



TI APERTURE CARD

SYMBOLS

- - INDICATES TERMINAL AT HOT SHUT-DOWN PANEL (HV-4)
- - INDICATES TERMINAL AT SHUT-DOWN TRANSFER PANEL (HV-5)
- () - INDICATES WIRE PREFIX (UATB-4)
- - INDICATES SWITCH MODULE DISCONNECT OR TERMINATION RACK DISCONNECT
- - INDICATES TERMINAL AT ACTUATOR JUNCTION BOX-2
- - INDICATES TERMINAL AT ACTUATOR JUNCTION BOX-3
- - INDICATES TERMINAL AT LIMIT SWITCH ASSEMBLY 'A'
- - INDICATES TERMINAL AT LOCAL DEVICES
- - INDICATES TERMINAL AT CABLE ROOM TERM RACK (HV-13)
- - INDICATES TERMINAL AT BOP AUX RELAY RACK '1'
- () - INDICATES WIRE PREFIX SAME AS VALVE NUMBER (HV-2336B)
- - VALVE LIMIT SWITCH (VALVE 1-HV-2336B)
- - OPEN ONLY WHEN VALVE IS FULLY CLOSED OR CLOSED EXCEPT WHEN VALVE IS FULLY OPEN
- - INDICATES TERMINAL AT SOLID STATE PROTECTION SYSTEM OUTPUT CABINET '1', TRAIN 'A'
- - INDICATES TERMINAL ON BOP AUX RELY RACK '4'

CABLE DESTINATION

CABLE NO. | DWG. REFERENCE

- NOTES**
- RPI INSTRUMENTATION & CONTROL DIAGRAM SEE DRAWING 2323-M1-2202-10.
 - FOR SWITCH 1-HV-2336B DEVELOPMENT SEE THIS DWG, SH #45.
 - CONTACT OPEN IN 'OFF' SHELF POSITION. CLOSURE ON NORMAL ACCUMULATOR PRESSURE.
 - CONTACT OPENS ON 'LO' LEVEL.
 - PSI IS A SOLENOID VALVE POSITION SWITCH - CLOSURE WHEN SOLENOID IS ENERGIZED.
 - DASHED LINE IS NON CLASS 'IE'.
 - VALVE IS SHOWN IN FULLY OPEN POSITION.
 - FOR SHEET ISSUE RECORD & SHEET INDEX SEE THIS DWG, SH #0.
 - CONTACT OPENS ON 'LO' PRESSURE.
 - FOR ADDITIONAL NOTES & SYMBOLS SEE DWG #0040, SH #00.
 - ALL WIRING & CABLING FOR THIS EQUIPMENT IS ASSOCIATED CLASS 'IE' TRAIN 'A' ARE USED ON DRAWING THE-31-0039, SHEET 12.
 - SHIELD IS TO BE GROUNDING AT MULTIPLEXER CAB. OKLI.

TERMINATION RACK

U-5A1(B)	U-5A2(B)	U-5A3(B)	U-5A4(B)	U-5A5(B)	U-5A6(B)	U-5A7(B)	U-5A8(B)	U-5A9(B)	U-5A10(B)
U-5A11(B)	U-5A12(B)	U-5A13(B)	U-5A14(B)	U-5A15(B)	U-5A16(B)	U-5A17(B)	U-5A18(B)	U-5A19(B)	U-5A20(B)

ROCKWELL INTERNATIONAL ACTUATOR JUNCTION BOX-3

U-5A1(B)	U-5A2(B)	U-5A3(B)	U-5A4(B)	U-5A5(B)	U-5A6(B)	U-5A7(B)	U-5A8(B)	U-5A9(B)	U-5A10(B)
U-5A11(B)	U-5A12(B)	U-5A13(B)	U-5A14(B)	U-5A15(B)	U-5A16(B)	U-5A17(B)	U-5A18(B)	U-5A19(B)	U-5A20(B)

ROCKWELL INTERNATIONAL ACTUATOR JUNCTION BOX-2

U-5A1(B)	U-5A2(B)	U-5A3(B)	U-5A4(B)	U-5A5(B)	U-5A6(B)	U-5A7(B)	U-5A8(B)	U-5A9(B)	U-5A10(B)
U-5A11(B)	U-5A12(B)	U-5A13(B)	U-5A14(B)	U-5A15(B)	U-5A16(B)	U-5A17(B)	U-5A18(B)	U-5A19(B)	U-5A20(B)

FOR OFFICE AND ENGINEER USE ONLY

CLASS I
INCLUDE SAFETY-RELATED
SAFETY CLASS 1
SAFETY CLASS 1
SAFETY CLASS 1

TEXAS UTILITIES GENERATING CO.
SOLENOID OPERATED VALVE
1-HV-2336B
MAIN STEAM LOOP 4 BYPASS ISOLATION VALVE

DWG. NO. 2323-EI-0039
SHEET NO. 47

8410050415

PDR RIDS

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