



SYSTEM EC

| NO. | REFERENCE DRAWINGS             | REVISIONS | DATE     | BY      | OTHER |
|-----|--------------------------------|-----------|----------|---------|-------|
| 1   | DELAVAL LOGIC DIAGRAM          | M-54-0    | 10-21-61 | PD/DOCK |       |
| 2   | DELAVAL ELECTRICAL SCHEMATIC   | M-54-0    | 10-21-61 | PD/DOCK |       |
| 3   | DELAVAL CONTROL SEQUENCE CHART | M-54-0    | 10-21-61 | PD/DOCK |       |

TABLE 2

| VALVE TAG NO. | FUNCTIONAL DESCRIPTION |
|---------------|------------------------|
| I.O. HV-4754  | TRIP LINE              |
| I.O. HV-4755  | EFFLUENT               |
| I.O. HV-4756  | BACKWASH FILL WATER    |
| I.O. HV-4757  | PRECIPIT SUPPLY        |
| I.O. HV-4758  | MAIN DRAIN             |
| I.O. HV-4759  | AIR SCOUR              |
| I.O. HV-4760  | DOME AIR PRESSURE      |
| I.O. HV-4761  | TENT OVERFLOW          |
| I.O. HV-4762  | DOME DRAIN             |
| I.O. HV-4763  | WASTE PUMP DISCHARGE   |
| I.O. HV-4764  | RESIN SECTION          |
| I.O. HV-4765  | TRIP SWITCHING         |

- NOTES
- SYMBOL  $\Delta$  DENOTES AUTOMATICALLY SEQUENCED CONTROL WITH REMOTE MANUAL OVERRIDE.
  - ALL ITEMS MARKED WITH AN ASTERISK (\*) ARE SUPPLIED BY DELAVAL.
  - THE VALVE BODY (WATER TYPE) AND MOUNTING STUDS ARE BY DELAVAL. THE MOUNTING FLANGES ARE BY BECTEL AND MUST BE ANSI 300 LB. RATED.
  - FILTER DEMINERALIZER CONTROL PANEL LOCUS IS LOCATED IN THE RADWASTE CONTROL ROOM AND FILTER DEMINERALIZER RACK LOCUS IS LOCATED NEAR THE FILTER DEMINERALIZER VESSELS IN THE AUXILIARY BLDG - RADWASTE AREA.
  - THIS P&ID CONTAINS SYSTEMS OR PORTIONS OF SYSTEMS:
    - AP - CONDENSATE STORAGE AND TRANSFER
    - EC - FUEL POOL COOLING AND CLEAN UP
    - EE - TORIUS WATER CLEANUP
    - HD - LIQUID RADWASTE
    - HC - SOLID RADWASTE COLLECTION

TABLE 1

PANEL 20300

| TAG NO.  | FUNCTION | 10/31/61 | 01/31/62 |
|----------|----------|----------|----------|
| PREL04   |          | 1-4717   | 4717     |
| FIL01    |          | 1-4714   | 4714     |
| BACKWASH |          | 1-4714   | 4716     |

BECTEL  
SAN FRANCISCO  
PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
HOPE CREEK GENERATING STATION

P&ID  
FUEL POOL FILTER DEMINERALIZER  
JOB NO. 10855  
DRAWING NO. M-54-0  
SHEET 4



RIDS

8307260/07

