



GE Power Generation Engineering

Materials and Processes Engineering
Schenectady, NY 12345

PROCESS SPECIFICATION

P3K-AL-0456-A01

TEST INSTRUCTIONS FOR LOAD CONTROL UNIT MAIN STOP VALVE INTERCEPT VALVE AMPLIFIER ANALOG LOGIC

DOCUMENT REVISION STATUS: DETERMINED BY THE LAST ENTRY IN THE "REV" AND "DATE" COLUMN

REV.	AN NO.	DESCRIPTION	SIGNATURE	REV. DATE
A	YA00096	SPECIFICATION LISTED IN STEAM TURBINE/GENERATOR INDEX AS "INACTIVE" HAS BEEN FORMALLY REVISED AS "INACTIVE FOR NEW DESIGN". (PR BUDKA)	C.R. Tripp	DEC 02 1991
<div>INACTIVE FOR NEW DESIGN AS OF 12/02/91</div>				

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PREPARED BY: P.R. BUDKA

ORIG. ISSUE DATE: --

REV NO. <u>0 A</u> P3K-AL-0456-A01 CONT ON SHEET <u>3</u> SH NO. <u>2</u>	TITLE TEST INSTRUCTIONS - LOAD CONTROL UNIT MAIN STOP VALVE/ INTERCEPT VALVE AMPLIFIER ANALOG/LOGIC (LCU MSV/IV AMP A/L) FIRST MADE FOR DRAWING NUMBER 125D3609 G1 EHC MARK II
<p>I. <u>CIRCUIT DESCRIPTION</u></p> <p>This circuit board contains the logic pertaining to the Main Stop/ Intercept Valve Logic system. Various relays energize and de-energize to steer signals to other components.</p> <p>II. <u>EQUIPMENT NEEDED</u></p> <p>The following equipment, or its equivalent, is recommended for testing this board.</p> <ul style="list-style-type: none"> a. SPST switches b. 24 VDC indicators c. DC power supplies d. Wire, screws, miscellaneous hardware <p>III. <u>CIRCUIT SPECIFICATION</u></p> <p>The reference board shall be connected as per Figure 1 and tested as follows:</p>	
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MADE BY D. Mone July 23, 1976 ISSUED JUL 23 1976	APPROVALS <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Steam Turbine Schenectady, N.Y. </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> DIV OR DEPT. LOCATION </div> <div> P3K-AL-0456-A01 CONT ON SHEET <u>3</u> SH NO. <u>2</u> </div> </div>

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FIRST MADE FOR DRAWING NUMBER 125D3609 G1 EHC MARK II

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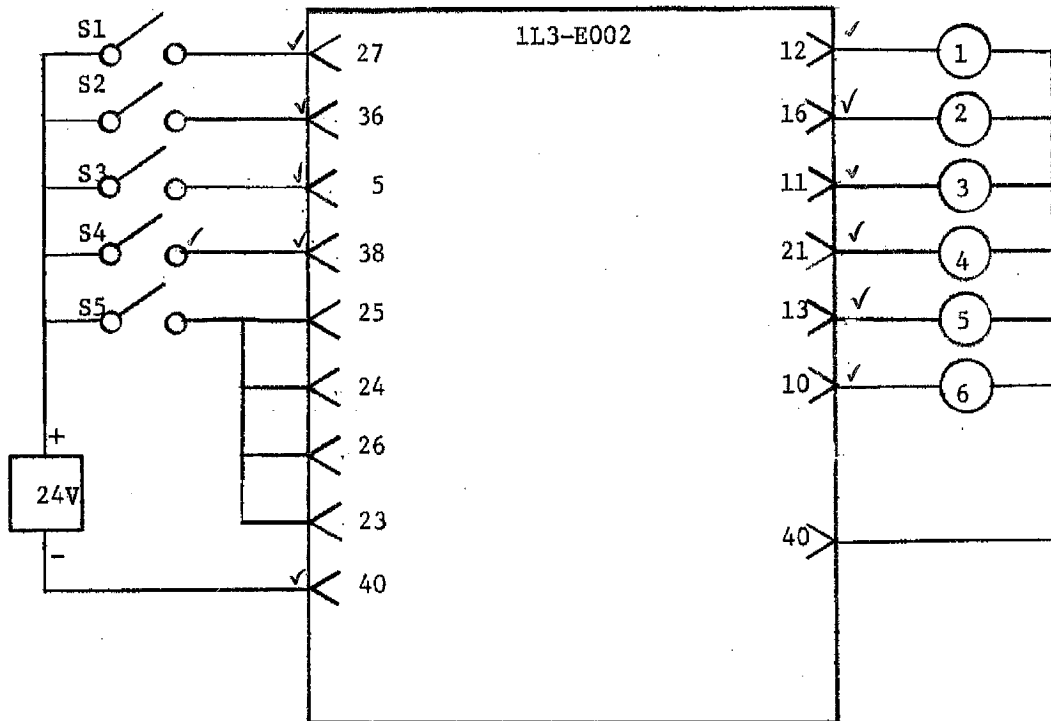


FIGURE 1

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TITLE
 * TEST INSTRUCTIONS - LOAD CONTROL UNIT MAIN STOP VALVE/
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	S1	S2	S3	S4	S5	B1	B2	B3	B4	B5	B6	TP
												1
24 VDC APPLIED				1	1		1	1		1	1	1
K1 ENERGIZED	1			1	1	1				1	1	1
K2 ENERGIZED		1		1	1		1	1	1		1	1
K3 ENERGIZED			1	1	1		1	1		1		1
K1, K2, K3 ENERGIZED	1	1	1	1	1	1			1			1
S4 OPEN	1	1	1	1		1			1			
S5 OPEN	1	1	1	1								1

1 = ENERGIZED/ILLUMINATED

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P3K-AL-0456-A01	TEST INSTRUCTION FOR LCU MSV/IV AMP A/L		
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TEST INSTRUCTIONS 1L3-E002

Assembly 125D3609
Schematic 118D2193

PROCEDURE:

- A. Refer to P3K-AL-0494-A02 for test circuits, equipment list, and set up instructions.
- B. Table A provides the step by step procedure to follow in testing this circuit.
- C. Table B provides a step by step description of input voltages (to use as a troubleshooting aid).

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TEST INSTRUCTION FOR LCU MSV/IV AMP A/L

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CODE IDENT NO.

P3K-AL-0456-A01

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TEST INSTRUCTION FOR LCU MSV/IV AMP A/L

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FIRST MADE FOR DRAWING NUMBER 125D3609 G1 EHC MARK II

REVISIONS

PREPARED BY

C.J. Barrigher

DATE

11/7/75

C.J. Barrigher
EHC DESIGN ENGINEERING

APPROVED BY

P.C. Callan

DATE

7-21-76

P.C. Callan - MANAGER
EHC DESIGN ENGINEERING

TEST PROCEDURE

PREPARED BY

C.R. Bugg

DATE

7/2/76

C. Bugg
EHC TEST ENGINEER

TEST PROCEDURE

APPROVED BY

C.J. Barrigher

DATE

7/20/76

C.J. Barrigher
EHC DESIGN ENGINEERING

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