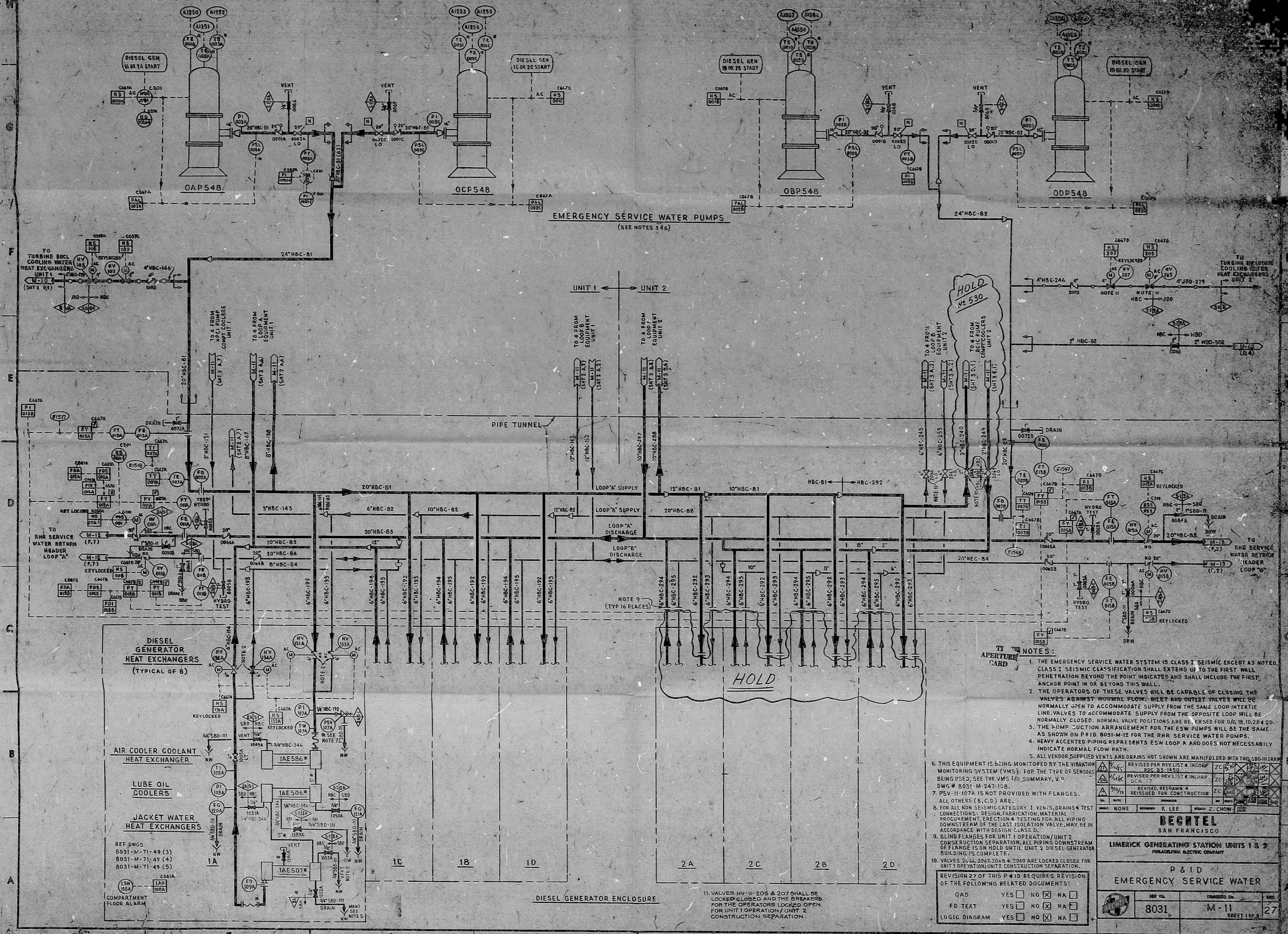




NOTES:

- THE EMERGENCY SERVICE WATER SYSTEM IS CLASS I SEISMIC EXCEPT AS NOTED. CLASS I SEISMIC CLASSIFICATION SHALL EXTEND UP TO THE FIRST WALL PENETRATION BEYOND THE POINT INDICATED AND SHALL INCLUDE THE FIRST ANCHOR POINT IN OR BEYOND THIS WALL.
- THE OPERATORS OF THESE VALVES WILL BE CAPABLE OF CLOSING THE VALVES AGAINST NORMAL FLOW. WHEN A VALVE CLOSING WILL BE NORMALLY OPEN TO ACCOMMODATE SUPPLY FROM THE SAME LOOP INTERIE LINE, VALVES TO ACCOMMODATE SUPPLY FROM THE OPPOSITE LOOP WILL BE NORMALLY CLOSED. NORMAL VALVE POSITIONS ARE REVERSED FOR D/G 1B, 1D, 2B & 2D.
- THE HUMP SUCTION ARRANGEMENT FOR THE ESW PUMPS WILL BE THE SAME AS SHOWN ON P&ID 8031-M-12 FOR THE RHR SERVICE WATER PUMPS.
- HEAVY ACCENTED PIPING REPRESENTS ESW LOOP A AND DOES NOT NECESSARILY INDICATE NORMAL FLOW PATH.
- ALL VENDOR SUPPLIED VENTS AND DRAINS NOT SHOWN ARE MANIFESTED WITH THIS SBD-H DRAWING.
- THIS EQUIPMENT IS BEING MONITORED BY THE VIBRATION MONITORING SYSTEM (VMS). FOR THE TYPE OF SENSORS BEING USED, SEE THE VMS I/O SUMMARY, V.P. DWG # 8031-M-247-108.
- PSV-11-107A IS NOT PROVIDED WITH FLANGES. ALL OTHERS (B, C, D) ARE.
- FOR ALL NON SEISMIC CATEGORY I VENTS, DRAINS & TEST CONNECTIONS: DESIGN, FABRICATION, MATERIAL PROCUREMENT, ERECTION & TESTING FOR ALL PIPING DOWNSTREAM OF THE LAST ISOLATION VALVE, MAY BE IN ACCORDANCE WITH DESIGN CLASS D.
- BLIND FLANGES FOR UNIT 1 OPERATION/UNIT 2 CONSTRUCTION SEPARATION. ALL PIPING DOWNSTREAM OF FLANGE IS ON HOLD UNTIL UNIT 2 DIESEL GENERATOR BUILDING IS COMPLETE.
- VALVES 2066, 2067, 2068 & 2069 ARE LOCKED CLOSED FOR UNIT 1 OPERATION/UNIT 2 CONSTRUCTION SEPARATION.
- REVISION 27 OF THIS P&ID REQUIRES REVISION OF THE FOLLOWING RELATED DOCUMENTS:

REVISIONS:

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DECTEL
SAN FRANCISCO

LIMERICK GENERATING STATION UNITS 1 & 2
PHILADELPHIA ELECTRIC COMPANY

P&ID
EMERGENCY SERVICE WATER

8031 M-11 27

PDR RIDS

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