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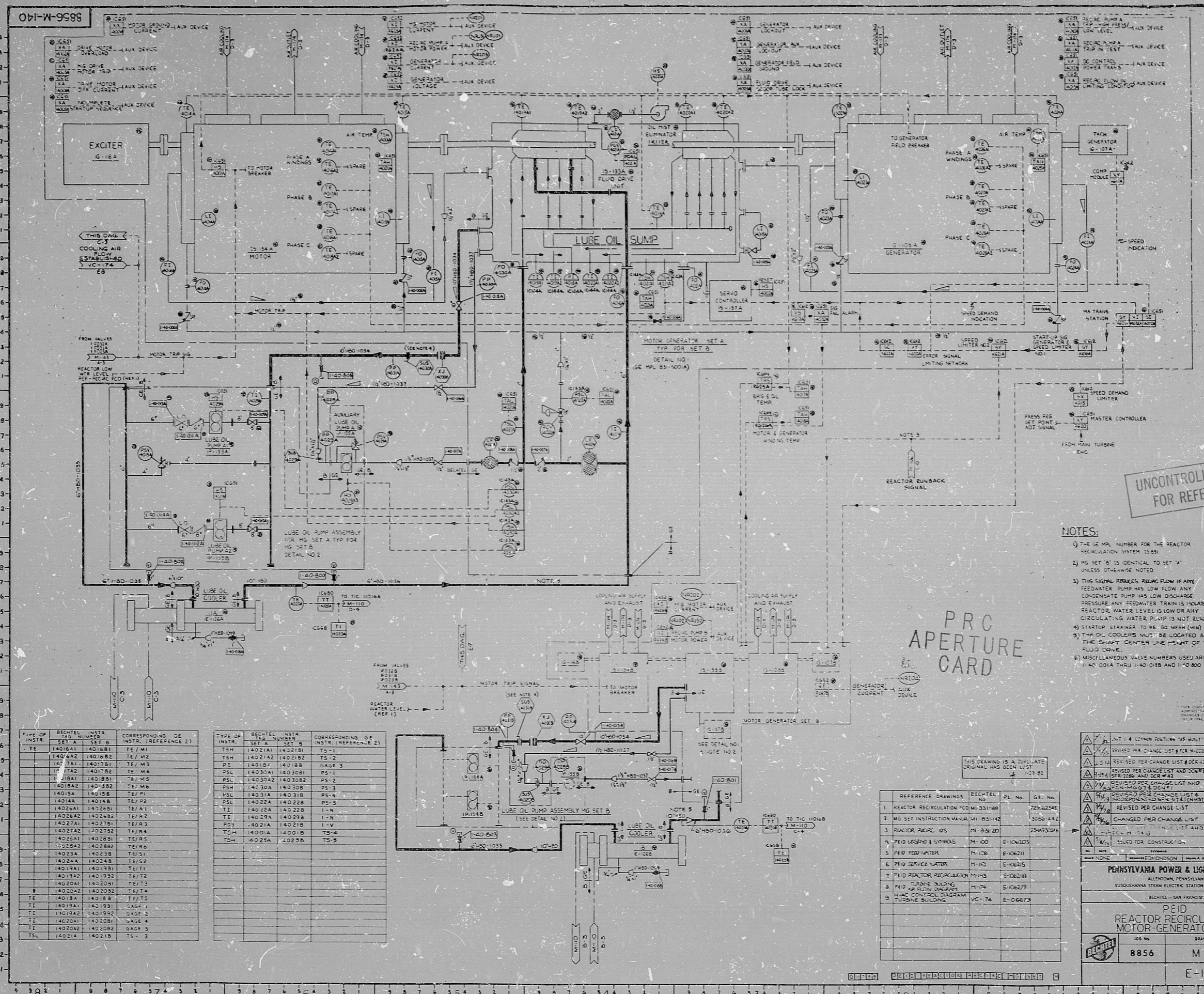
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9.8

8.5

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TYPE OR INSTR.	BECHTEL INSTR. SET A	BECHTEL INSTR. SET B	CORRESPONDING GE INSTR. (REFERENCE 2)
TE	14016A1	14016B1	TE M1
TE	14016A2	14016B2	TE M2
TE	14017A1	14017B1	TE M3
TE	14017A2	14017B2	TE M4
TE	14018A1	14018B1	TE M5
TE	14018A2	14018B2	TE M6
TE	14019A1	14019B1	TE P1
TE	14019A2	14019B2	TE P2
TE	14020A1	14020B1	TE P3
TE	14020A2	14020B2	TE P4
TE	14021A1	14021B1	TE P5
TE	14021A2	14021B2	TE P6
TE	14022A1	14022B1	TE P7
TE	14022A2	14022B2	TE P8
TE	14023A1	14023B1	TE P9
TE	14023A2	14023B2	TE P10
TE	14024A1	14024B1	TE S1
TE	14024A2	14024B2	TE S2
TE	14025A1	14025B1	TE S3
TE	14025A2	14025B2	TE S4
TE	14026A1	14026B1	TE S5
TE	14026A2	14026B2	TE S6
TE	14027A1	14027B1	TE S7
TE	14027A2	14027B2	TE S8
TE	14028A1	14028B1	TE S9
TE	14028A2	14028B2	TE S10
TE	14029A1	14029B1	TE S11
TE	14029A2	14029B2	TE S12
TE	14030A1	14030B1	TE S13
TE	14030A2	14030B2	TE S14
TE	14031A1	14031B1	TE S15
TE	14031A2	14031B2	TE S16
TE	14032A1	14032B1	TE S17
TE	14032A2	14032B2	TE S18
TE	14033A1	14033B1	TE S19
TE	14033A2	14033B2	TE S20
TE	14034A1	14034B1	TE S21
TE	14034A2	14034B2	TE S22
TE	14035A1	14035B1	TE S23
TE	14035A2	14035B2	TE S24
TE	14036A1	14036B1	TE S25
TE	14036A2	14036B2	TE S26
TE	14037A1	14037B1	TE S27
TE	14037A2	14037B2	TE S28
TE	14038A1	14038B1	TE S29
TE	14038A2	14038B2	TE S30
TE	14039A1	14039B1	TE S31
TE	14039A2	14039B2	TE S32
TE	14040A1	14040B1	TE S33
TE	14040A2	14040B2	TE S34
TE	14041A1	14041B1	TE S35
TE	14041A2	14041B2	TE S36
TE	14042A1	14042B1	TE S37
TE	14042A2	14042B2	TE S38
TE	14043A1	14043B1	TE S39
TE	14043A2	14043B2	TE S40
TE	14044A1	14044B1	TE S41
TE	14044A2	14044B2	TE S42
TE	14045A1	14045B1	TE S43
TE	14045A2	14045B2	TE S44
TE	14046A1	14046B1	TE S45
TE	14046A2	14046B2	TE S46
TE	14047A1	14047B1	TE S47
TE	14047A2	14047B2	TE S48
TE	14048A1	14048B1	TE S49
TE	14048A2	14048B2	TE S50
TE	14049A1	14049B1	TE S51
TE	14049A2	14049B2	TE S52
TE	14050A1	14050B1	TE S53
TE	14050A2	14050B2	TE S54
TE	14051A1	14051B1	TE S55
TE	14051A2	14051B2	TE S56
TE	14052A1	14052B1	TE S57
TE	14052A2	14052B2	TE S58
TE	14053A1	14053B1	TE S59
TE	14053A2	14053B2	TE S60
TE	14054A1	14054B1	TE S61
TE	14054A2	14054B2	TE S62
TE	14055A1	14055B1	TE S63
TE	14055A2	14055B2	TE S64
TE	14056A1	14056B1	TE S65
TE	14056A2	14056B2	TE S66
TE	14057A1	14057B1	TE S67
TE	14057A2	14057B2	TE S68
TE	14058A1	14058B1	TE S69
TE	14058A2	14058B2	TE S70
TE	14059A1	14059B1	TE S71
TE	14059A2	14059B2	TE S72
TE	14060A1	14060B1	TE S73
TE	14060A2	14060B2	TE S74
TE	14061A1	14061B1	TE S75
TE	14061A2	14061B2	TE S76
TE	14062A1	14062B1	TE S77
TE	14062A2	14062B2	TE S78
TE	14063A1	14063B1	TE S79
TE	14063A2	14063B2	TE S80
TE	14064A1	14064B1	TE S81
TE	14064A2	14064B2	TE S82
TE	14065A1	14065B1	TE S83
TE	14065A2	14065B2	TE S84
TE	14066A1	14066B1	TE S85
TE	14066A2	14066B2	TE S86
TE	14067A1	14067B1	TE S87
TE	14067A2	14067B2	TE S88
TE	14068A1	14068B1	TE S89
TE	14068A2	14068B2	TE S90
TE	14069A1	14069B1	TE S91
TE	14069A2	14069B2	TE S92
TE	14070A1	14070B1	TE S93
TE	14070A2	14070B2	TE S94
TE	14071A1	14071B1	TE S95
TE	14071A2	14071B2	TE S96
TE	14072A1	14072B1	TE S97
TE	14072A2	14072B2	TE S98
TE	14073A1	14073B1	TE S99
TE	14073A2	14073B2	TE S100

TYPE OR INSTR.	BECHTEL INSTR. SET A	BECHTEL INSTR. SET B	CORRESPONDING GE INSTR. (REFERENCE 2)
TSM	14021A1	14021B1	TS-1
TSM	14022A1	14022B1	TS-2
PI	14037A1	14037B1	GAGE 3
PSL	14030A1	14030B1	PS-1
PSL	14030A2	14030B2	PS-2
PSM	14030A1	14030B1	PS-3
PSL	14031A1	14031B1	PS-4
PSL	14022A1	14022B1	PS-5
TI	14022A1	14022B1	I-N
PSM	14030A1	14030B1	PS-3
PSL	14021A1	14021B1	I-V
TSM	14001A1	14001B1	TS-4
TSM	14025A1	14025B1	TS-5

UNCONTROLLED DOCUMENT FOR REFERENCE ONLY

- NOTES:
- 1) THE GE MFL NUMBER FOR THE REACTOR RECIRCULATION SYSTEM IS 5583.
  - 2) MG SET 'B' IS IDENTICAL TO SET 'A' UNLESS OTHERWISE NOTED.
  - 3) THIS SIGNAL REVERSES REACTOR FLOW IF ANY FEEDWATER PUMP HAS LOW FLOW ANY CONDENSATE PUMP HAS LOW DISCHARGE PRESSURE ANY FEEDWATER TRAIN IS ISOLATED REACTOR WATER LEVEL IS LOW OR ANY CIRCULATING WATER PUMP IS NOT RUNNING.
  - 4) STARTUP STRAINER TO BE 50 MESH (MIN).
  - 5) THE OIL COOLERS MUST BE LOCATED BELOW THE SHAFT CENTER LINE HEIGHT OF THE FLUID DRIVE.
  - 6) MISCELLANEOUS VALVE NUMBERS USED ARE 140-001A THRU 140-018 AND 140-800 THRU 140-805.

PRO APERTURE CARD

NO.	DESCRIPTION	DATE	BY
1	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...
2	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...
3	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...
4	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...
5	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...
6	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...
7	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...
8	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...
9	REVISED PER CHANGE LIST FOR M-1034E	5/5/68	...

REFERENCE DRAWING	BECHTEL PL. NO.	GE. NO.
1. REACTOR RECIRCULATION PUMP M-1034E	...	...
2. MG SET INSTRUCTION MANUAL M-1034E	...	...
3. REACTOR RECIRC. PUMP M-1034E	...	...
4. PFD LOGS AND SYMBOLS M-100	...	...
5. PFD FEED WATER M-100	...	...
6. PFD REACTOR WATER M-100	...	...
7. PFD REACTOR RECIRCULATION M-103	...	...
8. PFD REACTOR RECIRCULATION M-103	...	...
9. PFD CONTROL DIAGRAM TURBINE BUILDING	...	...

PENNSYLVANIA POWER & LIGHT COMPANY  
 ALLIANTON PENNSYLVANIA  
 SUSQUEHANNA STEAM ELECTRIC STATION - UNITS 1, 2  
 BECHTEL - SAN FRANCISCO  
**PFD REACTOR RECIRCULATION MOTOR-GENERATOR SET**  
 JOB NO. 8856 DRAWING NO. M-140 10  
 E-106245

30X



RIDS

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