

HH-4701 LOCATED ON CB-45B

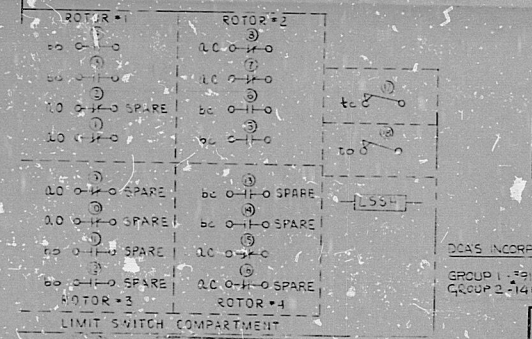
| CONTACT | AUTO LOCK | SELECTOR SWITCH OPERATOR | OPERATOR | OT-5H | POSITION SPRING RETURN TO CENTER | STANDARD HANDLE |
|---------|-----------|--------------------------|----------|-------|----------------------------------|-----------------|
| L10     | D         | O                        | X        | R10   |                                  |                 |
| L11     | X         | X                        | X        | R10   |                                  |                 |
| L12     | NC        |                          |          |       |                                  |                 |
| L13     | NC        |                          |          |       |                                  |                 |
| L14     | X         | X                        | X        | R10   |                                  |                 |
| L15     | D         | O                        | X        | R10   |                                  |                 |
| L16     | D         | O                        | X        | R10   |                                  |                 |

HH-4701 LOCATED ON REV-D1

| CONTACT | WIRE OPEN | SELECTOR SWITCH OPERATOR | OT-5H | POSITION SPRING RETURN TO CENTER | STANDARD HANDLE |
|---------|-----------|--------------------------|-------|----------------------------------|-----------------|
| L17     | D         | O                        | X     | R10                              |                 |
| L18     | X         | X                        | X     | R10                              |                 |
| L19     | NC        |                          |       |                                  |                 |
| L20     | NC        |                          |       |                                  |                 |
| L21     | X         | X                        | X     | R10                              |                 |
| L22     | D         | O                        | X     | R10                              |                 |
| L23     | D         | O                        | X     | R10                              |                 |

- SYMBOLS**
- 1 - INDICATES WIRE PREFIX [HH-4701]
  - 2 - INDICATES TERMINAL SHUT-DOWN TRANSFER PANEL HV-5
  - 3 - INDICATES LIMIT SWITCH SPACE HEATER
  - 4 - INDICATES MOTOR SPACE HEATER
  - 5 - INDICATES DRAW-OUT BREAKER, SWITCH MODULE DISCONNECT OR TERMINATION PAD DISCONNECT
  - 6 - INDICATES TERMINAL IN MOPPR CONTROL CENTER
  - 7 - INDICATES TERMINAL AT CIRCLE ROOM TERMINAL RACK-TC-07
  - 8 - INDICATES TERMINAL IN NOT SHUT-DOWN PANEL HV-5
  - 9 - INDICATES TERMINAL LOCAL IN SUBJECT M.O.V.
  - 10 - INDICATES TERMINAL IN SOLID-STATE PROTECTION SYSTEM OUTPUT CABINET-A
  - 11 - VALVE LIMIT SWITCH (VALVE-HV-4701)
    - 11a - OPEN ONLY WHEN VALVE IS FULLY CLOSED
    - 11b - OPEN EXCEPT WHEN VALVE IS FULLY OPEN
    - 11c - CLOSED ONLY WHEN VALVE IS FULLY CLOSED
    - 11d - CLOSED EXCEPT WHEN VALVE IS FULLY OPEN
  - 12 - VALVE TORQUE SWITCH (VALVE-HV-4701)
    - 12a - OPENED BY TORQUE RESPONSIVE MECHANISM TO STOP VALVE CLOSING
    - 12b - OPENED BY TORQUE RESPONSIVE MECHANISM TO STOP VALVE OPENING
  - 13 - INDICATES TERMINAL AT SAFEGUARDS TEST CABINET-A
  - 14 - CABLE DESTINATION (CABLE NO.)
  - 15 - DWG. REFERENCE

- NOTES**
- FOR SHEET ISSUE RECORD & SHEET INDEX SEE THIS DWG. SHEET #0
  - FOR INSTRUMENTATION CONTROL DIAGRAM SEE DRAWING 2523-MH-0231-03
  - CONTACTS LOCATED ON CONTACT RACK WITH POSITION PHASE SIGNAL
  - FOR ADDITIONAL NOTES & SYMBOLS SEE THIS DRAWING SHEET #00
  - VALVE IS SHOWN IN FULLY OPEN POSITION
  - ALL WIRING & CABBING FOR THIS EQUIPMENT IS ASSOCIATED CLASS 1E1 TRAIN A
  - CONTACTS OPEN ON SAFEGUARDS CIRCUIT TEST
  - SHIELD IS TO BE GROUNDED AT MULTIPLEXER CAB #2



| NO. | DATE | BY | CHKD. | APP'D. | DESCRIPTION               |
|-----|------|----|-------|--------|---------------------------|
| 1   |      |    |       |        | CONSTR. PER DEL-TD        |
| 2   |      |    |       |        | CONSTR. - INCORP DCRP #95 |
| 3   |      |    |       |        | CONSTR. PER DEL-TD        |
| 4   |      |    |       |        | CONSTR. PER DEL-TD        |
| 5   |      |    |       |        | CONSTR. PER DEL-TD        |
| 6   |      |    |       |        | CONSTR. PER DEL-TD        |
| 7   |      |    |       |        | CONSTR. PER DEL-TD        |
| 8   |      |    |       |        | CONSTR. PER DEL-TD        |

**CLASS 1E**

TEXAS UTILITIES SERVICES, INC.  
AGENT FOR:  
DALLAS POWER & LIGHT COMPANY  
TEXAS ELECTRIC SERVICE COMPANY  
TEXAS POWER & LIGHT COMPANY

COMANCHE PEAK 5 E S  
1980-82 - 2300 MW INSTALLATION

MOTOR OPERATED VALVE  
HH-4701  
REACT. COOL. PP. MTR. AIR & LO.  
CLR. CCW. ISOL. VALVE

Gibbs & Hill Inc.  
2323-EI-0050

JOB NO. 2323 SHEET No. 37

8410050438



PDR RIDS

8410050438

