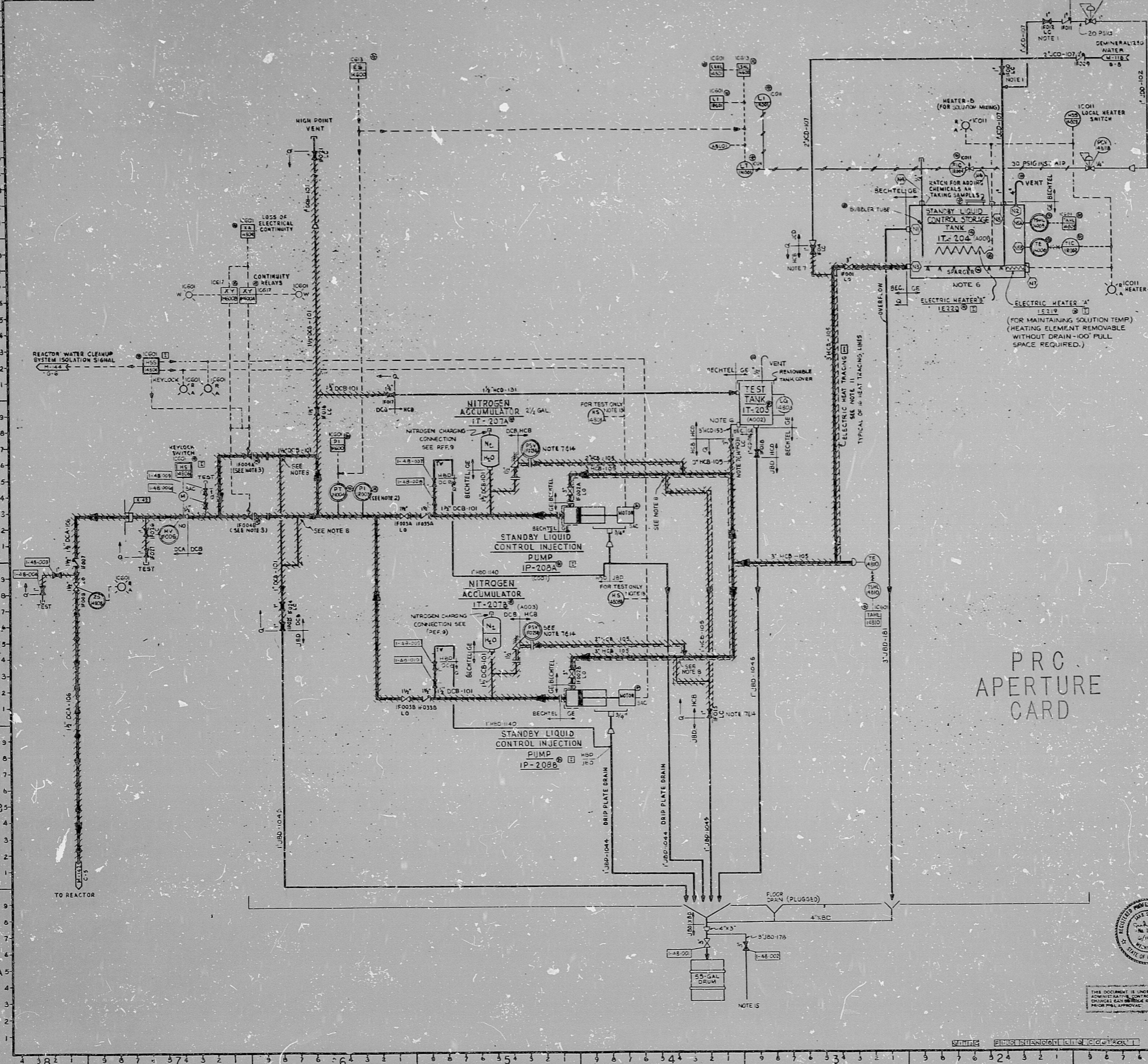


8856-W-148



NO.	REFERENCE DRAWINGS	REVISION NO.	DATE
1	NUCLEAR ROCKET INSIDE P.I.D.	M-148	8/26/54
2	STANDBY LIQUID CONTROL P.I.D.	M-148	8/26/54
3	COMPRESSED AIR P.I.D.	M-148	8/26/54
4	MAKE UP DEMINERALIZED P.I.D.	M-148	8/26/54
5	P.I.D. LEGEND	M-148	8/26/54
6	STANDBY LIQUID CONTROL ON SPEC. 1-1	M-148	8/26/54
7	REACTOR WATER CLEANUP P.I.D.	M-148	8/26/54
8	PROCESS INST. PIPING & TUBING SPEC.	M-148	8/26/54
9	ACCUMULATOR INSTALLATION & SPEC.	M-148	8/26/54

UNCONTROLLED DOCUMENT  
FOR REFERENCE ONLY

- NOTES:
- ISOLATION VALVE F010 AND F012 SHALL BE LOCATED ABOVE THE TOP OF THE STORAGE TANK.
  - ORIENT PRESSURE INDICATOR W003 SO THAT IT CAN BE READ FROM VALVE IPOIG LOCATION (ZONE D-G).
  - IN ORDER TO SERVICE THESE VALVES AFTER FIRING, IT IS NECESSARY TO REMOVE A 6" SPOOL PIECE IMMEDIATELY UPSTREAM OF THE RESPECTIVE VALVE. EACH EXPLOSIVE VALVE IS FURNISHED WITH A MATHING SOCKET WELDING TYPE FLANGE FOR SOCKET WELDING TO A 6" SPOOL PIECE.
  - THE GE MFL NUMBER FOR THIS SYSTEM IS C-41.
  - PIPING HIGHER POINT VENTS AND LOW POINT DRAINS ARE TO BE ACCD AT ALL SUCH HIGH OR LOW POINTS NOT SERVED BY EQUIPMENT VENTS AND DRAINS.
  - STORAGE AND TEST TANK ELEVATIONS SHALL BE SUCH AS TO ENSURE FLOODED SUCION AT PUMP.
  - HAND VALVES F014, F015, F016 AND RELIEF VALVES REV. F020A AND B SHALL BE INSTALLED WITH AS SHORT PIPING RUNS TO MEMBER HCB-100 AS POSSIBLE.
  - FLUSHING CONNECTIONS (SUPPLY AND DRAIN) SHALL BE LOCATED TO ALLOW FOR MAX. SYSTEM FLUSHING.
  - TRACES AND TRACING SHALL BE INSTALLED IN ACCORDANCE WITH PER 8.
  - INSTRUMENT PIPING AND VALVING SHALL BE INSTALLED IN ACCORDANCE WITH PER 8.
  - STANDBY LIQUID CONTROL SYSTEM SHALL HAVE THERMOSTATICALLY CONTROLLED HEAT TRACING ON THE PUMP SECTION LINE FROM STORAGE TANK SYSTEM HEAT TRACING LINES ARE INSTALLED IN PRIMARY AND B REDUNDANT TRACES TO HEAT TRACES AND 55' SAFE KEEP CAPTURED.
  - PUMP SUCTION RING FROM THE STORAGE TANK AND THE TEST TANK SHALL CONFORM TO REQUIREMENTS IN REF. 6.
  - LOCATE 55 GALLON DRUM AND DRAIN LINE WITHIN WASH DOWN AREA AT FL 70'-0".
  - CONSTITUTE THE DESIGNER'S RESPONSIBILITY TO PROVIDE THE FOLLOWING MISCELLANEOUS VALVE NUMBERS HAVE BEEN ASSIGNED THROUGHOUT THIS P.I.D.

PRC  
APERTURE  
CARD

NO.	REVISION	DATE	BY	CHKD.
1	REVISED PER CHANGE LIST # 204	8/26/54	J. J. ...	J. J. ...
2	REVISED PER CHANGE LIST # 205	8/26/54	J. J. ...	J. J. ...
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8	REVISED PER CHANGE LIST # 211	8/26/54	J. J. ...	J. J. ...
9	REVISED PER CHANGE LIST # 212	8/26/54	J. J. ...	J. J. ...
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11	REVISED PER CHANGE LIST # 214	8/26/54	J. J. ...	J. J. ...
12	REVISED PER CHANGE LIST # 215	8/26/54	J. J. ...	J. J. ...
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99	REVISED PER CHANGE LIST # 302	8/26/54	J. J. ...	J. J. ...
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THE PENNSYLVANIA POWER & LIGHT COMPANY  
ALTOONA PLANT UNIT 1  
STANDBY LIQUID CONTROL

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