sh No. 1

REVISIONS

1978

CONT ON SHEET 2 TITLE TEST INSTRUCTIONS FOR LOAD CONTROL UNIT CV AMPLIFIERS P3K-AL-0566-A01

ANALOG/LOGIC CIRCUIT BOARD 1L3-D003 cont on sheet 2 1 SH NO.

FIRST MADE FOR (Ass'y Drawing 137D6710 G1& G2)

CIRCUIT DESCRIPTION

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This circuit board is used to consolidate all of the Analog to Logic Relays that provide switching signals to the Control Valve Amplifier Analog Circuit.

The board contains (8) 24V mercury wetted relays.

II. CIRCUIT SPECIFICATIONS For 137D6710 G1

- Connect +24 VDC to pin 38 and ground to pin 40. A +24V should appear between TP1 and TP2. Connect 24V 20 MA lamps to pins 33, 15, 17, 18, 6, 7, 8, 9, 10, 11, 23, 25, 26, 35 and 36.
- The logic and path continuity should be checked according to the following table; Page 2 for G1; Page 3 for G2.

273-2 273-12⁵ **273-13**8 273 121

273-227 273-71

PRINTS TO

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APPROVALS

Steam Turbine

GENERAL (%) ELECTRIC P3K-AL-0566-A01 CONT ON SHEET 3 sh no. 2 TITLE TEST INSTRUCTIONS FOR LOAD CONTROL UNIT CV AMPLIFIERS P3K-AL-0566-A01 ANALOG/LOGIC CIRCUIT BOARD 1L3-D003 FIRST MADE FOR (Ass'y Drawing 137D6710 G1 & G2) CONT ON SHEET SH NO. REVISIONS TEST INSTRUCTIONS FOR 137D6710 G1 100 STOCKER 31 57 CORRECT OUTPUTS/AT + 25 O(C)ſ∞ ৩ধ 18 on lamp OF 24V 20 lamp PINS or ATO & 8 ö 0 19 PRINTS TO Mº.Moffe Apr. 27, 1977 APPROVALS DIV OR Steam Turbine P3K-AL-0566-A01 _ DEPT. ISSUED APR 2 7 1977 Schenectady, N.Y.

LOCATION CONT ON SHEET 3

SH NO.

P3K-AL-0566-A01

REY NO. TITLE CONT ON SHEET A sн NO. 3 TEST INSTRUCTIONS FOR LOAD CONTROL UNIT CV P3K-AL-0566-A01 AMPLIFIERS ANALOG/LOGIC CIRCUIT BOARD 1L3-D003 CONT ON SHEET 4 FIRST MADE FOR (Ass'y Drawing 137D6710 G1 & G2) SH NO. **REVISIONS** TEST INSTRUCTIONS FOR 137D6710 G2 RETYPED ≪ REVISED CORRECT OUTPUTS 2 5 on or lamp 24V 15 30 lamp off AT PINS 19 PRINTS TO MADE BY D. More Apr. APPROVALS 27, 1977 DIV OR P3K-AL-0566-A01 Steam Turbine ISSUED

Schenectady, N.Y.

LOCATION CONT ON SHEET 4

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| REV DI | TITLE | | H NO. 4 |
| P3K-AL-0566-A01 | TEST INSTRUCTIONS FOR LOAD CONTROL ANALOG/LOGIC CIRCUIT BOARD 1L3-D003 | | |
| CONT ON SHEET SH NO. 4 | FIRST MADE FOR (Ass'y Drawing 137D67 | 10 G1) | |
| | | | REVISION |
| PREPARED BY: J. Dombo | DATE DATE IGN ENGINEERING | 4-17.77 | 11 STOCACORE 31 1978 |
| | DATE DATE CON ENGINEERING | 4-22-77 | |
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