

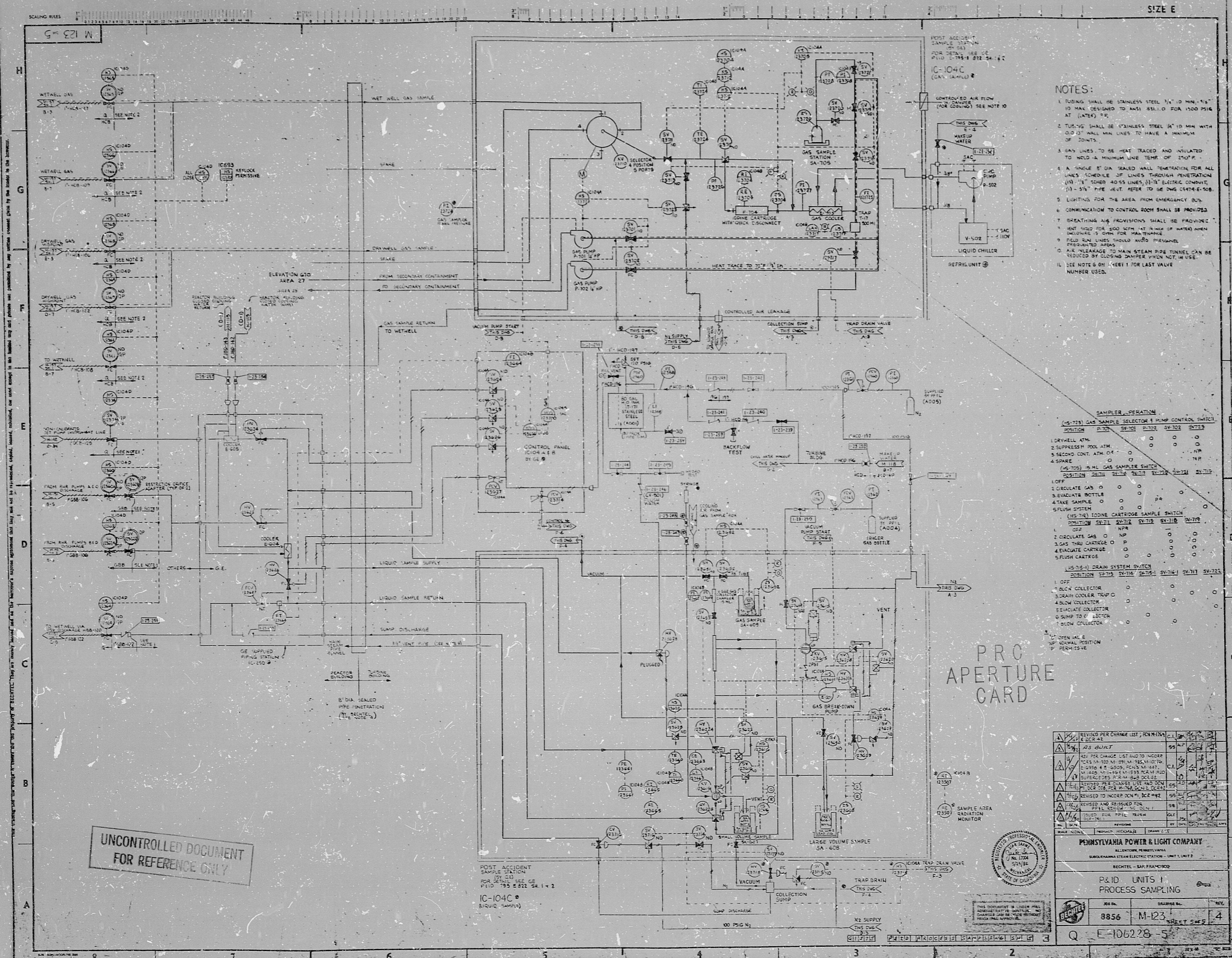
17"

8.5"

8.5"

11"

17"



SIZE E

NOTES:

1. TUBING SHALL BE STAINLESS STEEL 1/4" ID MIN. 1/4" ID MAX. DESIGNED TO ANSI B31.10 FOR 1500 PSIG AT (LATE) P.P.
2. TUBING SHALL BE STAINLESS STEEL 1/4" ID MIN. WITH 0.003" WALL MIN. LINES TO HAVE A MINIMUM OF JOINTS.
3. GAS LINES TO BE HEAT TRACED AND INSULATED TO HOLD A MINIMUM LINE TEMP. OF 250°F.
4. A 1/2" DIA. SEALED WALL PENETRATION FOR ALL LINES (SCHEDULE 30 LINES THROUGH PENETRATION (IN 1/4" DIA. SEALS) AND LINES THROUGH PENETRATION (IN 1/4" DIA. SEALS) PIPE VENT. REFER TO TWO CRYSTAL 1008.
5. LIGHTING FOR THE AREA FROM EMERGENCY BUS.
6. COMMUNICATION TO CONTROL ROOM SHALL BE PROVIDED.
7. BREATHING AIR PROVISIONS SHALL BE PROVIDED.
8. VENT FOR 600 CFM AT 1/2" DIA. OF WATER WHEN INCLUDING 1/2" DIA. FOR MAINTENANCE.
9. FLOOD RELIEF LINES SHOULD AVOID PERSONNEL PRESENTED AREAS.
10. AIR LEAKAGE TO MAIN STEAM PIPE TUNNEL CAN BE REDUCED BY CLOSING DAMPER WHEN NOT IN USE.
11. SEE NOTE ON 1. KEY 1 FOR LAST VALUE NUMBER USED.

SAMPLER OPERATION

(S-725) GAS SAMPLE SELECTOR 4 PUMP CONTROL SWITCH

| | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|----|
| POSITION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. DRYWELL ATM. | | | | | | | | | | |
| 2. SUPPRESSOR POOL ATM. | | | | | | | | | | |
| 3. SECOND CONT. ATM. OF | | | | | | | | | | |
| 4. SPARE | | | | | | | | | | |

(S-725) LIQUID GAS SAMPLE SWITCH

| | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|----|
| POSITION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. OFF | | | | | | | | | | |
| 2. CIRCULATE GAS | | | | | | | | | | |
| 3. SERVICATE BOTTLE | | | | | | | | | | |
| 4. TAKE SAMPLE | | | | | | | | | | |

(S-725) LIQUID CARTRIDGE SAMPLE SWITCH

| | | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| POSITION | SV171 | SV172 | SV173 | SV174 | SV175 | SV176 | SV177 | SV178 |
| 1. OFF | | | | | | | | |
| 2. CIRCULATE GAS | | | | | | | | |
| 3. GAS THIS CARTRIDGE | | | | | | | | |
| 4. SERVICATE CARTRIDGE | | | | | | | | |
| 5. FLUSH CARTRIDGE | | | | | | | | |

(S-725) DRAIN SYSTEM SWITCH

| | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-------|-------|
| POSITION | SV179 | SV176 | SV175 | SV174 | SV173 | SV172 | SV171 |
| 1. OFF | | | | | | | |
| 2. EACH COLLECTOR | | | | | | | |
| 3. DRAIN COOLER TRAP | | | | | | | |
| 4. SLOW COLLECTOR | | | | | | | |
| 5. SERVICATE COLLECTOR | | | | | | | |
| 6. SUMP TO COLLECTOR | | | | | | | |
| 7. SLOW COLLECTOR | | | | | | | |

KEY:
 * OPEN VALVE
 ○ NORMAL POSITION
 ○ PERMISSIVE

PRO APERTURE CARD

| | | | | |
|--|----------|----------|----------|----------|
| REVISED PER CHANGE LIST, FOR NUCLEAR | 11/11/55 | 11/11/55 | 11/11/55 | 11/11/55 |
| REVISED PER CHANGE LIST AND TO INCORPORATE | 11/11/55 | 11/11/55 | 11/11/55 | 11/11/55 |
| REVISED PER CHANGE LIST AND TO INCORPORATE | 11/11/55 | 11/11/55 | 11/11/55 | 11/11/55 |
| REVISED PER CHANGE LIST AND TO INCORPORATE | 11/11/55 | 11/11/55 | 11/11/55 | 11/11/55 |
| REVISED PER CHANGE LIST AND TO INCORPORATE | 11/11/55 | 11/11/55 | 11/11/55 | 11/11/55 |

PENNSYLVANIA POWER & LIGHT COMPANY

ALLENTOWN, PENNSYLVANIA

BRIDGE PLANT

REACTOR - SAFETY ROOM

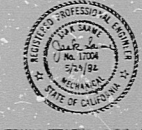
P&ID UNITS 1 PROCESS SAMPLING

8856 M-123 SHEET 5 OF 4

Q E-106228-5

UNCONTROLLED DOCUMENT FOR REFERENCE ONLY

POST ACCIDENT SAMPLE STATION FOR DETAIL SEE GE P110 755 E 22 54.1 x 2 IC-104C LIQUID SAMPLER



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RIDS

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