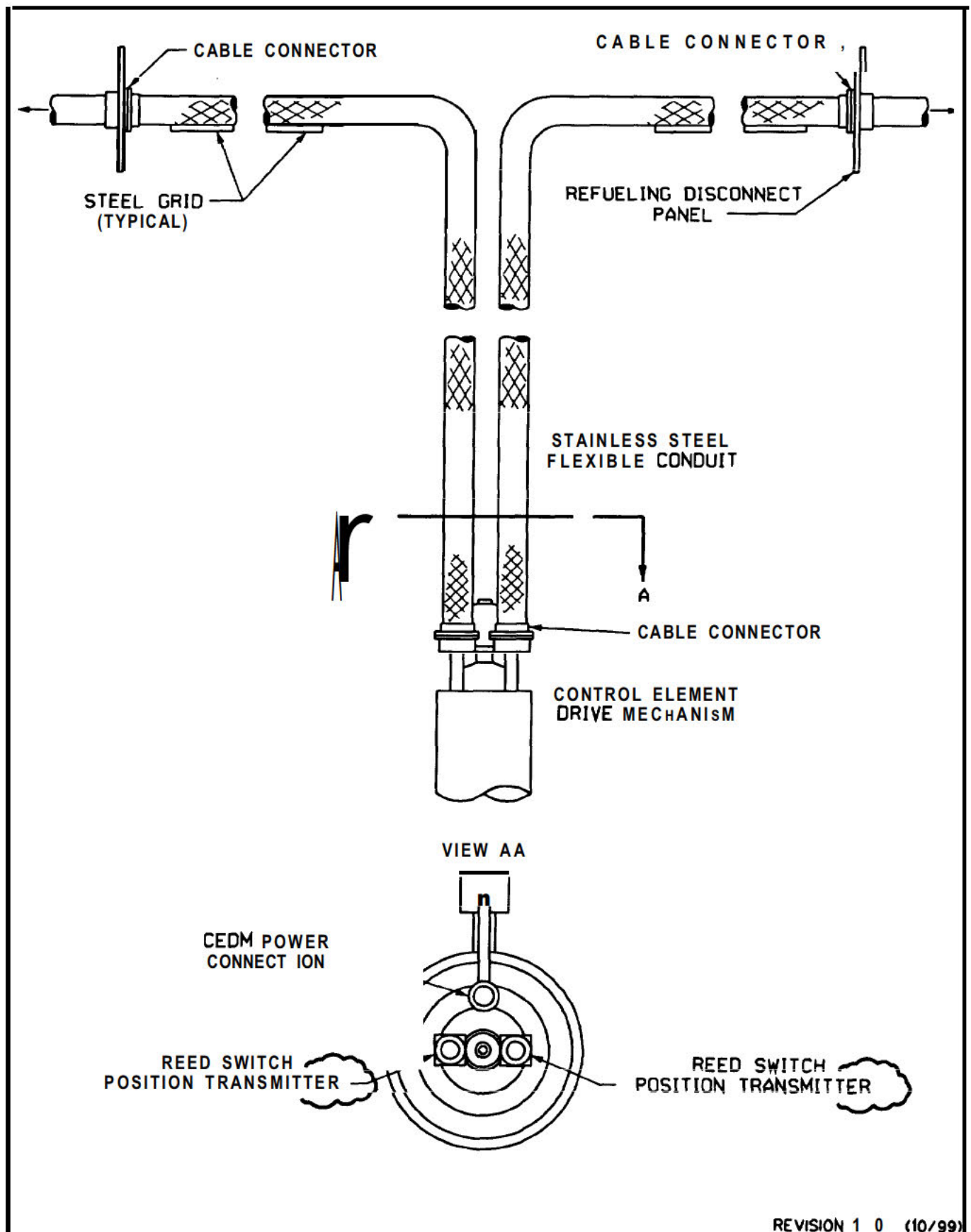


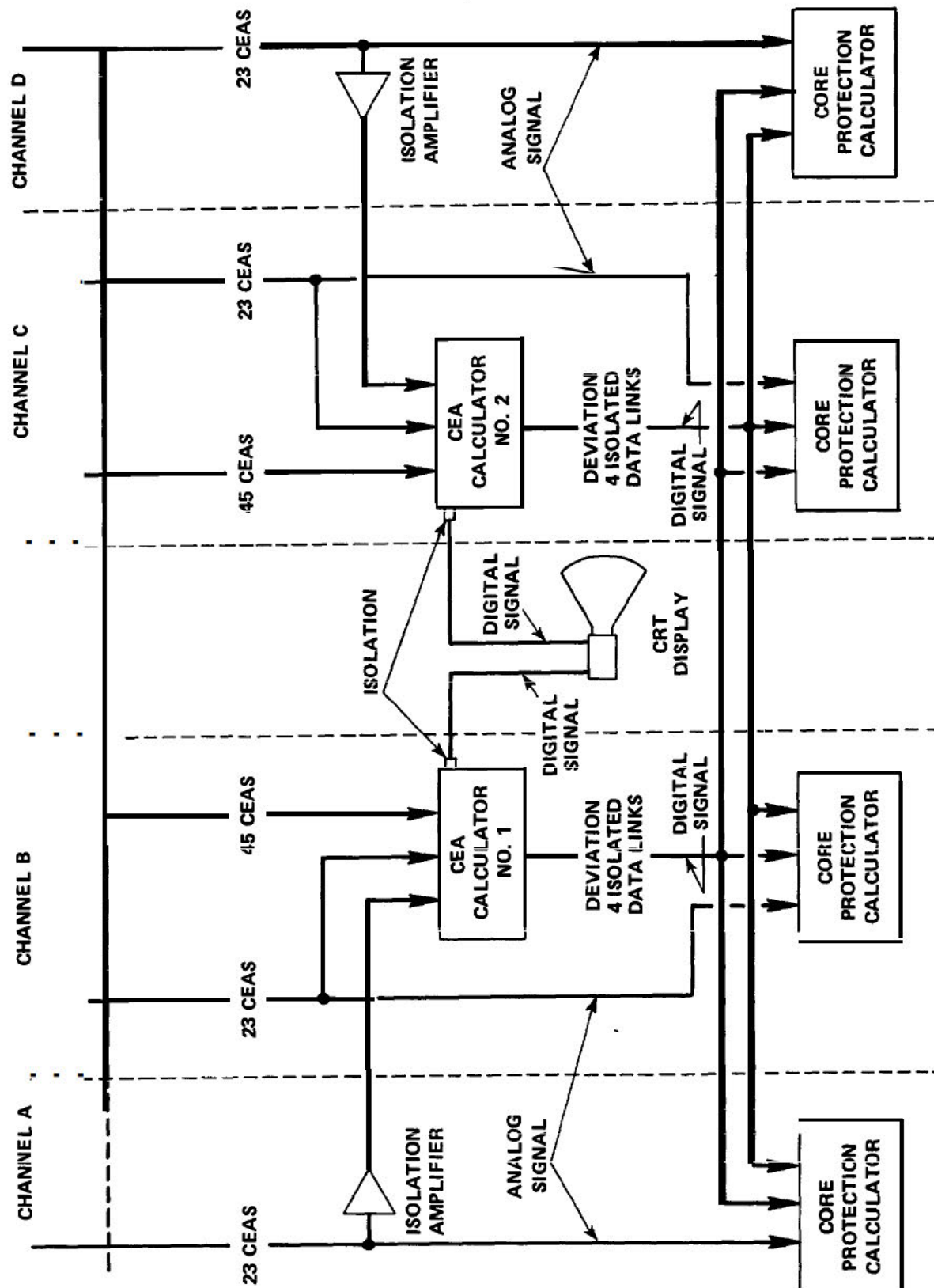
LOUISIANA
POWER & LIGHT CO.
Waterford Steam
Electric Station

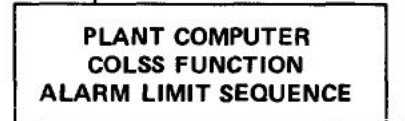
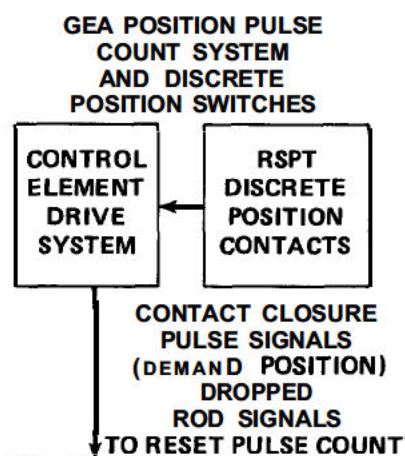
TYPICAL MEASUREMENT CHANNEL
FUNCTIONAL DIAGRAM
(PRESSURIZER PRESSURE)

Figure

7.2-1

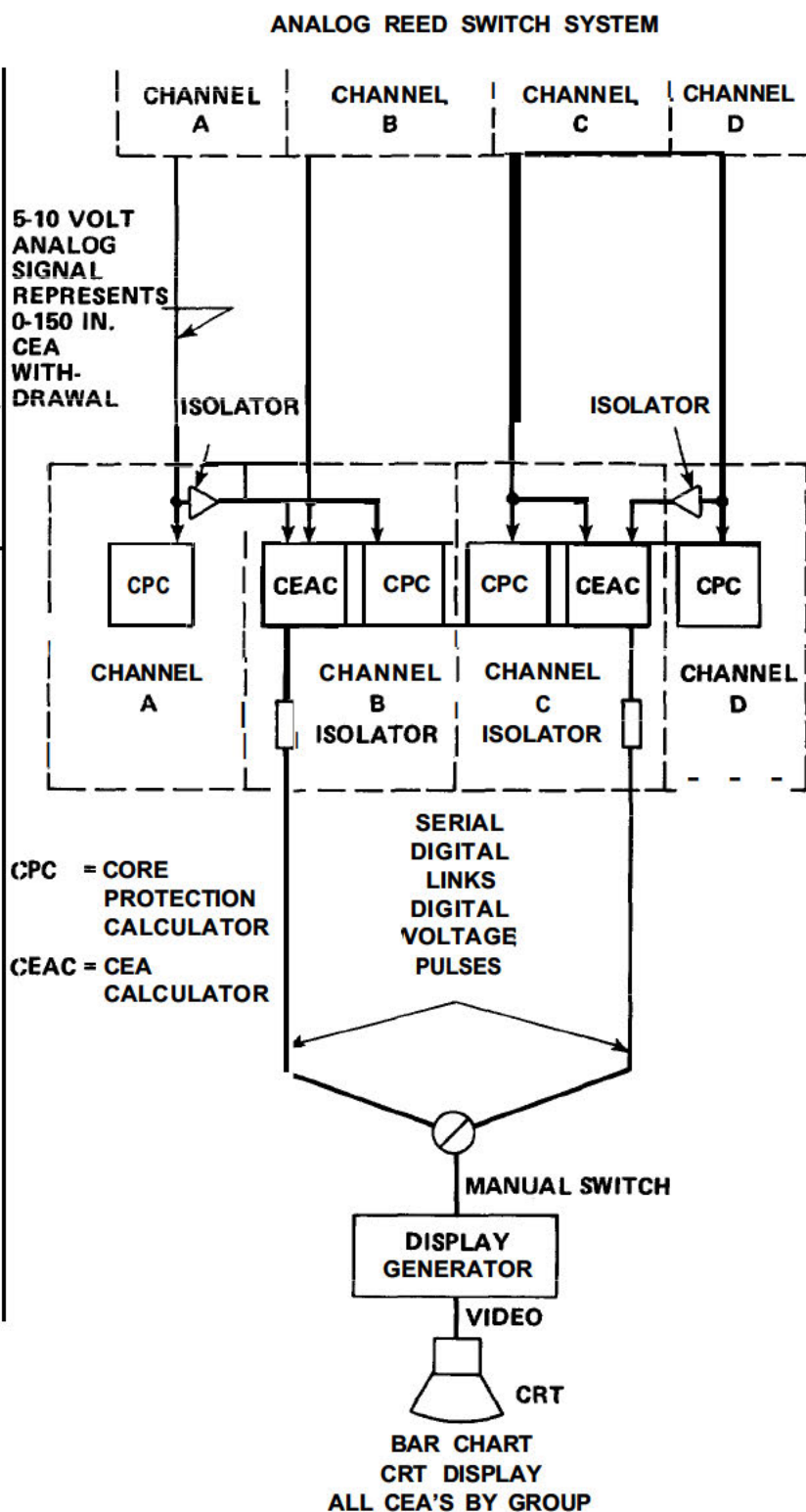


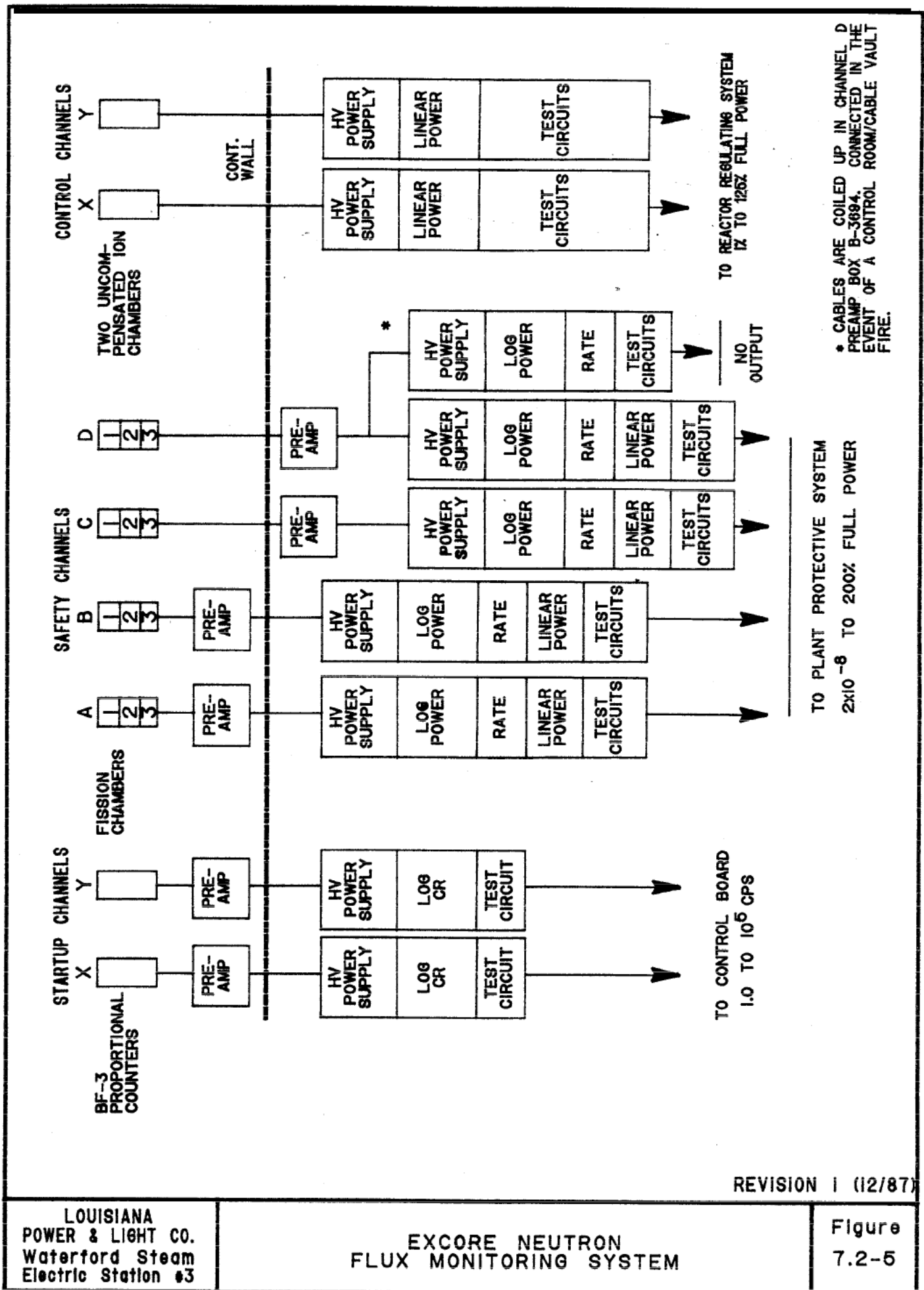


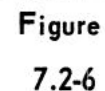


**DIGITAL DISPLAY
SELECTED GROUP
POSITION**

**DIGITAL DISPLAY
INDIVIDUAL CEA
POSITION OF SELECTED CEA**





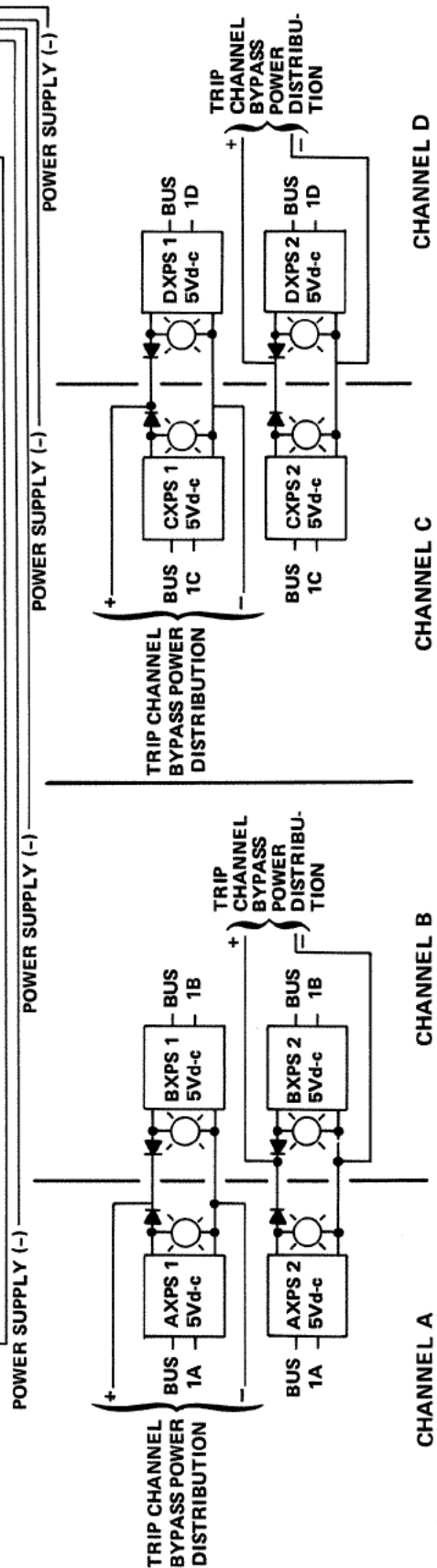


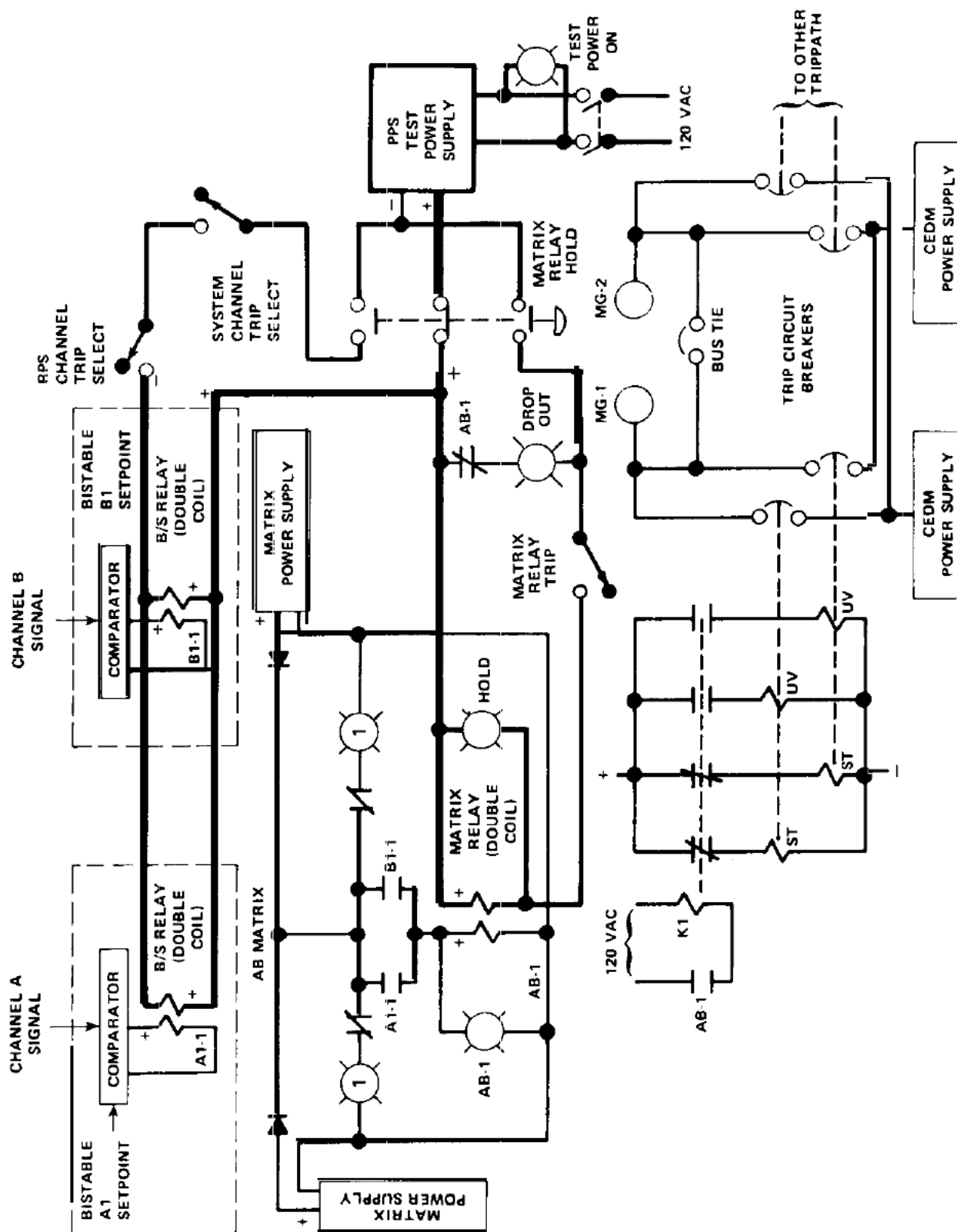
Security Related Information
Figure Withheld Under 10 CFR 2.390

REVISION 7 (10/94)

WATERFORD STEAM
ELECTRIC STATION #3

PLANT PROTECTION SYSTEM
SIMPLIFIED FUNCTIONAL DIAGRAM
FIGURE 7.2-7





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REVISION 1 (12/87)

LOUISIANA POWER & LIGHT CO.
Waterford Steam Electric Station #3

PLANT PROTECTION SYSTEM
INTERFACE LOGIC DIAGRAM

FIGURE 7.2-10

REF DWG: EMDRAC 0817-7181 (REV 3)

Security Related Information
Figure Withheld Under 10 CFR 2.390

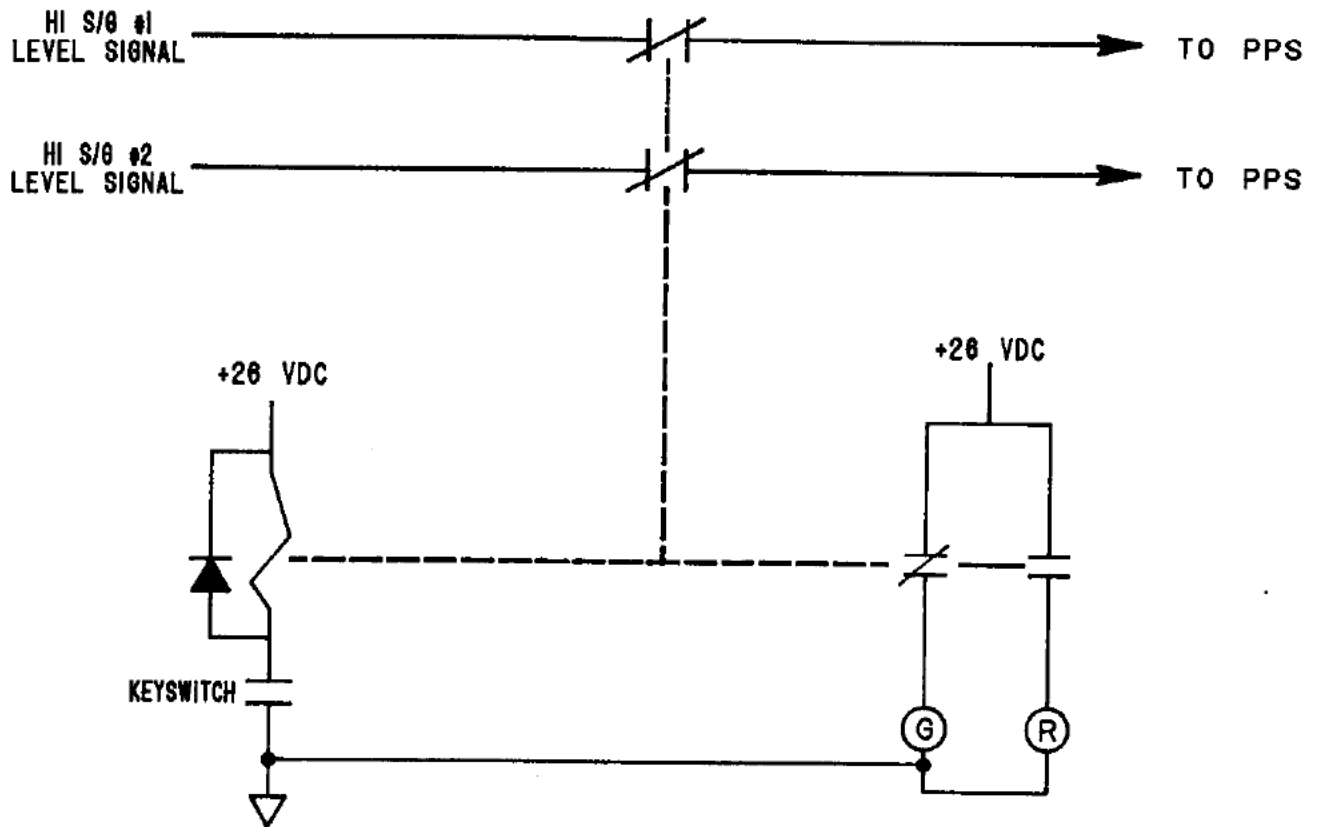
REF. DWG: EMDRAC 1584-7462

LOUISIANA POWER & LIGHT CO.
Waterford Steam Electric Station #3

PPS BYPASS AND BLOCK SCHEMATIC

FIGURE 7.2-11

HIGH STEAM GENERATOR LEVEL TRIP BYPASS



- NOTE:
- ① 1 CHANNEL OF 4 REDUNDANT CHANNELS SHOWN.
 - ② BYPASS CIRCUIT IS LOCATED EXTERNAL TO PPS IN CP-26 THROUGH 28.

REVISION 1 (12/87)

LOUISIANA
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Waterford Steam
Electric Station #3

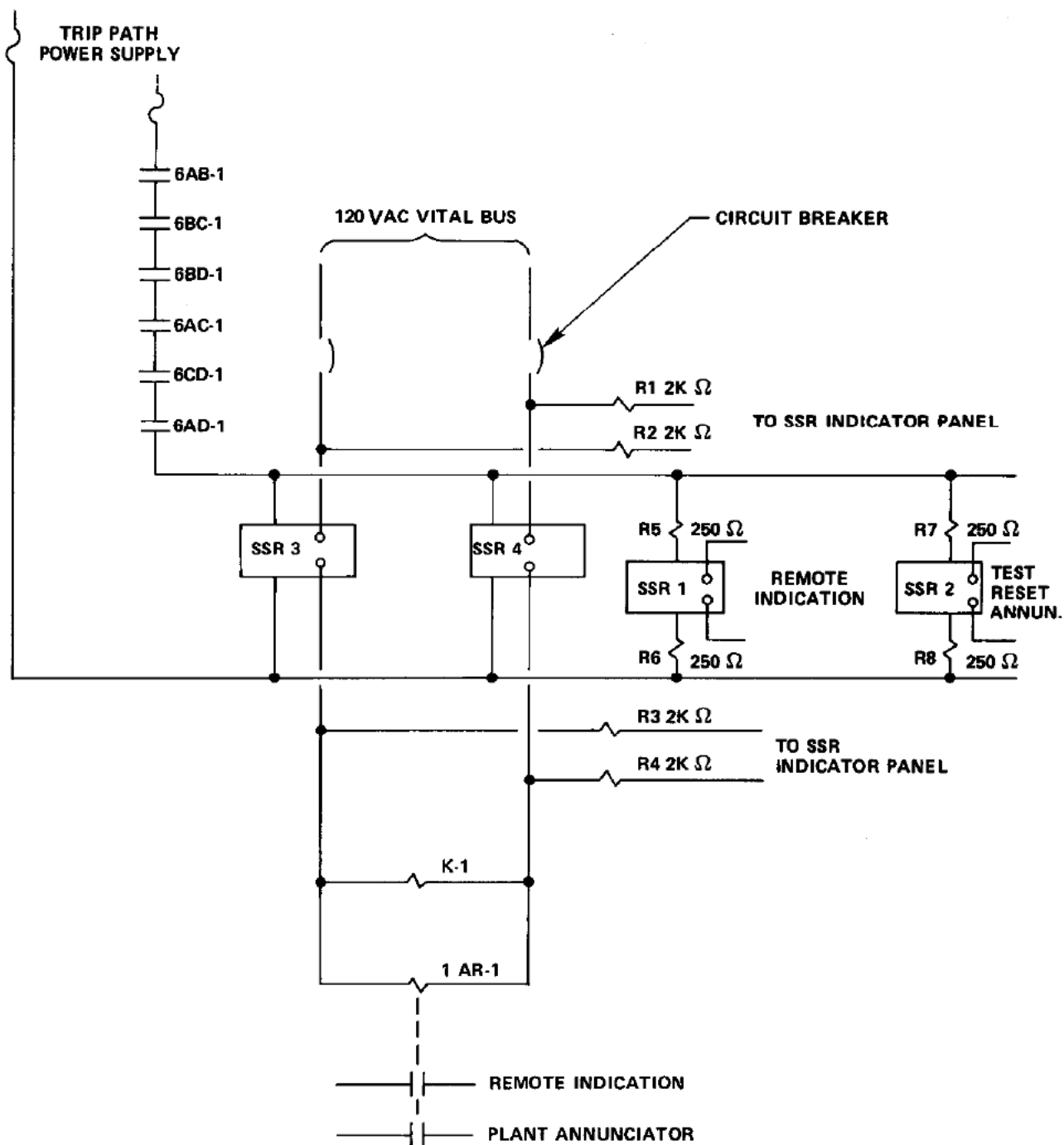
PPS BYPASS AND BLOCK SCHEMATIC

Figure
7.2-11a

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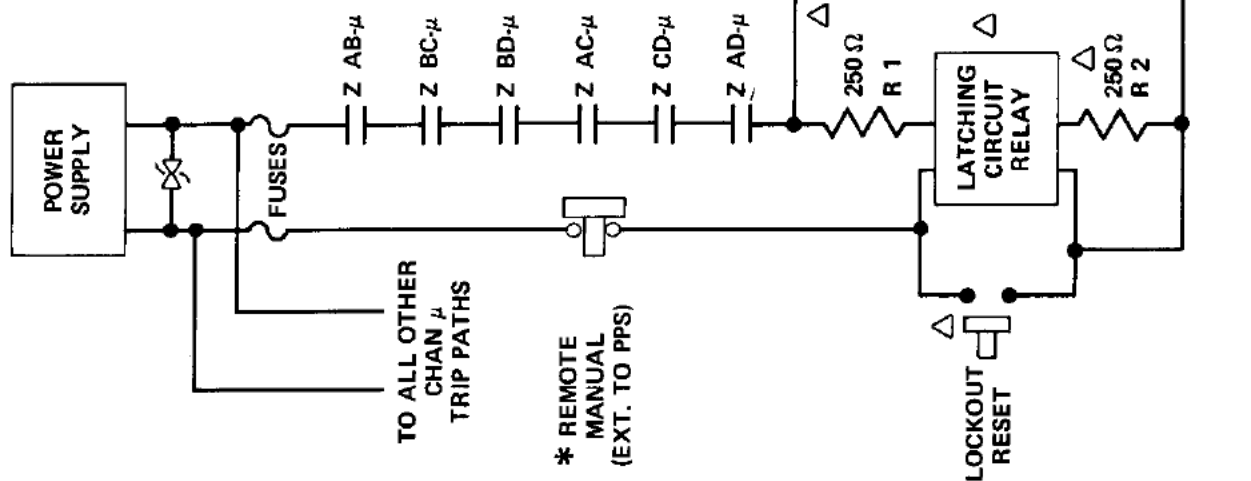
TABLE	
NO.	TRIP INPUT
7	LOW ST. GEN. WATER. LEVEL NO. 1
8	LOW ST. GEN. WATER. LEVEL NO. 2
11	LOW ST. GEN. PRESSURE NO. 1
12	LOW ST. GEN. PRESSURE NO. 2
19	SG NO. 1 PRESS/SG NO. 2 PRESS
20	SG NO. 2 PRESS/SG NO. 1 PRESS

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2	FUNCTION
1	CIAS
4	RAS
5	MSIS
7	EFAS-1
8	EFAS-2

CHANNEL
1 A
2 B
3 C
4 D



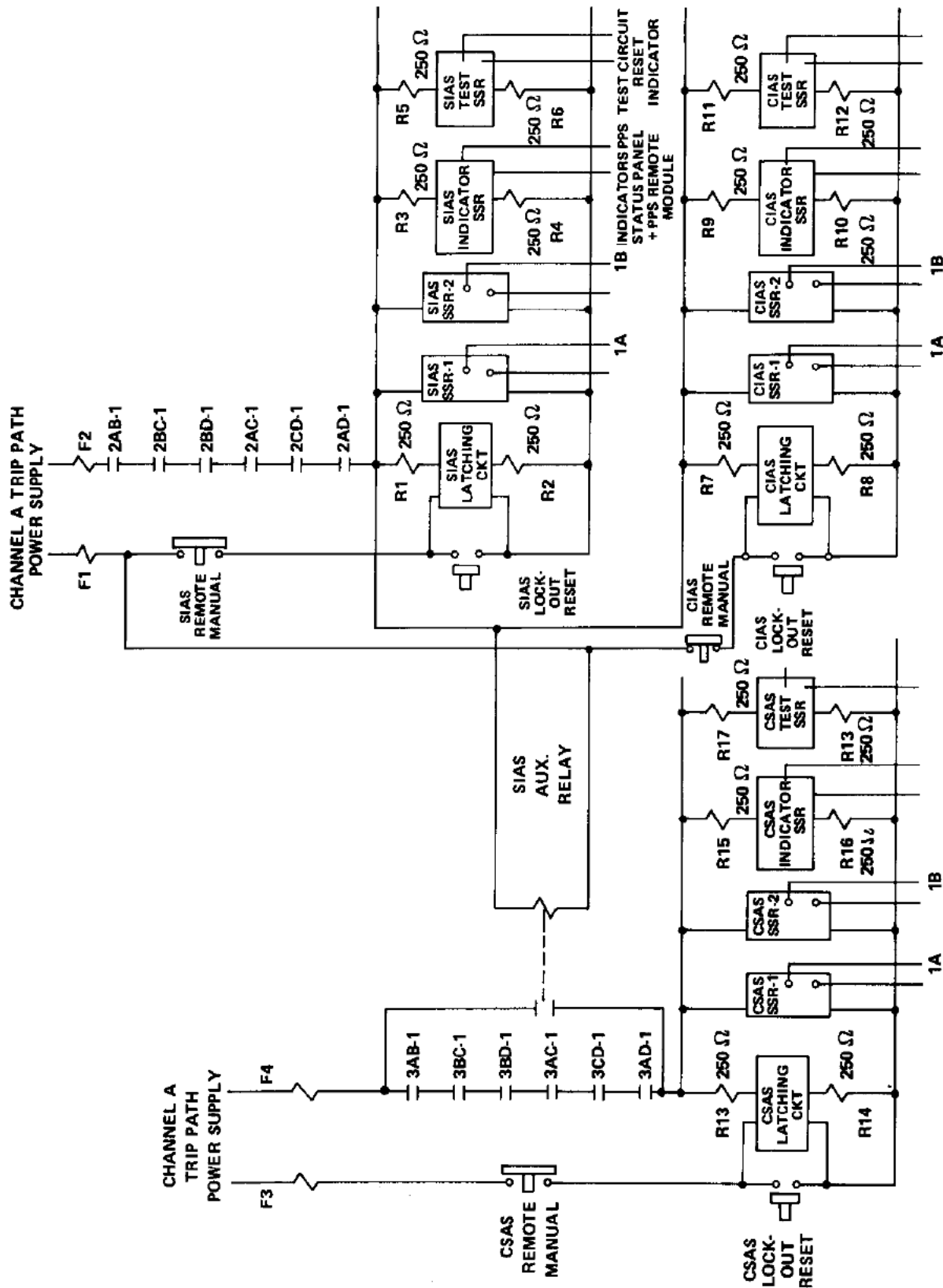
* REMOTE
MANUAL
(EXT. TO PPS)

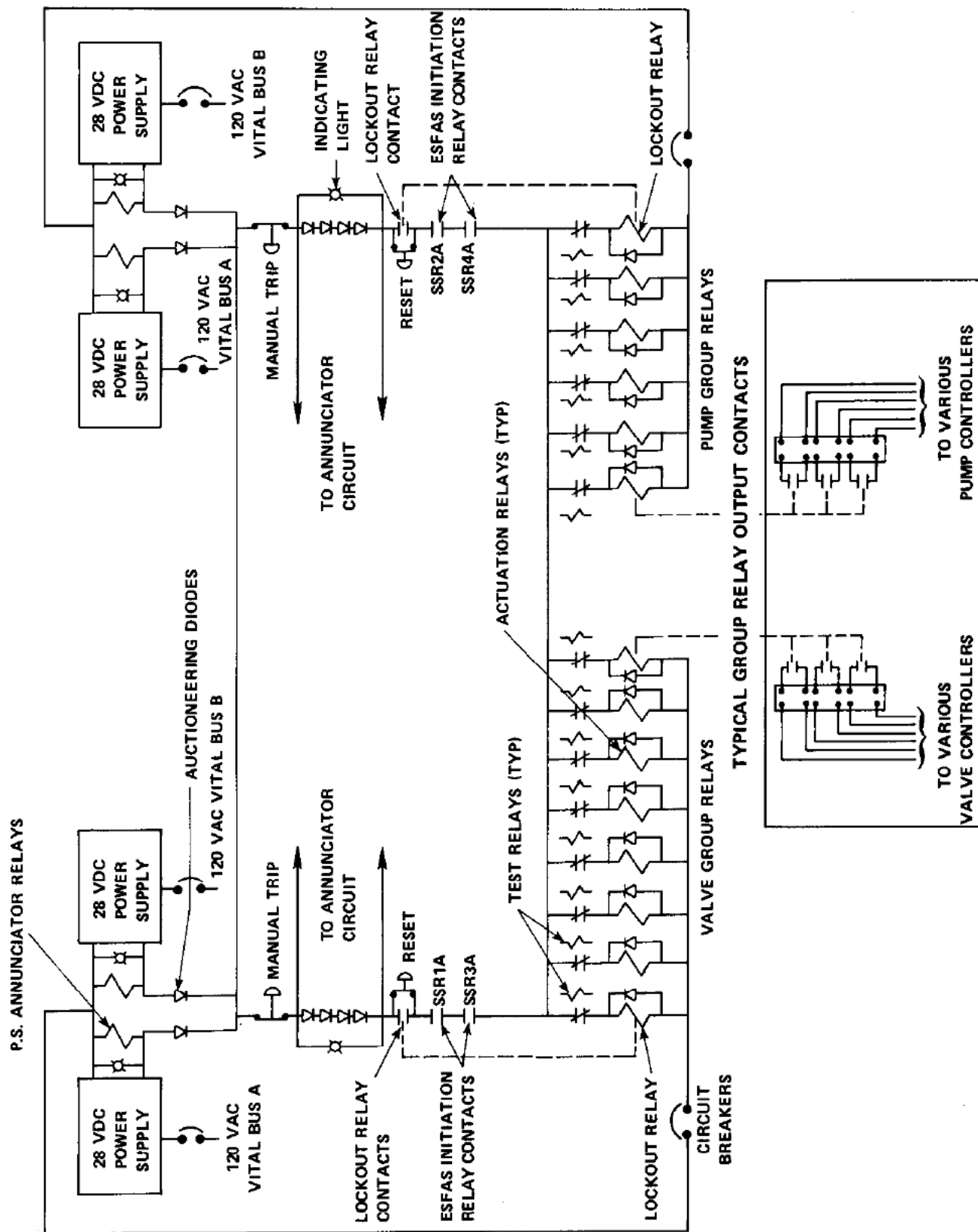
* REMOTE MANUAL NOT USED IN RAS TRIP PATH

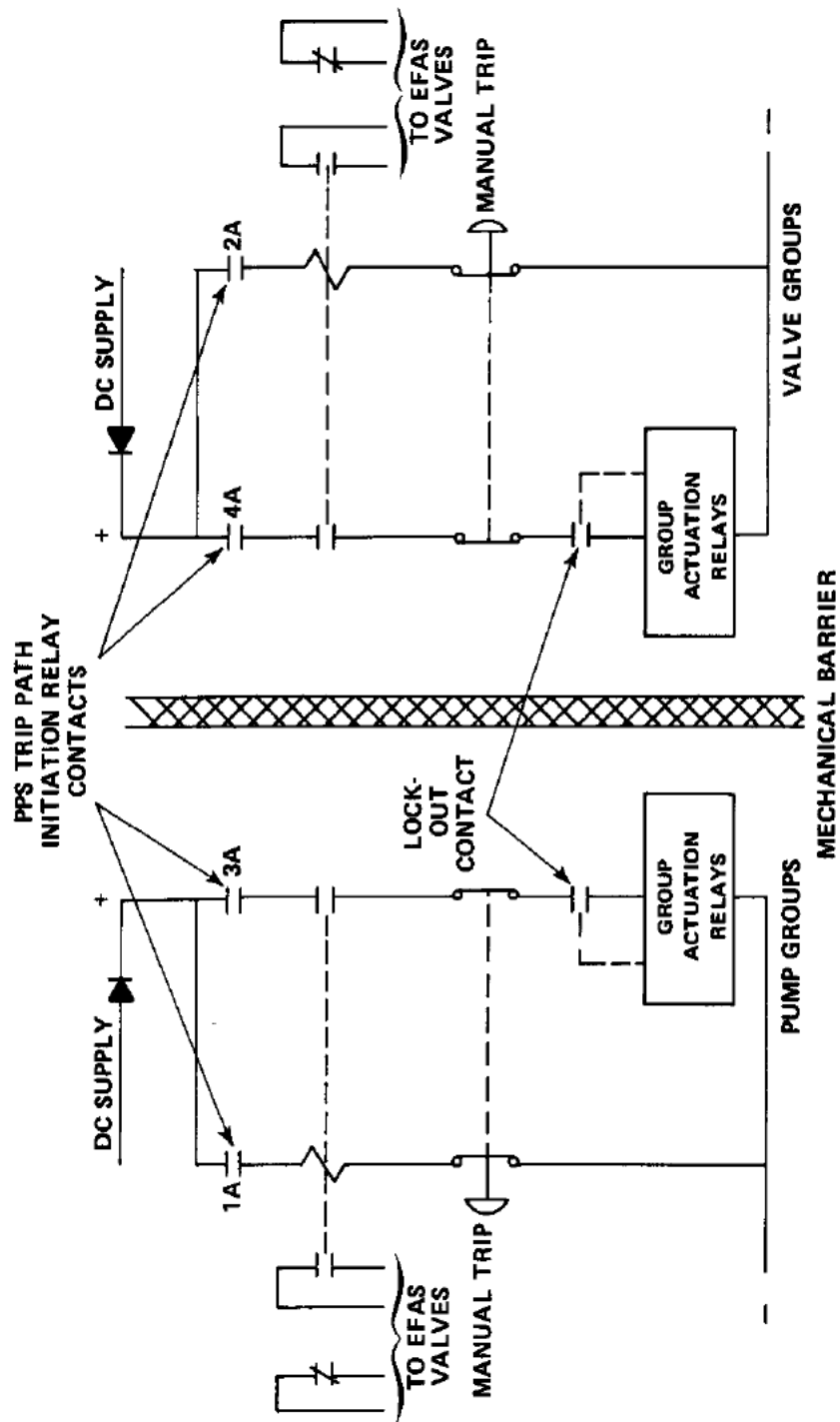
△ COMPONENT NOT USED FOR EFAS-1 AND EFAS-2

INDICATORS
PPS STATUS PANEL
AND PPR REMOTE MODULE

TEST CIRCUIT
RESET
ANNUN.







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