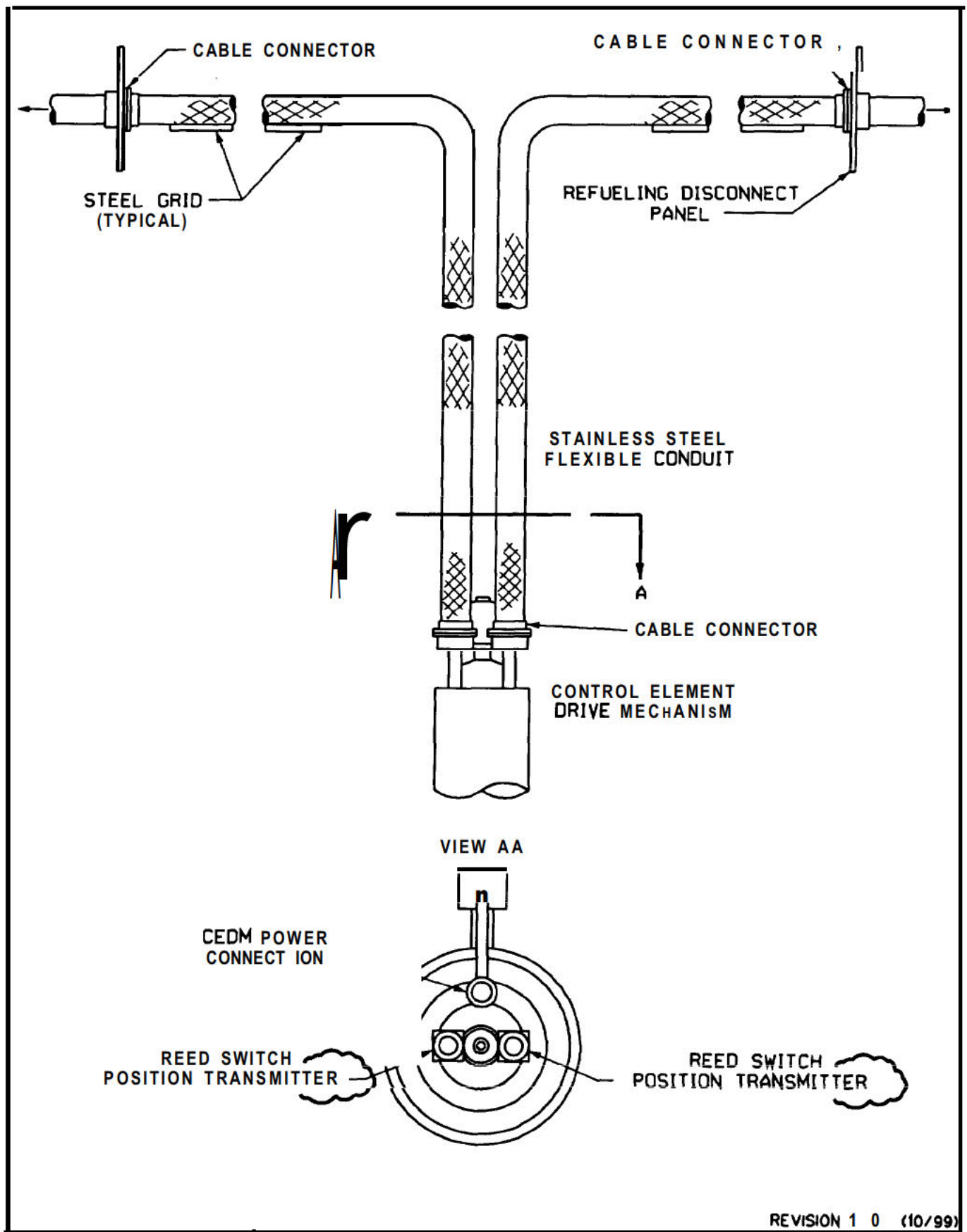


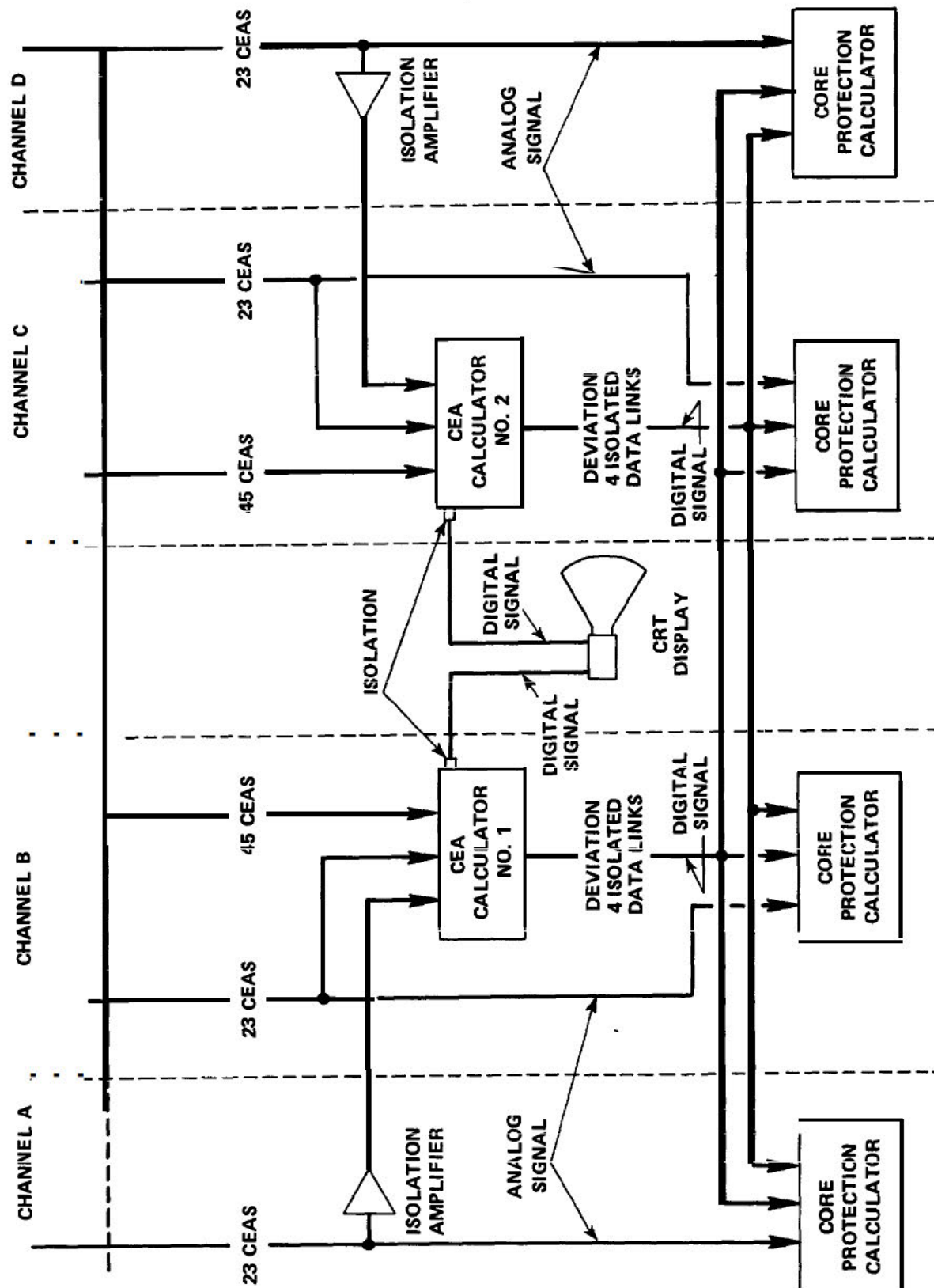
LOUISIANA  
POWER & LIGHT CO.  
Waterford Steam  
Electric Station

TYPICAL MEASUREMENT CHANNEL  
FUNCTIONAL DIAGRAM  
(PRESSURIZER PRESSURE)

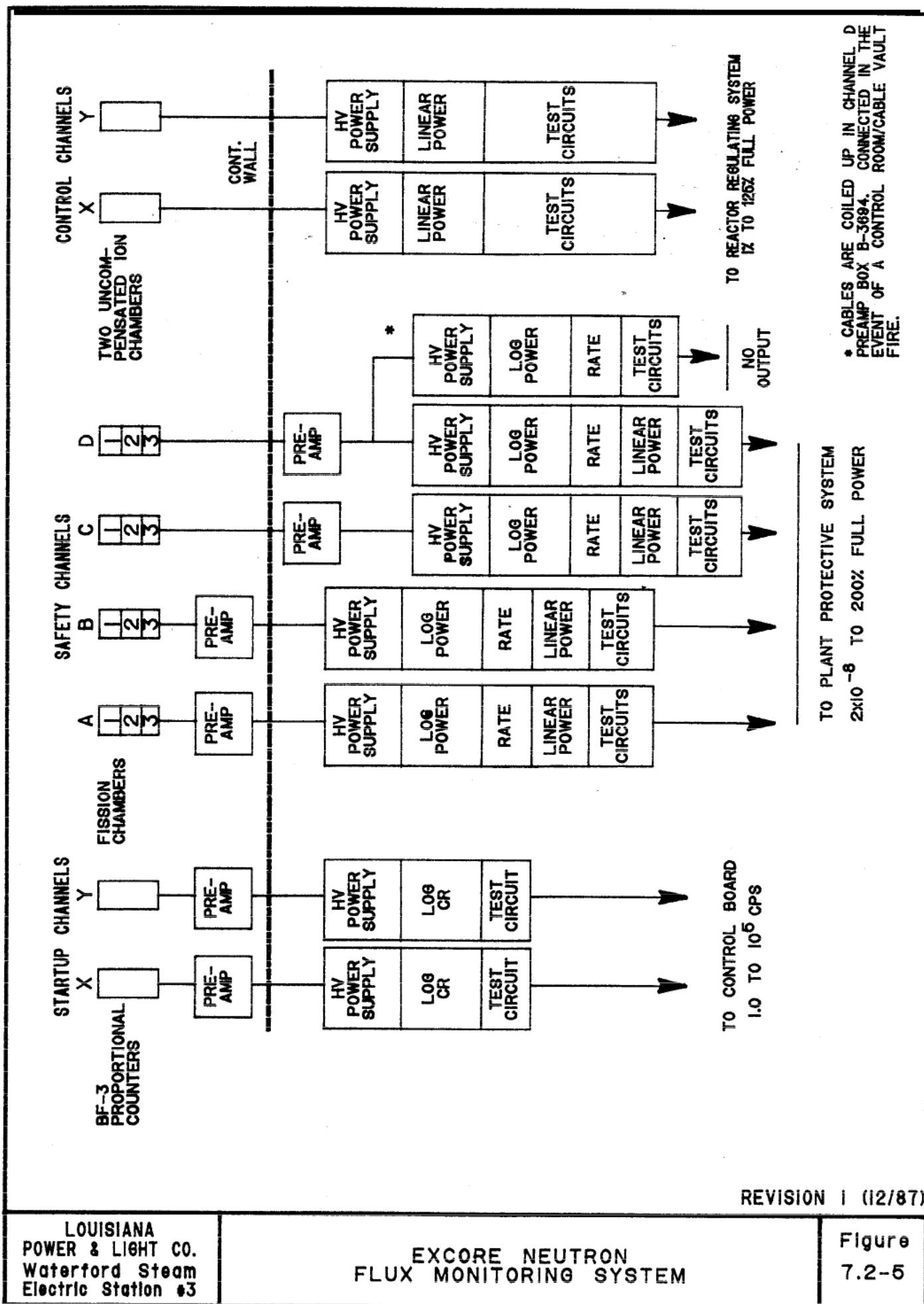
Figure

7.2-1

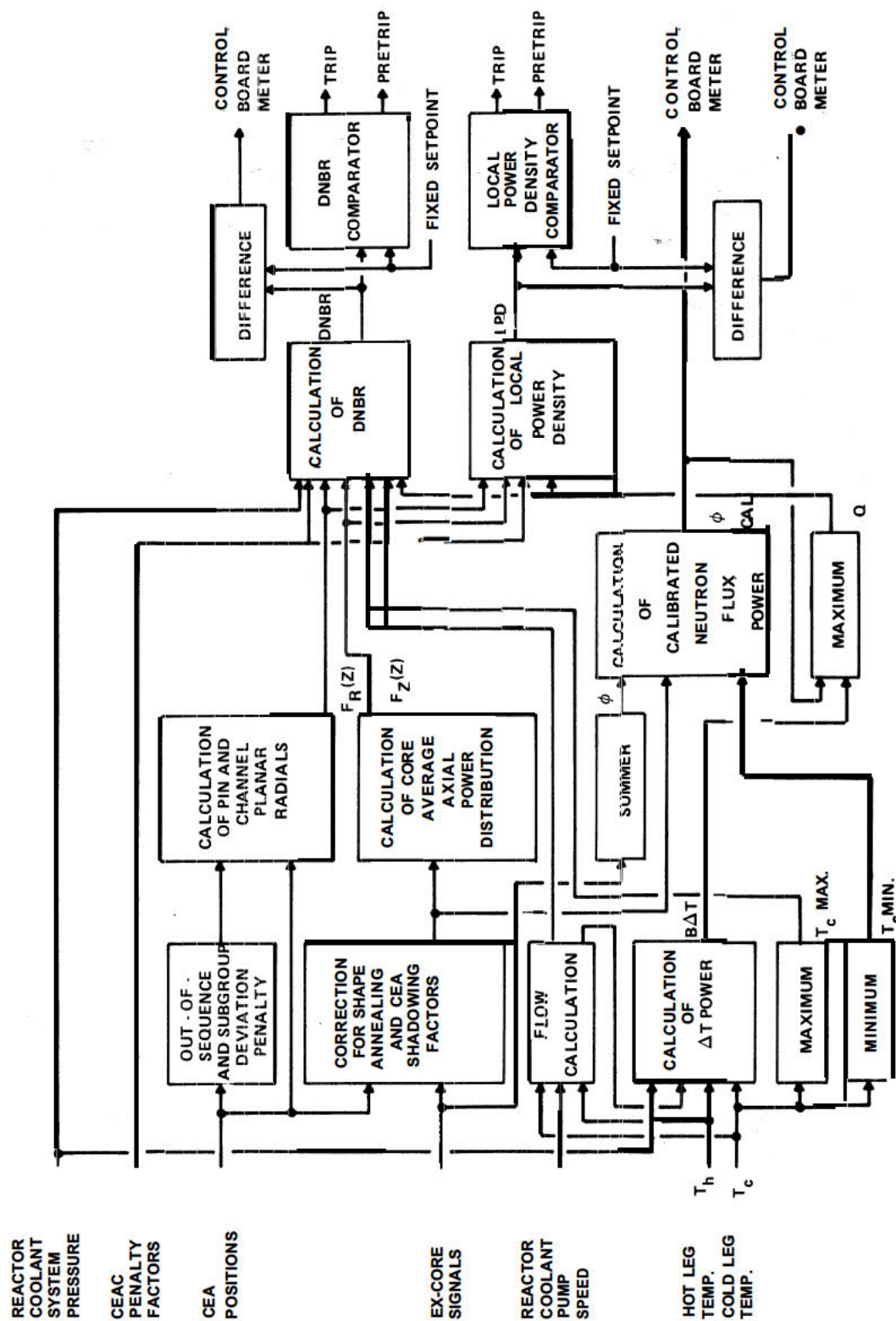












LOUISIANA  
POWER & LIGHT CO.  
Waterford Steam  
Electric Station

CORE PROTECTION CALCULATOR SYSTEM  
BLOCK DIAGRAM

Figure  
7.2-6

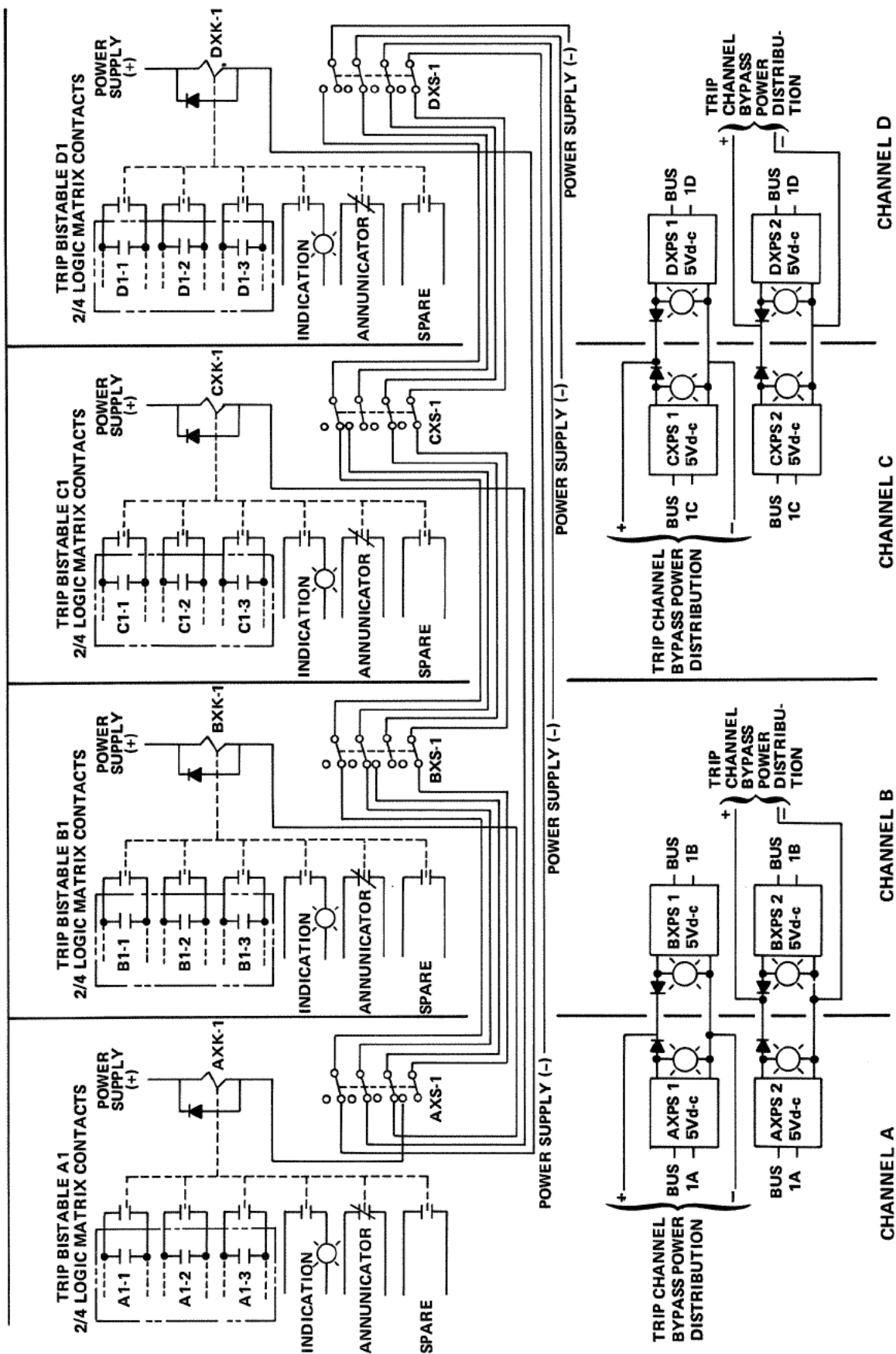
Security Related Information  
Figure Withheld Under 10 CFR 2.390

REVISION 7 (10/94)

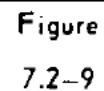
WATERFORD STEAM  
ELECTRIC STATION #3

PLANT PROTECTION SYSTEM  
SIMPLIFIED FUNCTIONAL DIAGRAM  
FIGURE 7.2-7

MANUALLY INITIATED/MANUALLY REMOVED  
BYPASS CIRCUIT  
FOR TRIP INPUT 1







Security Related Information  
Figure Withheld Under 10 CFR 2.390

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 5)

Security Related Information  
Figure Withheld Under 10 CFR 2.390

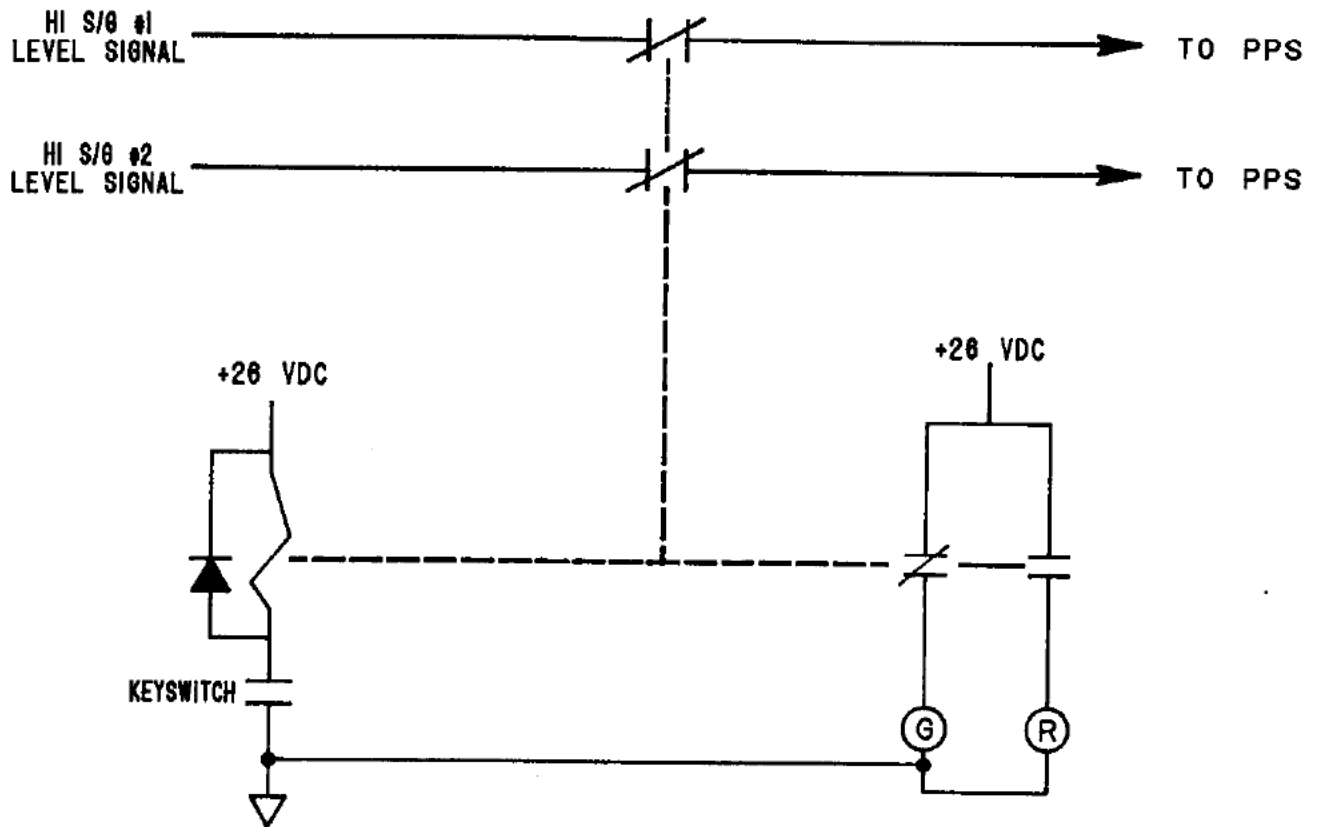
REF. DWG: EMDRAC 1584-7462

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  
POWER & LIGHT CO.  
Waterford Steam  
Electric Station #3

PPS BYPASS AND BLOCK SCHEMATIC

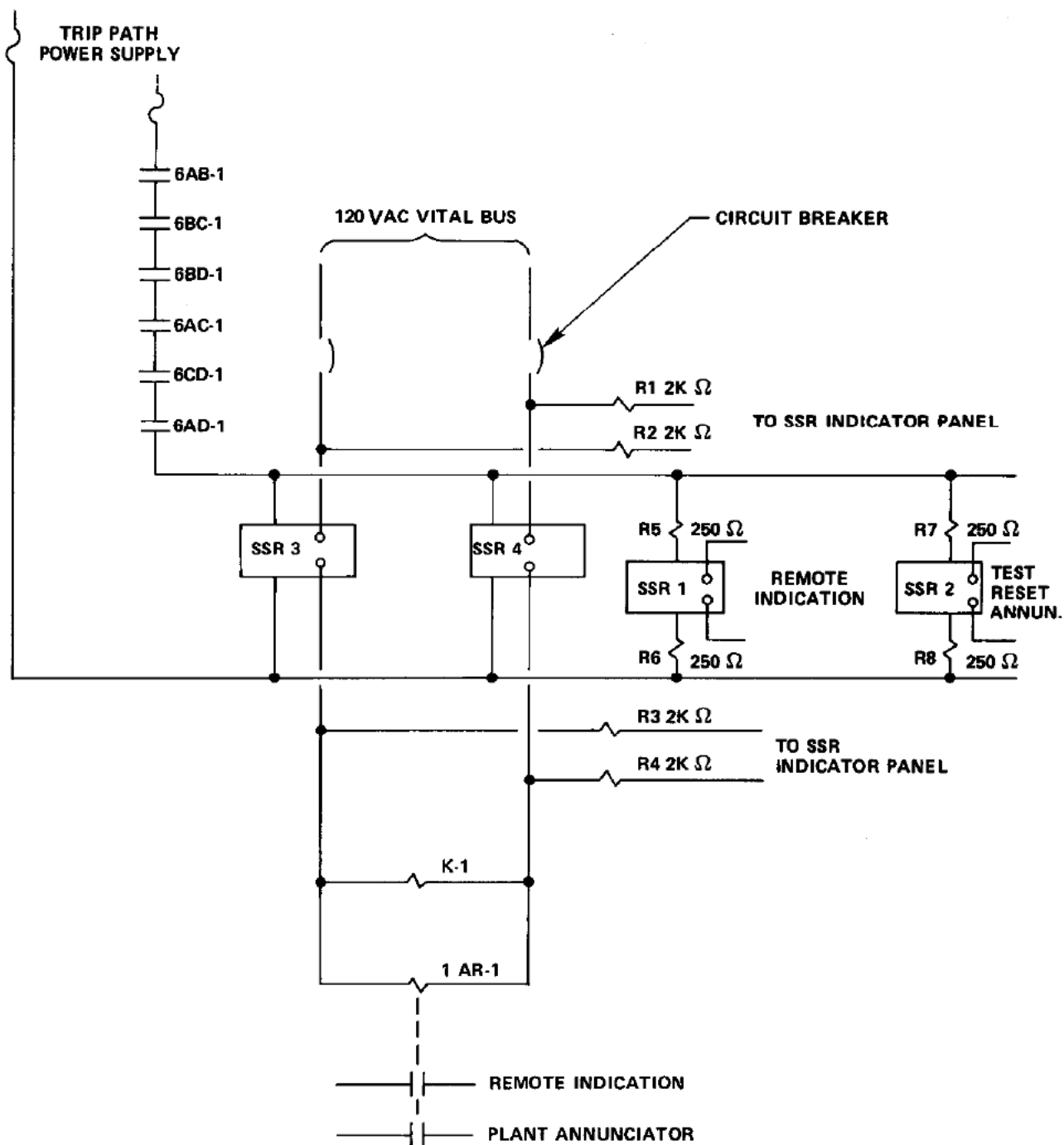
Figure  
7.2-11a

Security Related Information  
Figure Withheld Under 10 CFR 2.390

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. > 5.6 MPa
20	SG NO. 2 PRESS. > 5.6 MPa

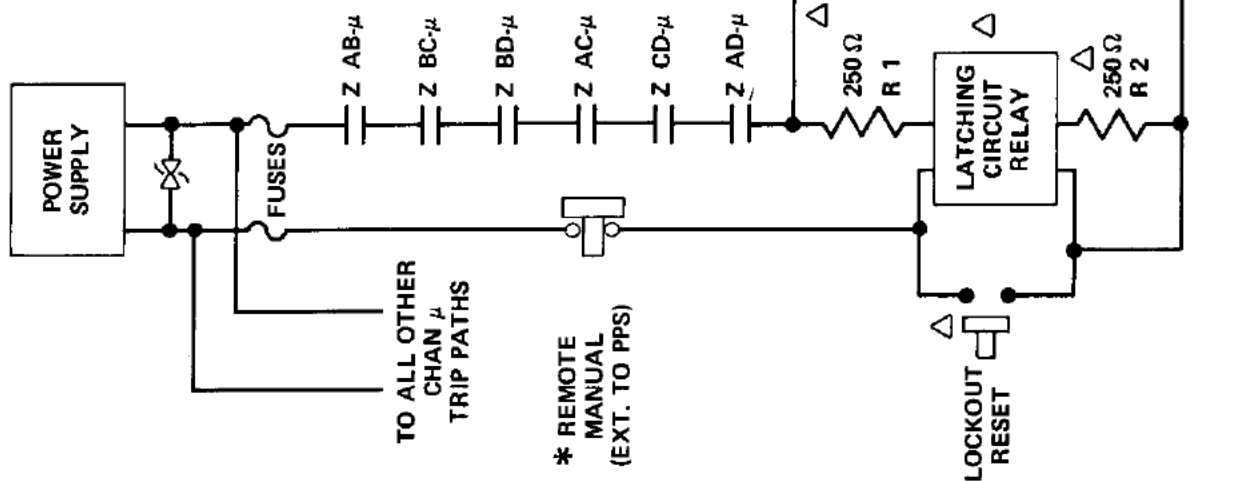
Security Related Information  
Figure Withheld Under 10 CFR 2.390





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

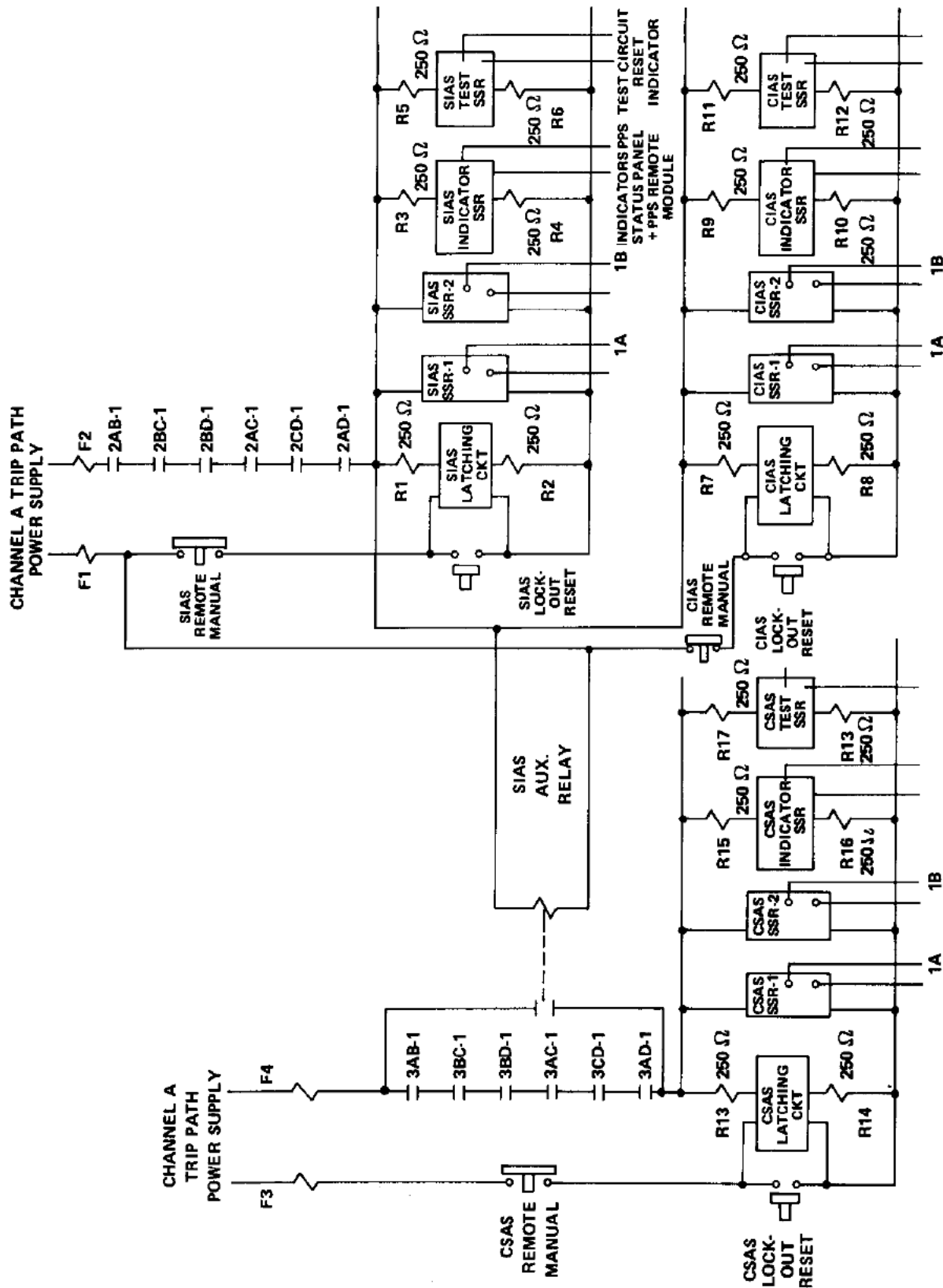
CHANNEL
1 A
2 B
3 C
4 D

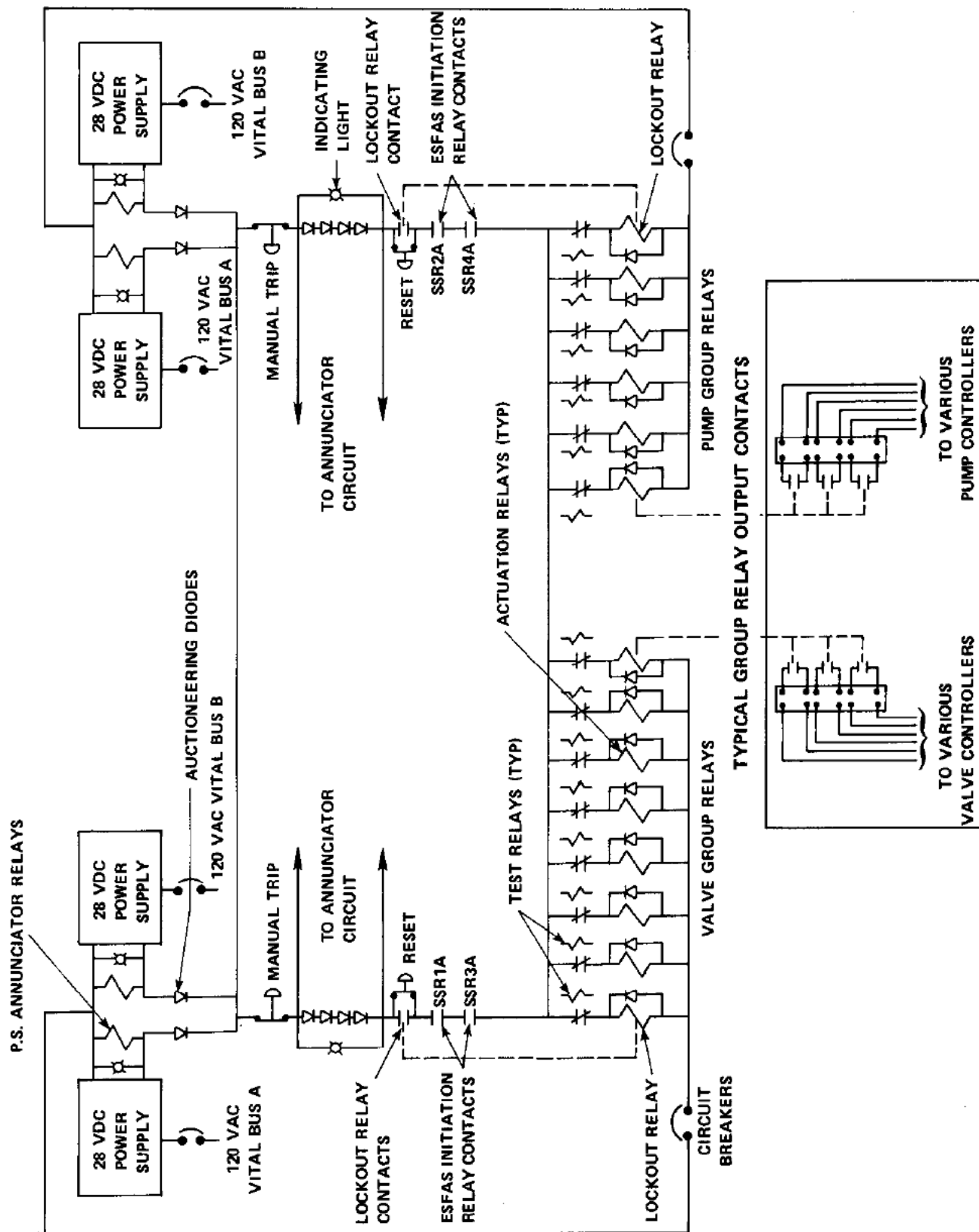


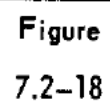
\* REMOTE  
MANUAL  
(EXT. TO PPS)

\* REMOTE MANUAL NOT USED IN RAS TRIP PATH

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







Security Related Information  
Figure Withheld Under 10 CFR 2.390



Security Related Information  
Figure Withheld Under 10 CFR 2.390