

GE Power Generation Engineering

PROCESS SPECIFICATION

Materials and Processes Engineering Schenectady, NY 12345

P3K-AL-0316-A01

BOARD TEST INSTRUCTIONS - VLV TEST TO POS CONT CIRCUIT BOARD ASSEMBLY

וטטטט	MENT REVISIO	IN STATUS: DETERMINED BY THE LAST ENTRY IN THE "REV	" AND "DATE" COLUMN	<u> </u>
REV.	AN NO.	DESCRIPTION	SIGNATURE	REV. DATE
A	YA00096	SPECIFICATION LISTED IN STEAM TURBINE/GENERAT INDEX AS "INACTIVE" HAS BEEN FORMALLY REVISED AS "INACTIVE FOR NEW DESIGN". (PR BUDKA)	OR C.R. Trupapi	DEC 0 2 199
		INACTIVE FOR NEW DESIGN AS OF 12/02/91		
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GENERAL ELECTRIC COMPANY.

PREPARED BY:	P.R.	BUDKA
ORIG. ISSUE DATE:		-

GENERAL @ ELECTRIC

P3K-AL-0316-A01

NO. O A

CONT ON SHEET

TITLE

CONT ON SHEET

SH NO.

P3K-AL-0316-A01

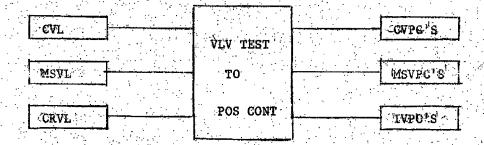
BOARD TEST INSTRUCTIONS - VLV. TEST TO POS. CONT. CIRCUIT BOARD ASSEMBLY 115D2255 FIRST MADE FOR EHC MARK II FLOW CONTROL

REVISIONS

A. CIRCUIT DESCRIPTION

SH NO.

This board interfaces one of the valve test logic boards with one of the valve position control (VPC) boards when any controlling valve is under test.



The board contains 12 independently energized 24 VDC relay coils with 12 independently wired, normally open contacts. All the coils have a common 24 VDC ground.

B. TEST PRELIMINARY

- 1. Apply a 24 VDC ground to pin 40.
- 2. Make all relay contact checks between board pins to determine lead continuity.

C, TEST SPECIFICATIONS

Verify the board test results according to the following table:

APPROVALS

273-5 273-5/4 273-2

273-12

273-138 273-221

273-227

273-71

PRINTS TO

COPYRIGID 1983 CEPTRAL RECIBE CO.

MOS. None Feb. 16, 1977

ISSUED FEB 16 1977

Steam Turbine DIV OR OFFT.
Schenectady, N.Y. LOCATION

P3K-AL-0316-A01

GENERAL SE ELECTRIC P3K-AL-0316-A01

CORE IDENT NO

EV CY IA	TITLE CONT ON SHEET SY SH NO. 3
iō. V P	BOARD TEST INSTRUCTIONS - VLV. TEST TO POS. CONT.
P3K-AL-0316-A01	CIRCUIT BOARD ASSEMBLY 115D2255
CONT ON SHEET \$ SH. NO. 3	FIRST MADE FOR EHC MARK II FLOW CONTROL
-	REVISI
TEST ACTION	RESULT
Apply, Remove 24 VDC a	t: Contacts associated with relay: K1 K2 K3 K4 K5 K6 K7 K8 K9 K10 K11 K12
	K1 K2 K3 K4 K5 K6 K7 K8 K9 K10 K11 K12
1. Apply at Pin 17	For each test ascertain that all other contacts remain
2. Remove 3. Apply Pin 15	open.
4. Remove	
5. Apply Pin 13	<u> </u>
6. Remove	
7. Apply Pin 11 8. Remove	
9. Apply Pin 9	1
10. Remove	
11. Apply Pin 7 12. Remove	
13. Apply Pin 25	1
14. Remove	
15. Apply Pin 27	0 1
16. Remove 17. Apply Pin 29	
18. Remove	
19. Apply Pin 31	
20. Remove	
21. Apply Pin 33 Remove	
23. Apply Pin 35	1
24. Remove	Company of the Compan
	1 = Energized state
	0 = Unenergized state
	PRINT
DE BY	APPROVALS
).Mone Feb. 16, 1977	Steam Turbine DIV OR P3K-AL-0316-A01

SA		TITLE			P3K-AL-0316	SH NO.				
P3K-AL-O	316-A01	BOARD TI	est instruc:	PIONS - VALVE TE	ST TO POS. CONT	TO POS. CONT.				
ONT ON SHEET	5. BH NO. 4	1F3-A000	Ol REF: SCI	HEMATIC 115D2254 II						
	· ·			ASSM. 115D225	5 ;	REVISIO				
				Sch. 115D225	4					
			,	Patchboard No.						
1.	All switches de	own.			11					
2.	Patched program	mia es s	hown in Tah'	le A.		ľ				
•	•	2 20 00 0.		ro v						
3•	Procedure.		•		•					
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CODE IDENT NO.

FF-803-WA (1-72) PRINTED IN U.S.A.

L5 L6 L7 L8 L9 L10 L11 L12		
15 16 17 18 19 110 111		
15 16 17 18 19 110 111	·	
15 16 17 18 19 110		
15 16 17 18 X X X X X X X X X X X X X X X X X X X	•	
15 16 17 18 X X X X X X X X X X X X X X X X X X	-	
T2 16 L7		•
T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.	
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		: !
EDURE 3 2 2 1 0 10 10 10 12 11 11 11 11 11 11 11 11 11 11 11 11		
	_	
PRO Switch F		
Step Step Step Step Step Step Step Step		
1 2 m 4 m 6 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
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DAOF BY Feb. 16, 1977

Steam Turbine

Steam Turbine

FEB 16 1977

Schenectady, N.Y. Legation Cont on Sheet & Sh No.5

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APPROVALS

Steam Turbine

DIV OR DEPT

P3K-AL-0316-A01

LOCATION CONT DN SHEET Schenectady, N.Y.

SH NO. 6 CODE IDENT

PRINTS

FF-103-WA (1-72)

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APM A	GENERAL & ELECTRIC	P3K-AL-0316-A01
P3K-AL-0316-A01 CONT ON SHEET SH NO.	TITLE BOARD TEST INSTRUCTIONS - VLV. TES 1F3-A001 REF: SCHEMATIC 115D2254 FIRST MADE FOR EHC MARK II FLOW CONT	
		4
SPECIFICATION PREPARED	BY IS abelian	DATE 25 73
	S.S. Abelson EHC DESIGN ENGINEERING	
APPROVED BY PC	Collen	DATE 1-26-73
P.C. Callan EHC DESIGN E	- MANAGER	
TEST PROCEDURE PASSEMED BY	Ch Bugg	DATE 2/9/23
C. R. Bugg		/ /
EHC TEST ENG	INEER	-

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D.Mo	ne	Feb.	16,	1977		\ \ \	PROVALS	Steam	Turbir	ie ·	٠	DIV OR	P	3KΔT.	-0316-A0)1	· · · · · · · · · · · · · · · · · · ·
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