVICES INCORPORATED AND FLORIDA POWER & LIGHT COMPANY.

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

NO.	DATE	REVISION	BY	CH.	APPROVED

E