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TITLE

CONT ON SHEET 2

P3K-AL-0448-A01

TEST INSTRUCTIONS FOR STANDBY CONTROL LOGIC

sh No. 1 CONT ON SHEET

FIRST MADE FOR EHC MARK II

REVISIONS

## SCOPE

This test instruction outlines the test specifications for circuit board assembly 125D3647 (Schematic 125D3268).

## CIRCUIT DESCRIPTION

This circuit board consists of 5 double pole double throw relays, diodes and wiring interconnections for the logic of the Standby system. It also contains 6 sets of 68.1 resistors and diodes for the lamp test functions.

## CIRCUIT SPECIFICATIONS

- 1. Before coating the board, each diode should be checked using an ohmmeter (especially in the reverse direction) to insure that redundancy is effective.
- 2. Using ohmmeter verify continuity between the following points:

29 to 3

TP1 to 24

TP2 to 29

29 to 28

TP3 to 30 TP**5** to 38

29 to 31 16 to 7

TP4 to 40

3. Connect ground to pin 40.

Connect miniature 24V lamps to pins: 29, 9, 8, 23, 22, 21, 20, 19, 17, 16, 34.

The logic and path continuity should conform with the following table.

NOTE: For inputs a logic "1" is +24V a logic "O" is OV

> For outputs a logic "1" is +24V or lamp ON a logic "O" is OV or lamp OFF

For the line with (\*) the lamp outputs are dim because the 68.1-1 resistors are in series.

273-2 273-12

273-130

273-22

273-71

PRINTS TO

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D'^Mo¶ĭe May 23, 1975 APPROVALS

Steam Turbine

Schenectady, N.Y.

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P3K-AL-0448-A01

LOCATION CONT ON SHEET

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