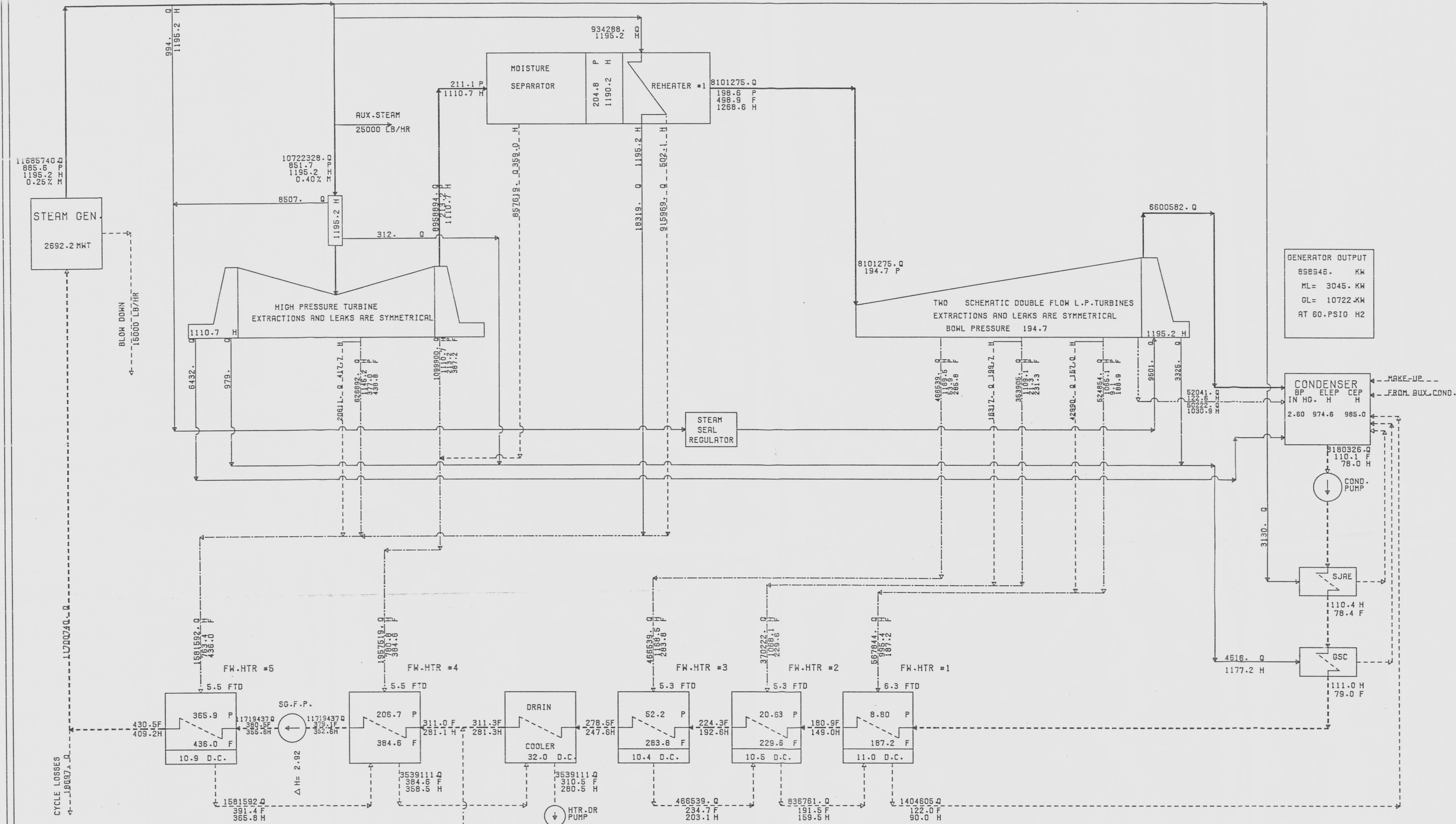


DRAWING NUMBER  
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SH 17

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SH 17

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PERFORMANCE

GROSS GENERATION  
KW.  
898946.

TURBINE HEAT-RATE  
BTU/KW-HR  
10217.0

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
14	10722336.	852	2.00	18697.	15000.
15	10722333.	852	2.20	18697.	15000.
16	10722331.	852	2.40	18697.	15000.
17	10722328.	852	2.60	18697.	15000.
18	10722326.	852	2.80	18697.	15000.
19	10722323.	852	3.00	18697.	15000.
20	10722321.	852	3.20	18697.	15000.
21	10722319.	852	3.40	18697.	15000.

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FLORIDA POWER & LIGHT COMPANY  
ST. LUCIE PLANT  
1976 - 890,000 KW INSTALLATION UNIT NO.1  
HEAT BALANCE  
2690 MWT VARIABLE BACK PRESSURE  
2.60 INCHES HG ABSOLUTE

EBASCO SERVICES INCORPORATED NEW YORK  
SCALE-NONE  
APPROVED  
DATE 9-8-62  
DIV. 1  
DR. J. M. [Signature]  
CH. [Signature]  
8770-C-057  
SH 17

NO.	DATE	REVISION	BY	CH.	APPROVED
1					

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