



UNIT	OPERATION	PAUSE	MODE
INST. AIR COMP. A	AUTOMATIC	STANDBY	STOP
INST. AIR COMP. B	AUTOMATIC	STANDBY	STOP
SERVICE AIR COMP. A	AUTOMATIC	STANDBY	STOP
SERVICE AIR COMP. B	AUTOMATIC	STANDBY	STOP

- NOTES:
- SEE DRAWING M-100 FOR LEGENDS & SYMBOLS.
 - COMPRESSED AIR FOR INSTRUMENTS AND CONTROLS SHALL BE PIPED BY THE FIELD FROM NEAREST FLOOR HEADERS.
 - INSTALL DRAIN CONNECTION WITH PREMIUM GLOBE VALVES ON ALL LOW POINTS OF SYSTEM.
 - AIR FLOW LIMITING DEVICE SHALL BE DOWNSTREAM OF SOURCE VALVE FOR EACH USAGE ON ALL HOSE LINES OVER 1/2" ID.
 - ALL CHECK VALVES SHALL BE PENNSYLVANIA PUMP & COMPRESSOR CO. AIR COMP. COMPRESSORS, AFTERCOOLERS, RECEIVERS, & DRYERS ARE LOCATED IN TURBINE BLDG.
 - ALL VENDOR SUPPLIED "Y" STRAINERS SHALL HAVE BLOWOFF VALVES.
 - INSTANT AIR SHALL BE OIL FREE & DRIED, SERVICE AIR SHALL BE OIL FREE.
 - VALVES (UNNUMBERED) LOCATED WITHIN VENDOR PACKAGES ARE SUPPLIED BY VENDOR, UNLESS OTHERWISE NOTED.
 - ALL THE MATING FLANGES 1/2" TO 3" JUDG PIPE TRAVEL TIONS SHALL BE FLAT FACED.
 - DURING NORMAL OPERATION UNLOAD POINT DESIGN VALVE, HIS-217 SHALL BE LEFT OPEN TO PREVENT UNWANTED BACKFLOW OF INSTRUMENT AIR INTO SERVICE AIR SYSTEM. THIS VALVE SHALL BE CLOSED DURING NORMAL OPERATION.

REFERENCE DWGS

RECHTEL NO.	PL. NO.
M-100	E-106208
M-114	E-106219
M-121	E-106220
M-149	E-106250
M-148	E-106253
M-154	E-106259
M-157	E-106262
M-166	E-106271
M-177	E-106272
M-178	E-106273
M-179	E-106274
M-212	E-106284

NO.	DESCRIPTION	DATE	BY	CHKD.
1	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
2	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
3	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
4	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
5	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
6	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
7	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
8	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
9	REVISIONS LIST AND FOR # 8856	01/11/88	...	...
10	REVISIONS LIST AND FOR # 8856	01/11/88	...	...

UNCONTROLLED DOCUMENT FOR REFERENCE ONLY

NOTES CONT.
 12. FOR AS-BUILT CONDITION OF SERVICE AIR STATIONS AND VALVES SEE FCRS: M-601, 602, 616, 608, 610, 635, 10401, 1053 AND FCN M-1506.

PERNSYLVANIA POWER & LIGHT COMPANY
 ALLIANT ENERGY CORP.
 BUSHONGHAWK STEAM ELECTRIC STATION - UNIT 1 UNIT 2
 RECHTEL - SAN FRANCISCO

P & ID
 COMPRESSED AIR SYSTEM
 (SERVICE AIR)

8856	M-125	22
SHEET 2 OF 3		
E-106230		31 2

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11 8.5

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17

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17

30X

1. Carefully check the microfilm image contained on this microfilm against the original and master copies of drawings. This is to ensure that correct and complete information and reproduction for archival use of original documents is provided to the drawing users of microfilm.

J. R. Atkins 9-26-92 MRC

RIDS

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