



NOTES:

1. ALL HIGH POINTS TO BE AIRLIFTED.
2. ALL PORTIONS OF PIPE WHICH CANNOT BE AIRLIFTED OR KEPT BELOW FROST LINE TO BE ELECTRICALLY TRACED OR LOCATED WITHIN HEATED ROOMS.
3. RADIATION MONITORING IN PROMENADE IS PROVIDED UNDER SIG. 127.
4. POND REQUIRES FOUR TEMPERATURE INSTRUMENTS ON THE SURFACE, THREE LOCATED TO THE REAR/SIDE OF THE SURFACE OF THE POND AND ONE ON THE SURFACE ONE ON THE BOTTOM AND ONE 2' DEEP.
5. ALL EQUIPMENT TO BE POWERED BY STANDBY AC POWER (SAC) EXCEPT CHLORINATING AND OXYGEN GENERATING EQUIPMENT.
6. THE GE MPL NUMBER FOR THIS SYSTEM IS 68.
7. THESE FLOW AND PRESSURE ALARMS ARE DERIVED ALARMS.
8. HRS-01228A, HRS-01228B AND HRS-01228C ARE SHOWN IN MULTIPLE PLACES. EACH APPEARANCE REPRESENTS A DIFFERENT SECTION OF ITS RESPECTIVE SELECTOR SWITCH.
9. MISCELLANEOUS VALVES NUMBERED H-02-000 THROUGH H-02-020.
10. HRS-01228A SELECTS TEMP ELEMENTS TO OI228A-0 FOR DISPLAY ON TI-01228A.
11. HRS-01228B SELECTS ALL TEMP ELEMENTS TO OI228A-0 FOR DISPLAY ON TI-01228B.
12. FOR LOCAL TRIP ENABLE LOGIC SEE U-112, SHT. 2.
13. CONNECTIONS REQUIRED FOR FUTURE USE OF CHEMICAL INJECTION EQUIPMENT.
14. FLOOD DETECTOR & SWITCHES ARE SEISMICALLY QUALIFIED.
15. CONTROLS FOR HRS-01228A BY OI228A AND HRS-01228B BY OI228B. VALVES ON LINE HRS-01228A AND HRS-01228B WILL BE TEMPORARILY LOCATED IN UNIT 2. VALVE CONSTRUCTION CONTROLS WILL BE TRANSFERRED TO PANEL 2020B PRIOR TO START-UP OF UNIT 2.
16. SEE P&ID H-113, QUIL DET. - E.

REFERENCE DWGS.

DECTEL NO.	PL. NO.
M-111	E-106210
M-110	E-106211
M-115	E-106220
M-115	E-106220
J-112	E-103402
M-112	E-182041
M-211	E-102640
M-113	E-102218 SH.

P.R.O. APERTURE CARD

POOR ORIGINAL

UNCONTROLLED DOCUMENT FOR REFERENCE ONLY

REVISION	DATE	BY	CHKD
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PENNSYLVANIA POWER & LIGHT COMPANY
 ALLENTOWN, PENNSYLVANIA
 BUNGARHAMMA STEAM ELECTRIC STATION - UNIT 1, UNIT 2
 DECTEL - SAN FRANCISCO

P & ID RHR SERVICE WATER SYSTEM

ISS. NO.	DESIGNER	REV.
8856	M-112	13
Q	E-106217	

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