

Security-Related Information
Figure Withheld Under 10 CFR 2.390

REVISION 7/10/94

WATERFORD STEAM
ELECTRIC STATION #3

PLANT PROTECTION SYSTEM
FUNCTIONAL DIAGRAM
SHEET 1 OF 3

FIGURE 7.3-1

REF DWG.: 5817-8443 (REV 2)

Security-Related Information
Figure Withheld Under 10 CFR 2.390

LOUISIANA POWER & LIGHT CO.
Waterford Steam Electric Station

PLANT PROTECTION SYSTEM
FUNCTIONAL DIAGRAM
SHEET 2 OF 3
FIGURE 7.3-1

Security-Related Information
Figure Withheld Under 10 CFR 2.390

REVISION 7 (10/94)

WATERFORD STEAM
ELECTRIC STATION •3

PLANT PROTECTION SYSTEM
FUNCTIONAL DIAGRAM
SHEET 3 OF 3
FIGURE 7.3-1

REF DWG: 5817-8440 (REV4)

Security-Related Information
Figure Withheld Under 10 CFR 2.390

LOUISIANA POWER & LIGHT CO. Waterford Steam Electric Station	SAFETY INJECTION ACTUATION SYSTEM LOGIC DIAGRAM	Figure 7.3-2
---	--	-----------------

Security-Related Information
Figure Withheld Under 10 CFR 2.390

Security-Related Information
Figure Withheld Under 10 CFR 2.390

Security-Related Information
Figure Withheld Under 10 CFR 2.390

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

NSSS ESFAS AUXILIARY RELAY CABINET SCHEMATIC
DIAGRAM FOR A TYPICAL ACTUATION SIGNAL

Figure
7.3-5

Security-Related Information
Figure Withheld Under 10 CFR 2.390

Security-Related Information
Figure Withheld Under 10 CFR 2.390

—
MS

Security-Related Information
Figure Withheld Under 10 CFR 2.390

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

NSSS ESFAS AUXILIARY RELAY CABINET SCHEMATIC
DIAGRAM FOR MSIS INITIATION CIRCUIT

Figure
7.3-8

Security-Related Information
Figure Withheld Under 10 CFR 2.390

Security-Related Information
Figure Withheld Under 10 CFR 2.390

Security-Related Information
Figure Withheld Under 10 CFR 2.390

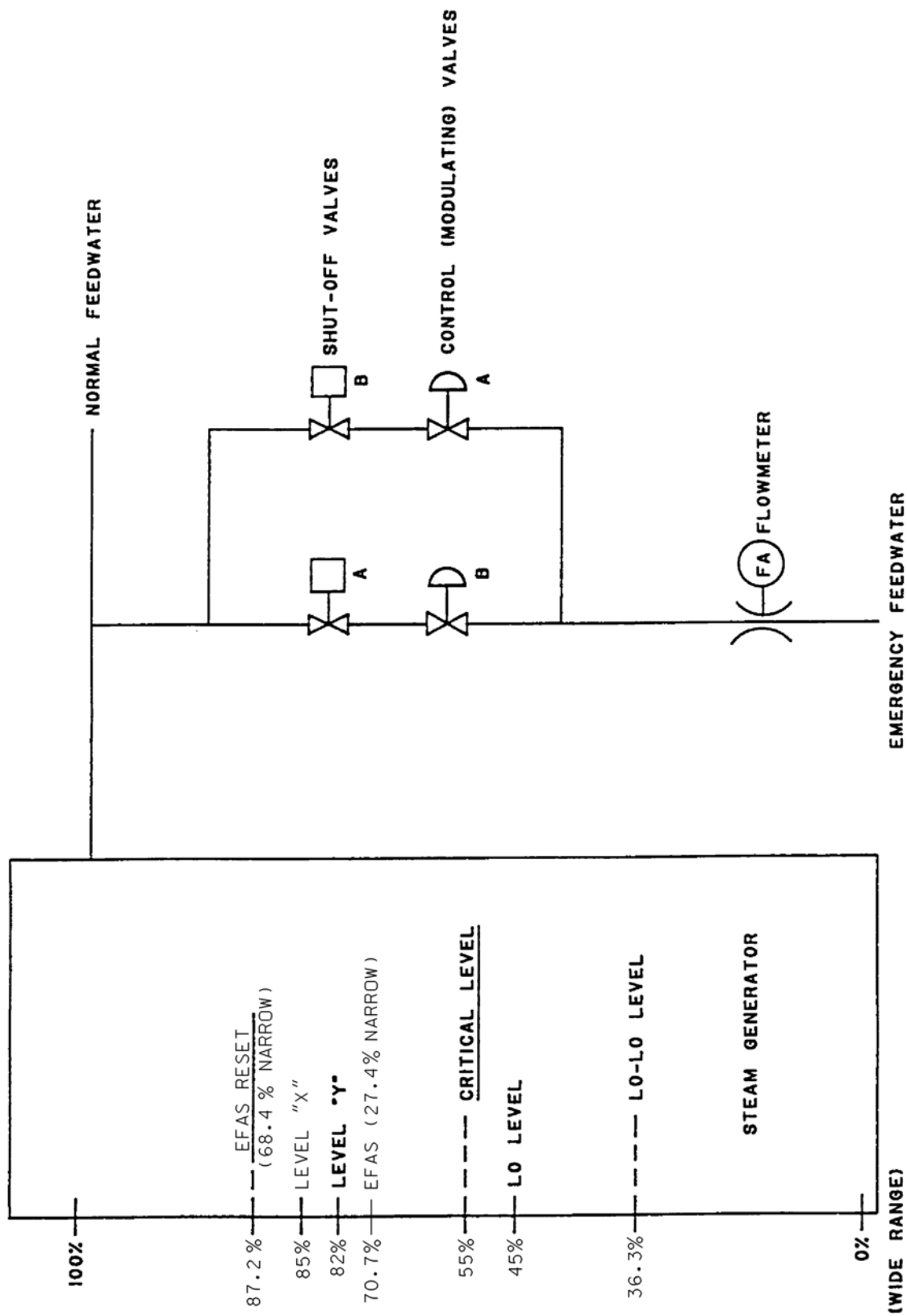
LOUISIANA
POWER & LIGHT CO.
Waterford Steam
Electric Station #3

NSSS ESFAS AUXILIARY RELAY CABINET SCHEMATIC
DIAGRAM FOR EFAS-1 (EFAS-2) INITIATION CIRCUIT

Figure
7.3-10

Security-Related Information
Figure Withheld Under 10 CFR 2.390

A

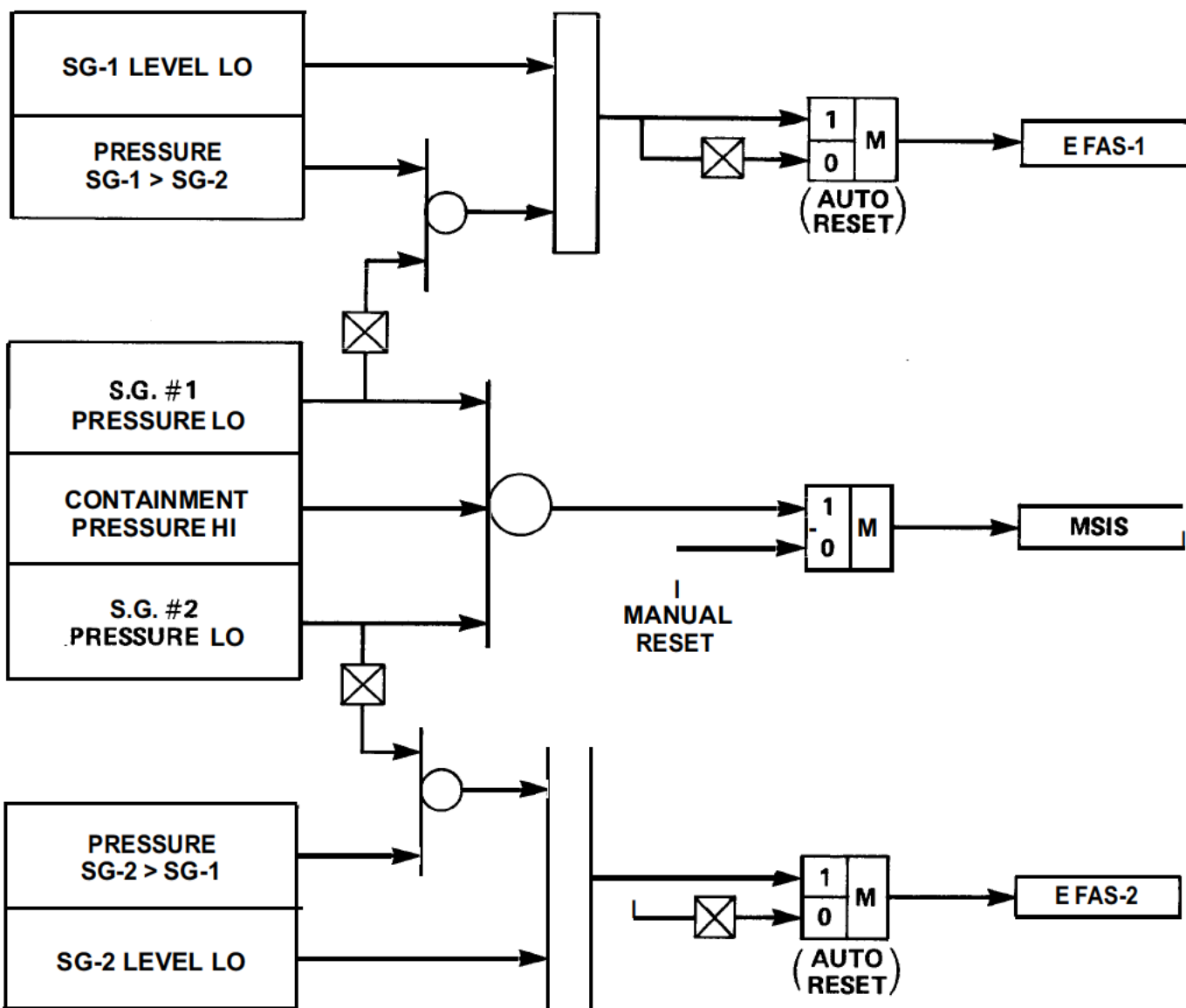


REVISION 307 (07/13)

Waterford Steam
Electric Station #3

EMERGENCY FEEDWATER PARAMETERS

Figure
7.3-12



LEGEND:

- NOT OUTPUT IS OPPOSITE TO INPUT
- OR OUTPUT IS "1" WHEN AT LEAST ONE INPUT IS "1", OTHERWISE OUTPUT IS "0".
- AND OUTPUT IS "1" WHEN ALL INPUTS ARE "1", OTHERWISE OUTPUT IS "0".
- MEMORY: OUTPUT IS THE SAME AS THE LAST INPUT WITH INPUT "1" OVERRIDING INPUT "0".

NOTE: ONLY ONE CHANNEL SHOWN, ALL FOUR CHANNELS (A,B,C,D) IDENTICAL. SEE FIGURES 7.2-10, 7.3-7 AND 7.3-9 FOR FURTHER DETAILS.