



**LOUISIANA**  
**POWER & LIGHT**

142 DELARONDE STREET  
P O BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

June 23, 1982

TO: S. Black  
FROM: R. Prados  
SUBJECT: Waterford 3 SES  
Transmittal of CWDs

50-382

As per your June 17, 1982 telephone conversation with J. Hart, enclosed please find the following Control Wiring Diagrams:

1. Emergency Feedwater, LOU-1564/

B-424 sh. 1525/R1	1535/R2	1540/R9	1549/R4
sh. 1531/R6	1536/R1	1541/R7	1550/R8
sh. 1532/R9	1537/R3	1544/R6	1551/R1
sh. 1533/R6	1538/R6	1546/R4	1552/R1
sh. 1534/R6	1539/R2	1547/R3	
		1548/R4	

The indicated revision of the drawings reflect the current control scheme modifications as described in FSAR Subsection 7.3.1.1.6.

2. Reactor Coolant Pump Sheared Shaft Trip, LOU-1564/B-424  
sh. 2951/R1, 2952/R1.

These drawings complement the description provided in FSAR Subsection 7.2.1.1.1.12, Amendment 25.

Item 1 above is SER confirmatory Issue and Item 2 is Outstanding Issue. The enclosed drawings provide information requested in SER for the purpose of closing these issues.

3. Containment Isolation Actuation Signal - SER Confirmatory Issue.

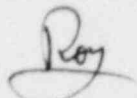
The functional diversity of CIAS was shown in Plant Protection System Interface Logic Diagram, FSAR Fig. 7.2-10/Amendment 25.

Subsequently, the Figs. 7.2-13 and 7.3-1 sheet 1, 2 & 3 showing PPS2/4 Logic Matrix Schematic and Functional Diagram respectively, were revised accordingly in Amendment 27. The supplier is working on detailed instrumentation schematic which will not be part of FSAR.

8207060205 820623  
PDR ADOCK 05000382  
A PDR

13001  
Drawings To  
S. Black

I believe this information is sufficient to close these items out.

A handwritten signature in dark ink, appearing to read 'R. W. Prados', with a stylized, cursive script.

R. W. Prados  
NPSG Licensing

RWP/RMF/pco

Attachment

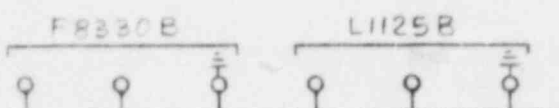
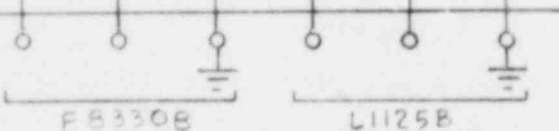
RTGB-CP8  
(X-873,867)

F1-FW8330B2S

LI-FW-1125B2S



B W S A-SB  
B W S B-SB



B W S E-XB  
B W S F-XB

(FT-FW8330BS)

(LT-FW1125BS)

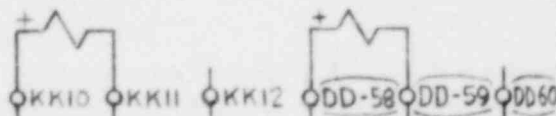
MUX CAB

LCP-43

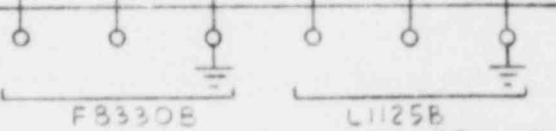
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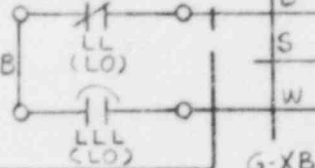


B W S C-SB  
B W S D-SB



LCP-62(PAC)  
SH.1552

LI125B



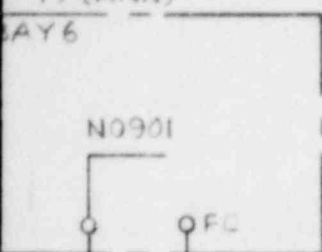
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RELEASED

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7					3				
6					2				
5					1	3-26-82	12	WFI	AS
REV	DATE	BY	APPROVED		REV	DATE	BY	APPR	

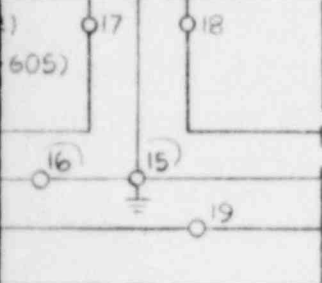
INCHES 0 1 2

P-19 (ANN)

AY6



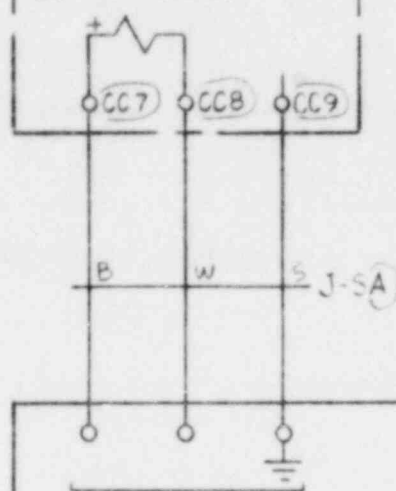
PNL-4



RTGB-CP8

(X-1874)

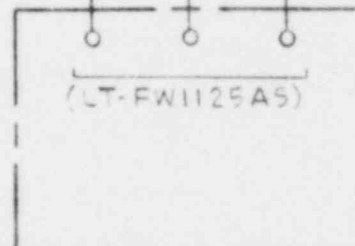
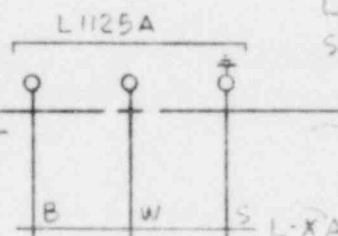
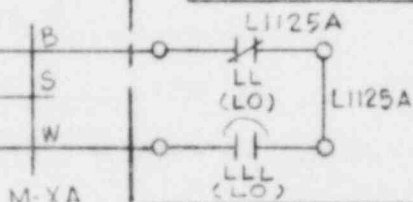
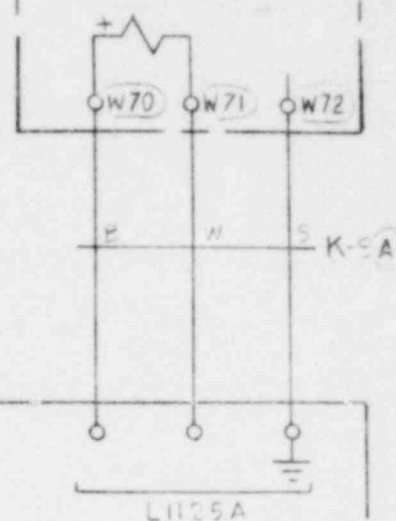
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LCP-43

(1-9578)

LI-FW-1125A1S



MUX CAB

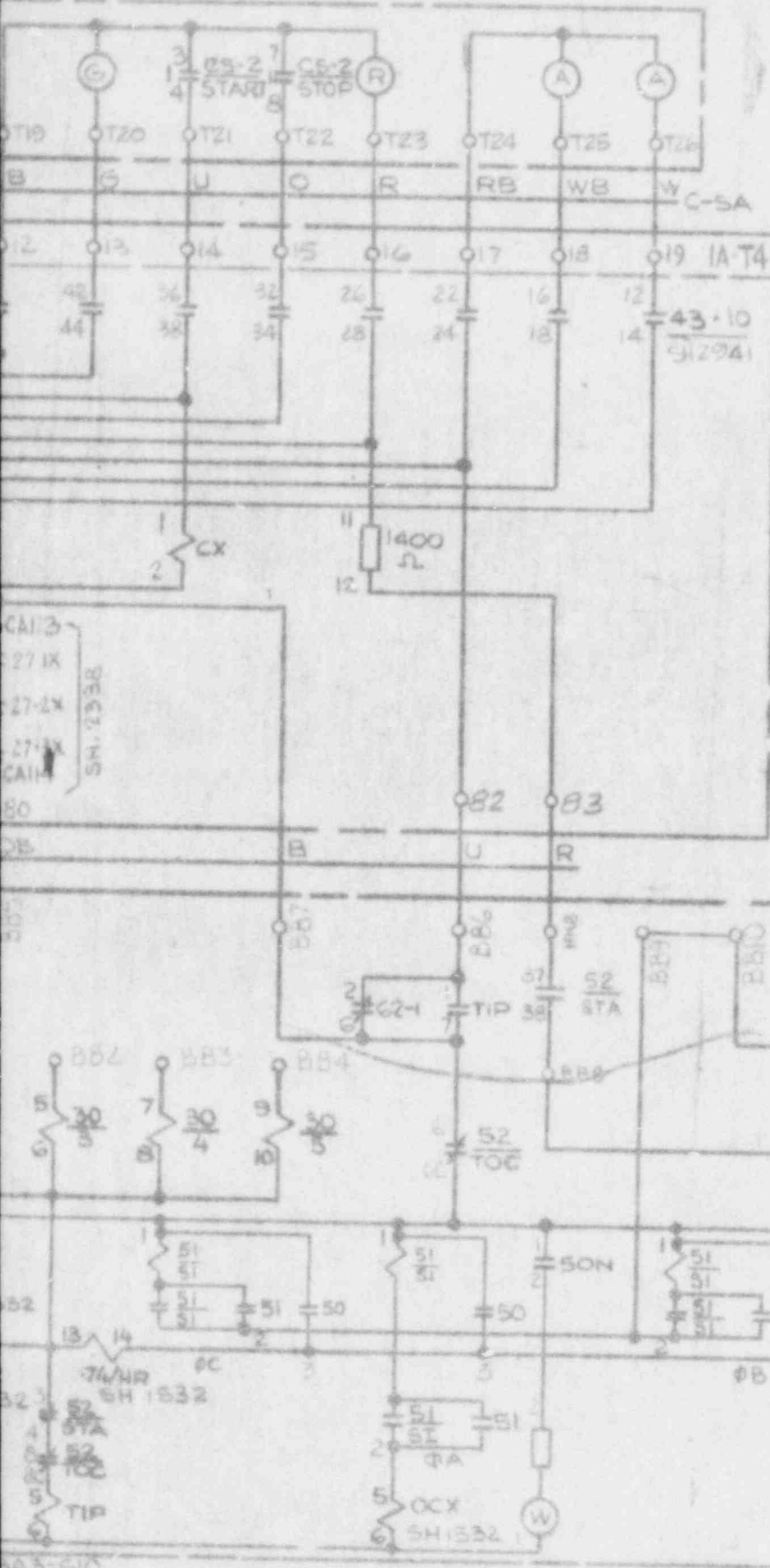
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EBASCO SERVICES INCORPORATED			LOUISIANA POWER & LIGHT CO. WATERFORD S.E.S. UNIT No.3 CONTROL WIRING DIAGRAM		LOU-1564 B-424 SHEET 15255
DIV I & C DR EF		APPROVED			
CH 8-111		P. Friedrichs			
DATE OCT 30, 1981		WFI <i>al</i>   <i>PF</i>			





P-43 (10/77)



CS-1, CS-2

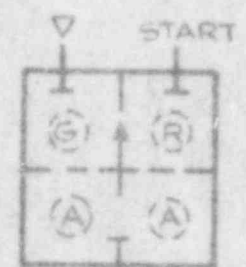
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		9	12	3	
		▽	NORM	START	
1	1-2	X	X		
	3-4			X	*
	5-6		X	X	*
	7-8	X			*
2	3-4			X	
	1-2		X	X	1532

FOR CS-1 ONLY

TYPE CMC \* THIS SHEET

FOR CS-1 [SPRING RETURN FROM START TO NORMAL, MAINTAINED IN OFF

FOR CS-2 [SPRING RETURN TO NORM



EMERG FEED WTR PUMP A

▽ - OFF FOR CS-1  
- STOP FOR CS-2

52/STA	CWD
1-2	a
3-4	b
5-6	c
7-8	d
9-10	e
11-12	f
13-14	g
15-16	h
17-18	i
19-20	j
21-22	k
23-24	l
25-26	m
27-28	n
29-30	o
31-32	p
33-34	q
35-36	r
37-38	s
39-40	t

\* THIS SHEET

EBASCO SERVICES INCORPORATED  
NEW YORK

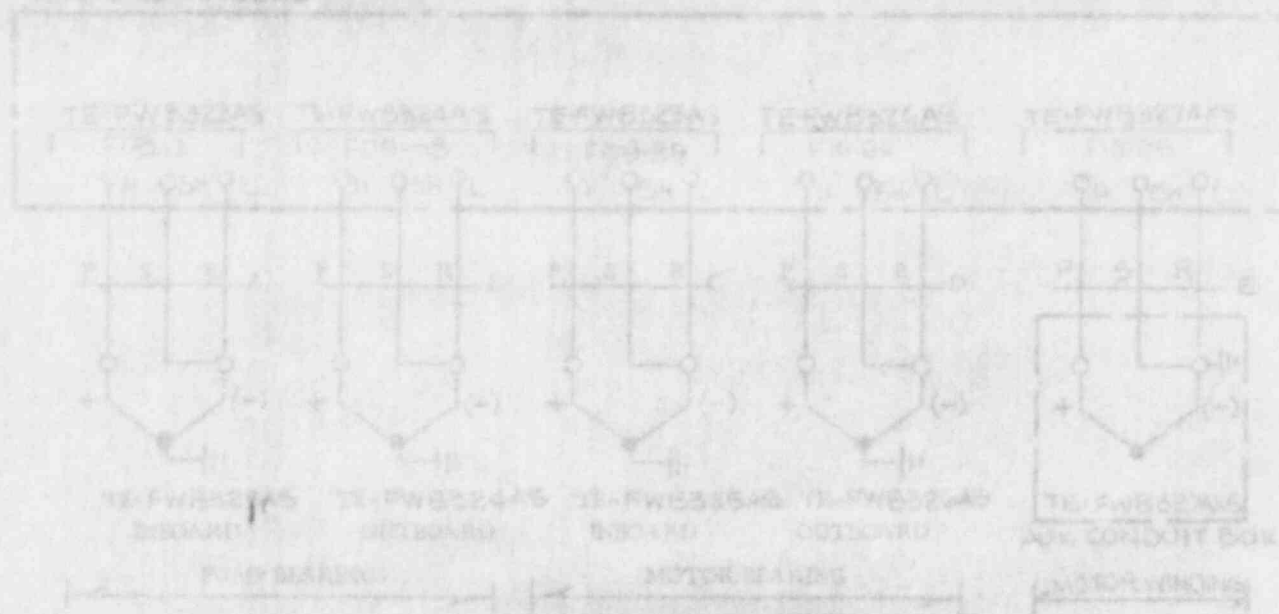
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DATE: DEC 31, 1977

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DATE: [Signature]

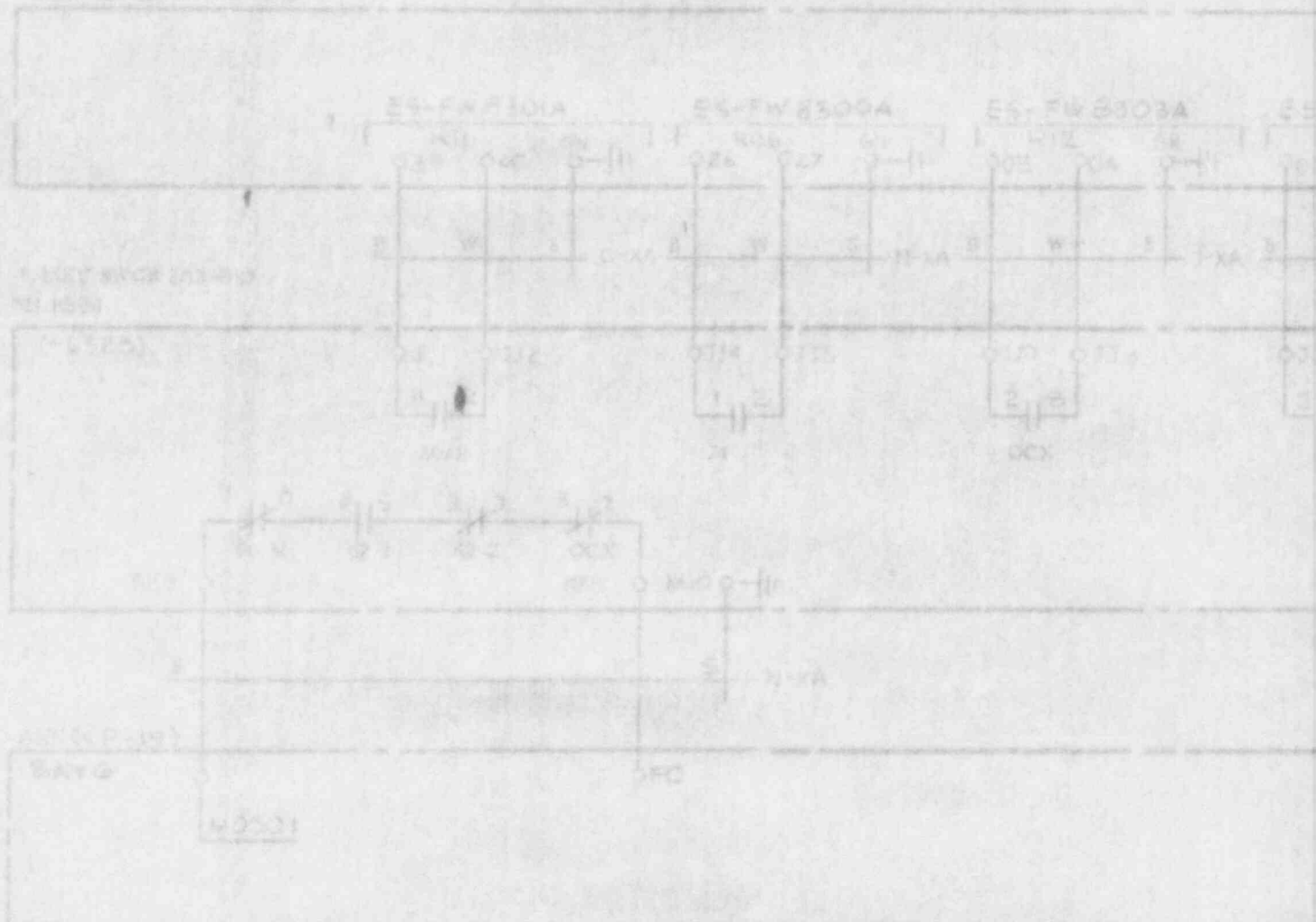
LOUISIANA POWER & LIGHT CO.  
WATERFORD S.E.S. UNIT No.3  
CONTROL WIRING DIAGRAM  
EMERGENCY FEEDWATER PUMP A

LOU-1564  
B-424  
SHEET 15313

WTCAB-PA2802

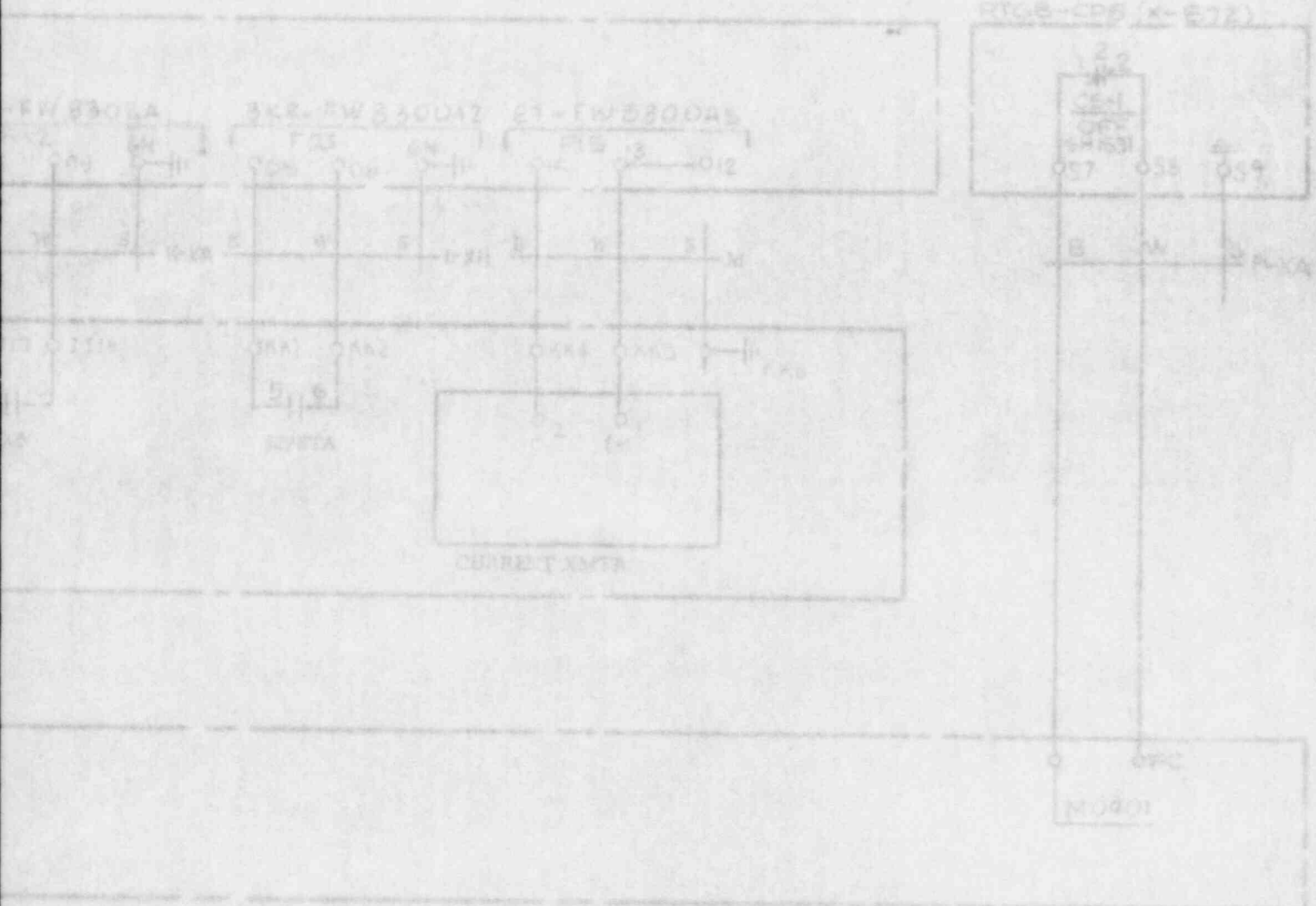
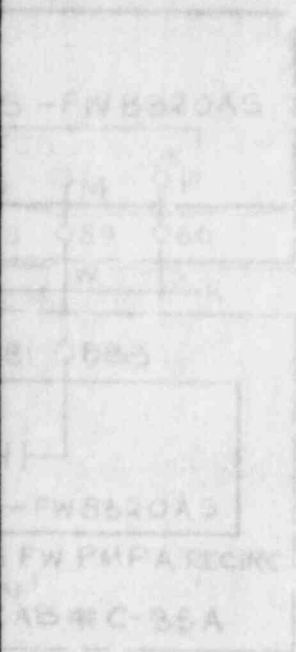


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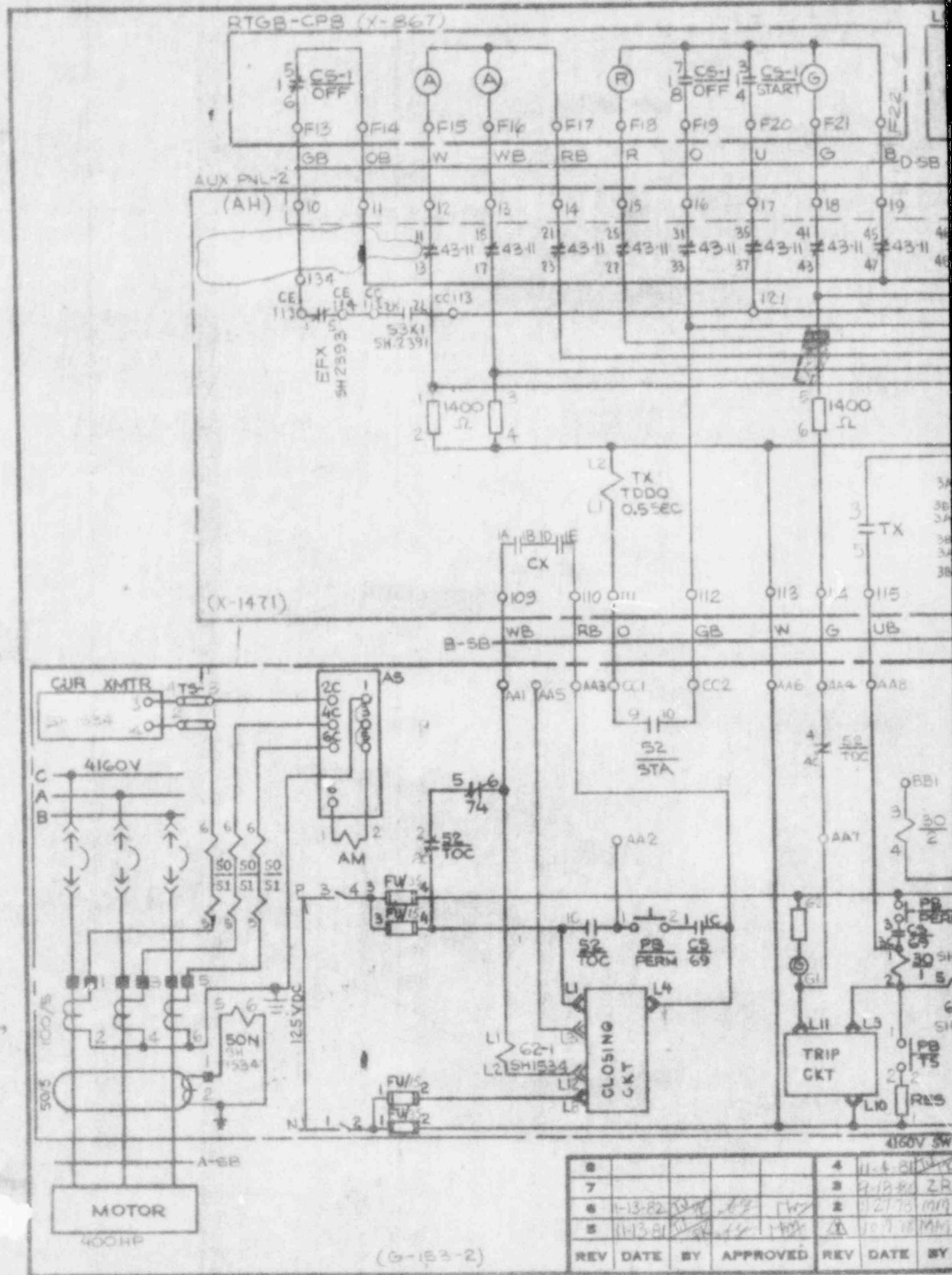


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INCHES

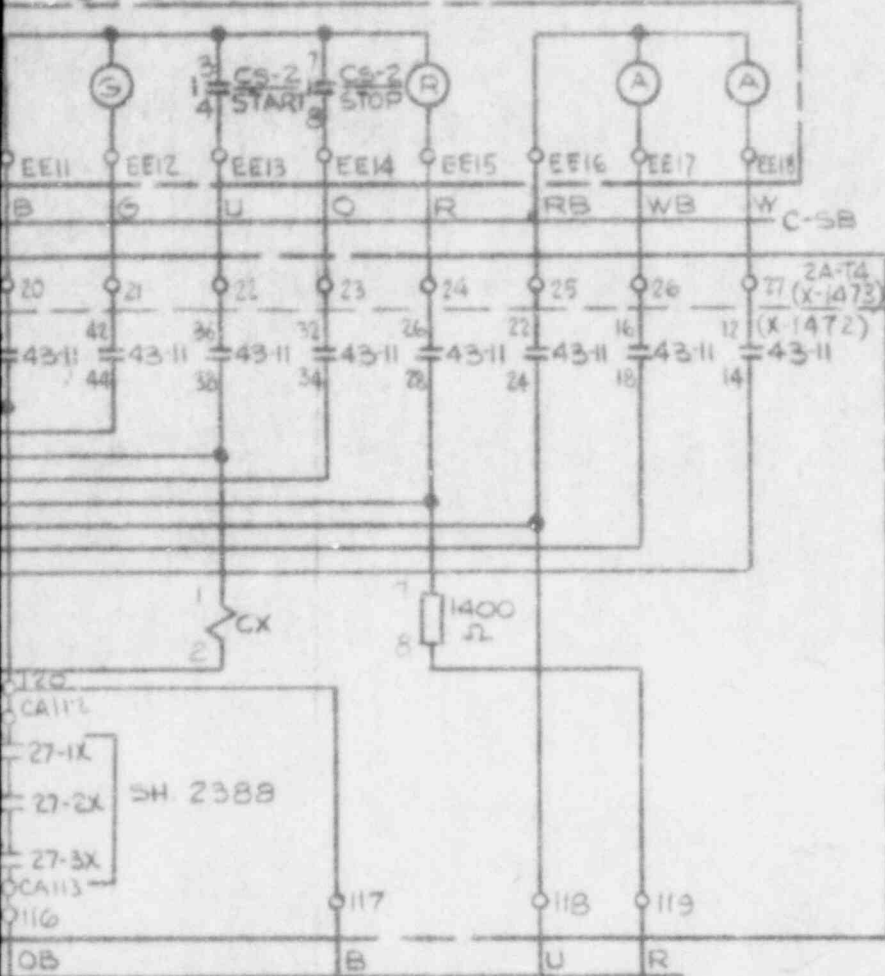


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P-43 (-3581)



CS-1, CS-2

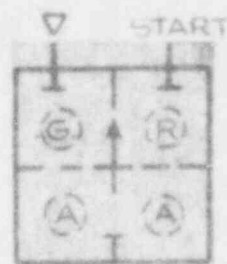
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3-4			X	
1-2		X	X	1534

FOR CS-1 ONLY

TYPE CMC \* THIS SHEET

FOR CS-1 [SPRING RETURN FROM START TO NORMAL MAINTAINED IN OFF

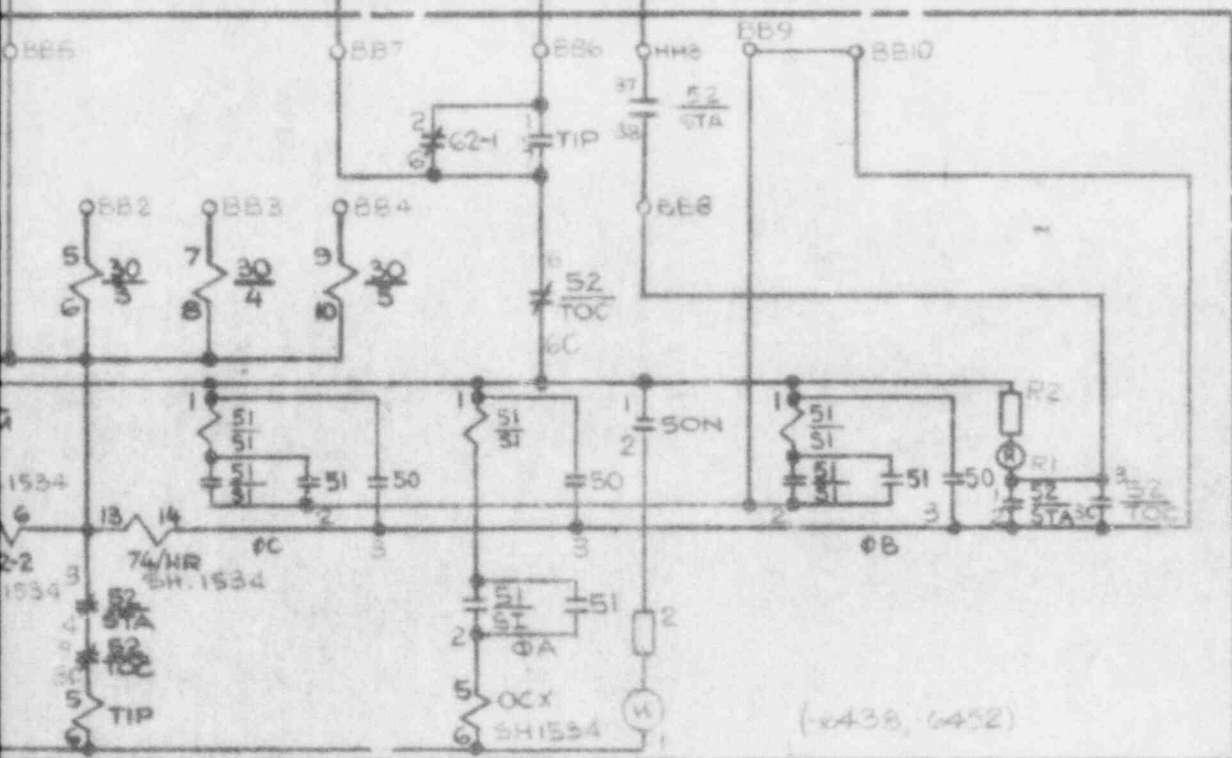
FOR CS-2 [SPRING RETURN TO NORM



EMERG FEEDWTR PUMP B

▽ - OFF FOR CS-1  
- STOP FOR CS-2

52/STA	CWD
1-2	a
3-4	b
5-6	a
7-8	b
9-10	a
11-12	b
13-14	a
15-16	b
17-18	a
19-20	b
21-22	a
23-24	b
25-26	a
27-28	b
29-30	a
31-32	b
33-34	a
35-36	b
37-38	a
39-40	b



(-6438, 6452)

\* THIS SHEET

EBASCO SERVICES INCORPORATED  
NEW YORK

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SCALE **NONE** CH **MAZ**  
APPROVED  
DATE **DEC 21 1971**

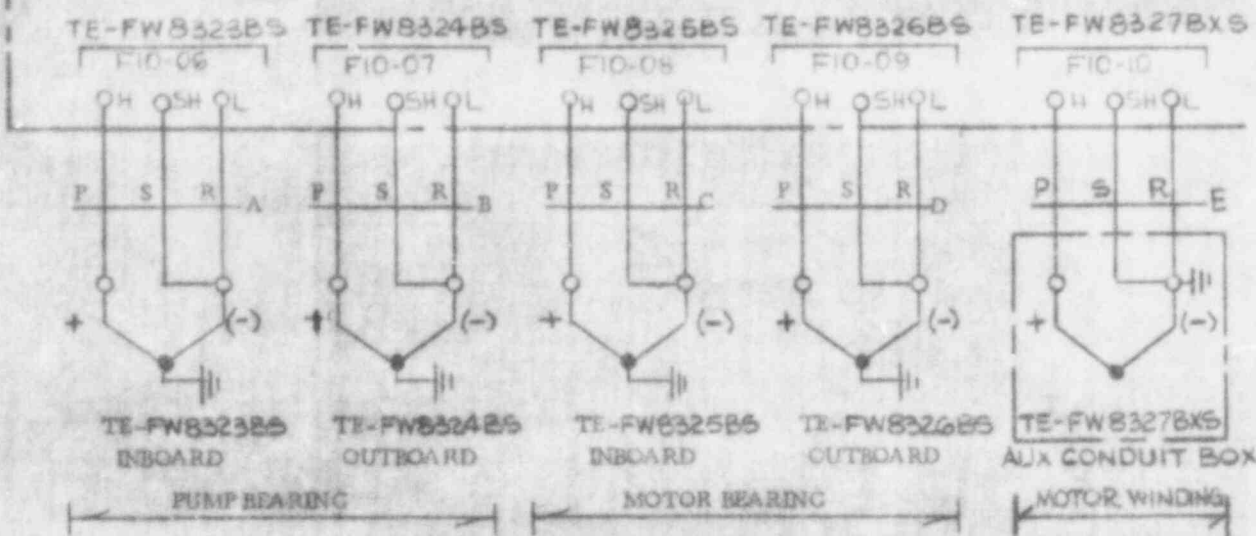
LOUISIANA POWER & LIGHT CO.  
WATERFORD S.E.S. UNIT No.3  
CONTROL WIRING DIAGRAM

EMERGENCY FEEDWATER PUMP B

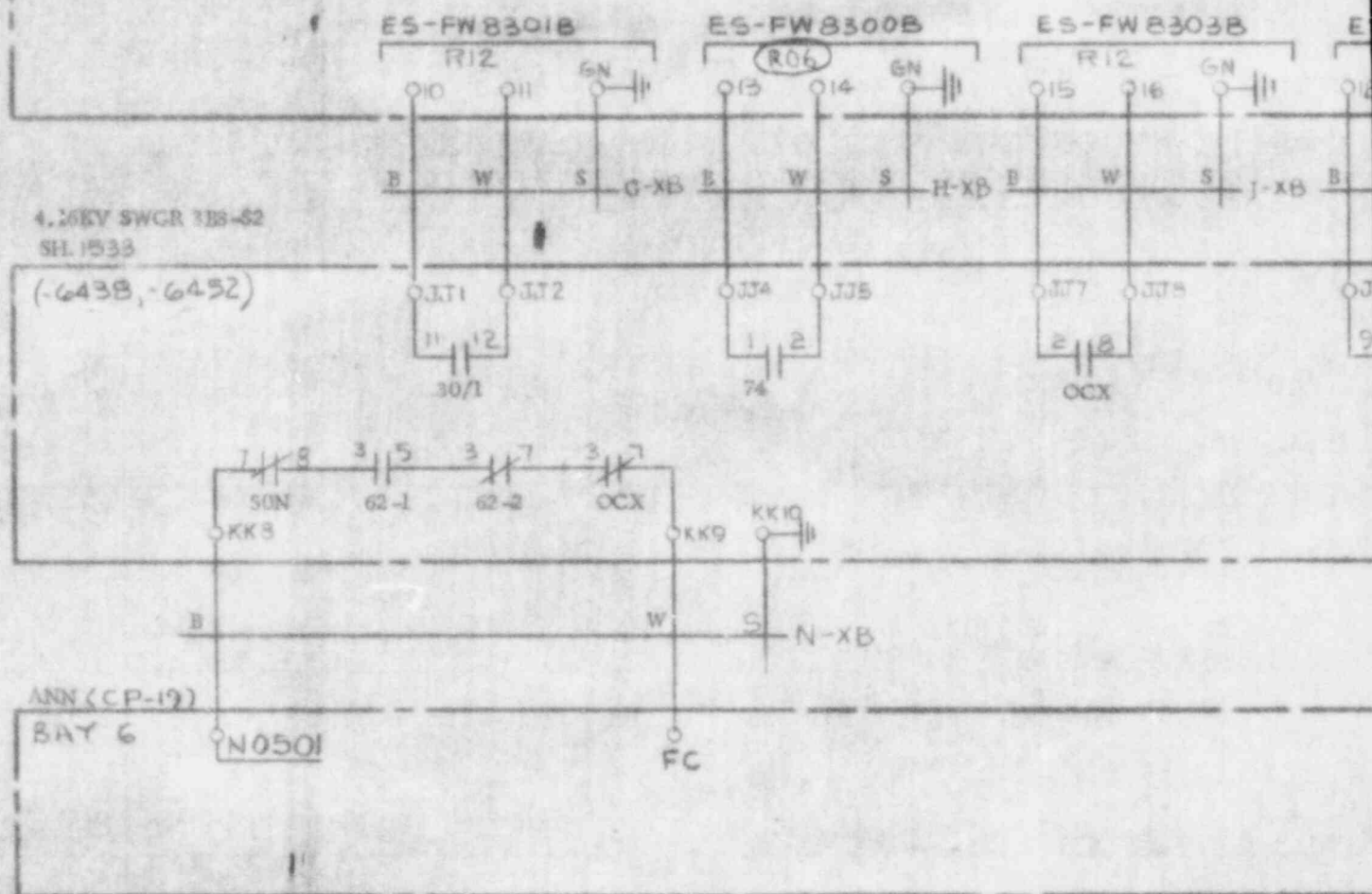
LOU-1564  
B-424

SHEET 1534

# MUX CAB RA3502

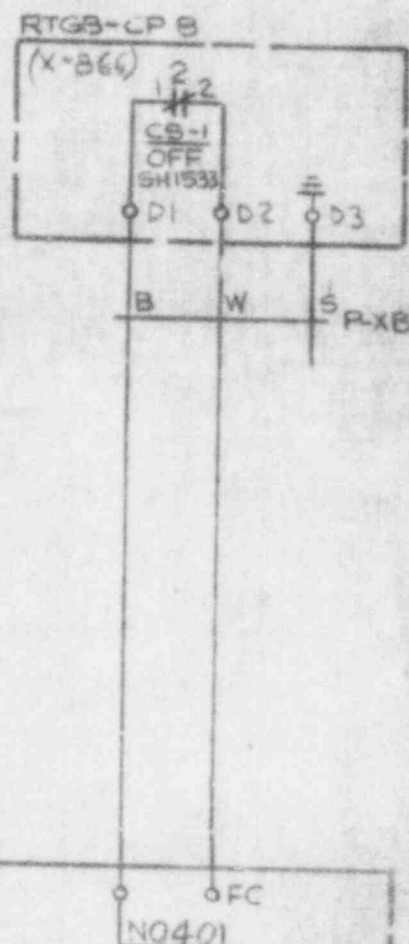
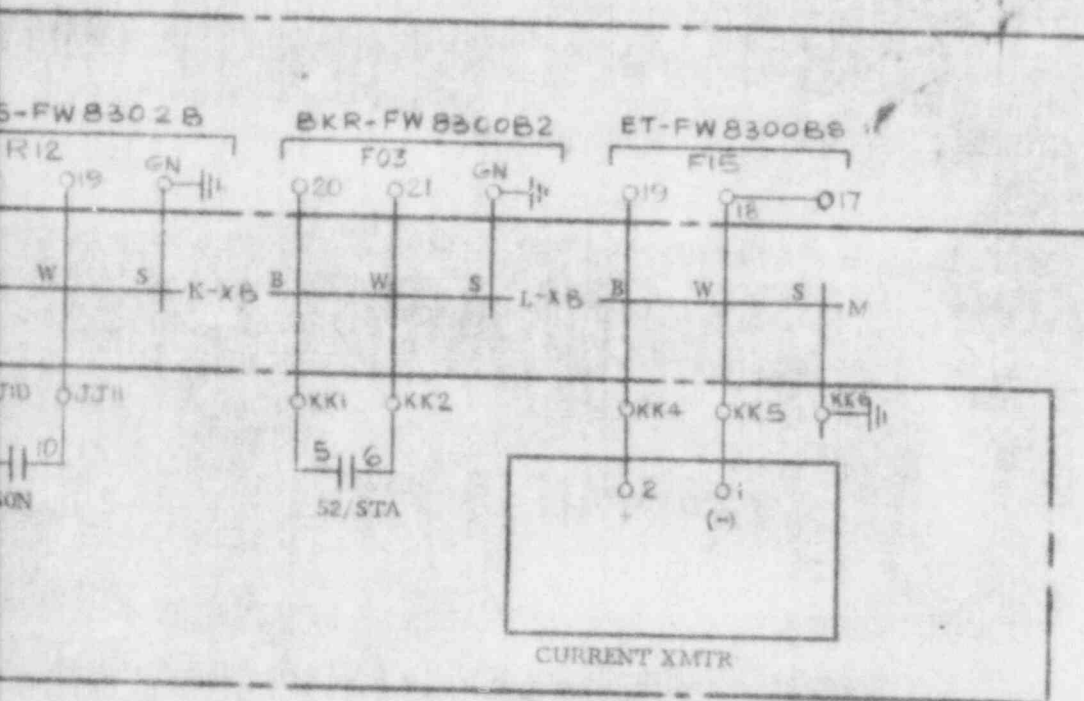
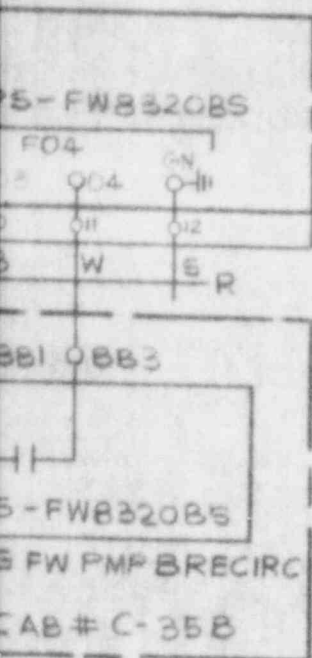


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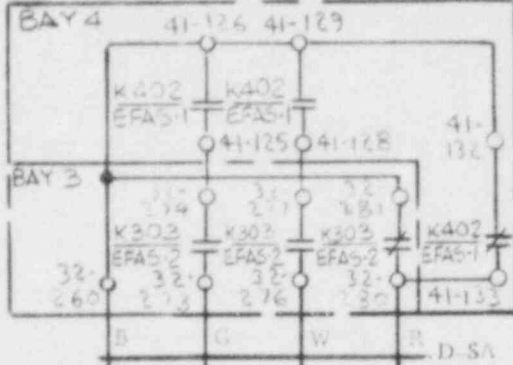
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7					5	22679	MM	RL
6	9-1-81	W	1/2	1/2	6	10-7-78	MM	RL
5	3-23-81	W	1/2	1/2	7	12-2-77	EM	RL
REV	DATE	BY	APPROVED		REV	DATE	BY	A

INCHES  
CAL.

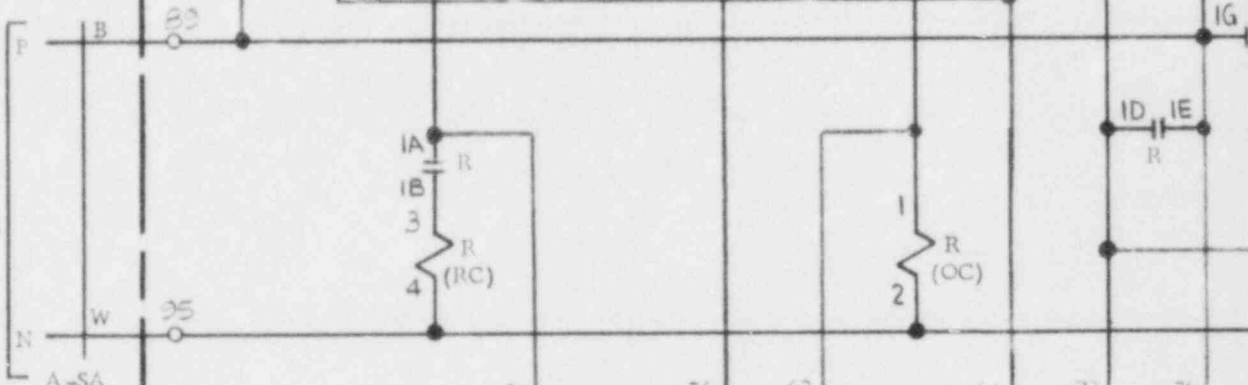
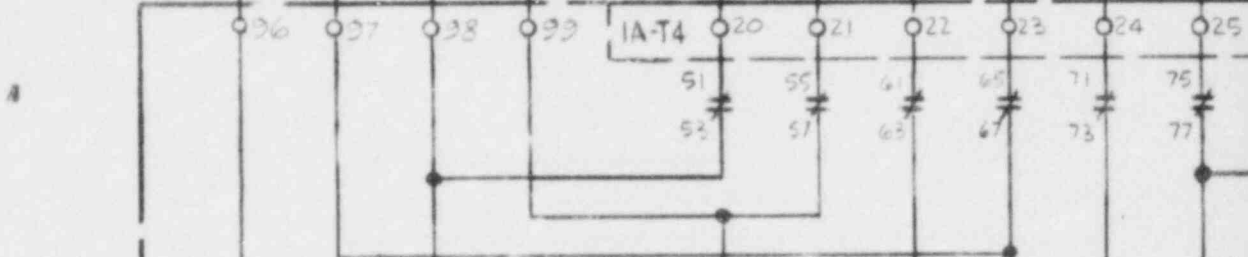
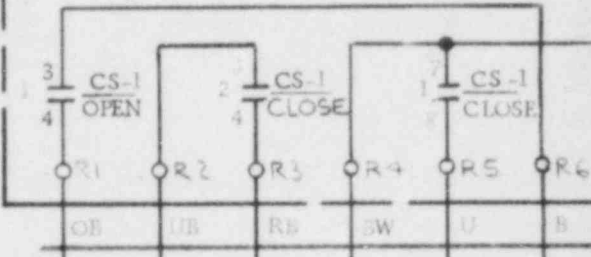




ESFAS CAB A (-6410)



RTGB-CP8  
(X-872)



(AH)

IA-T4

ALX PNL

OB

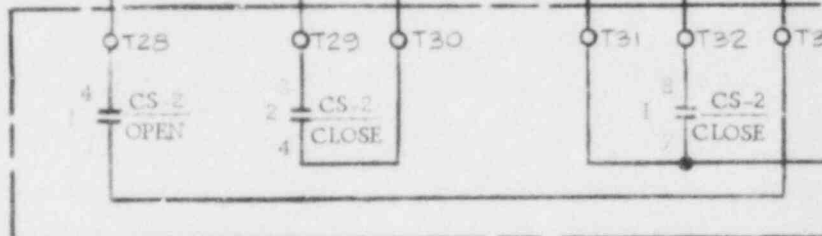
UB

RB

BW

U

B



LCP-4 (-9577)

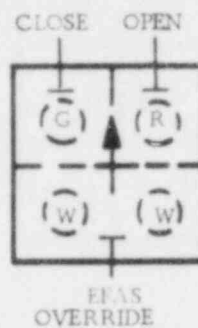
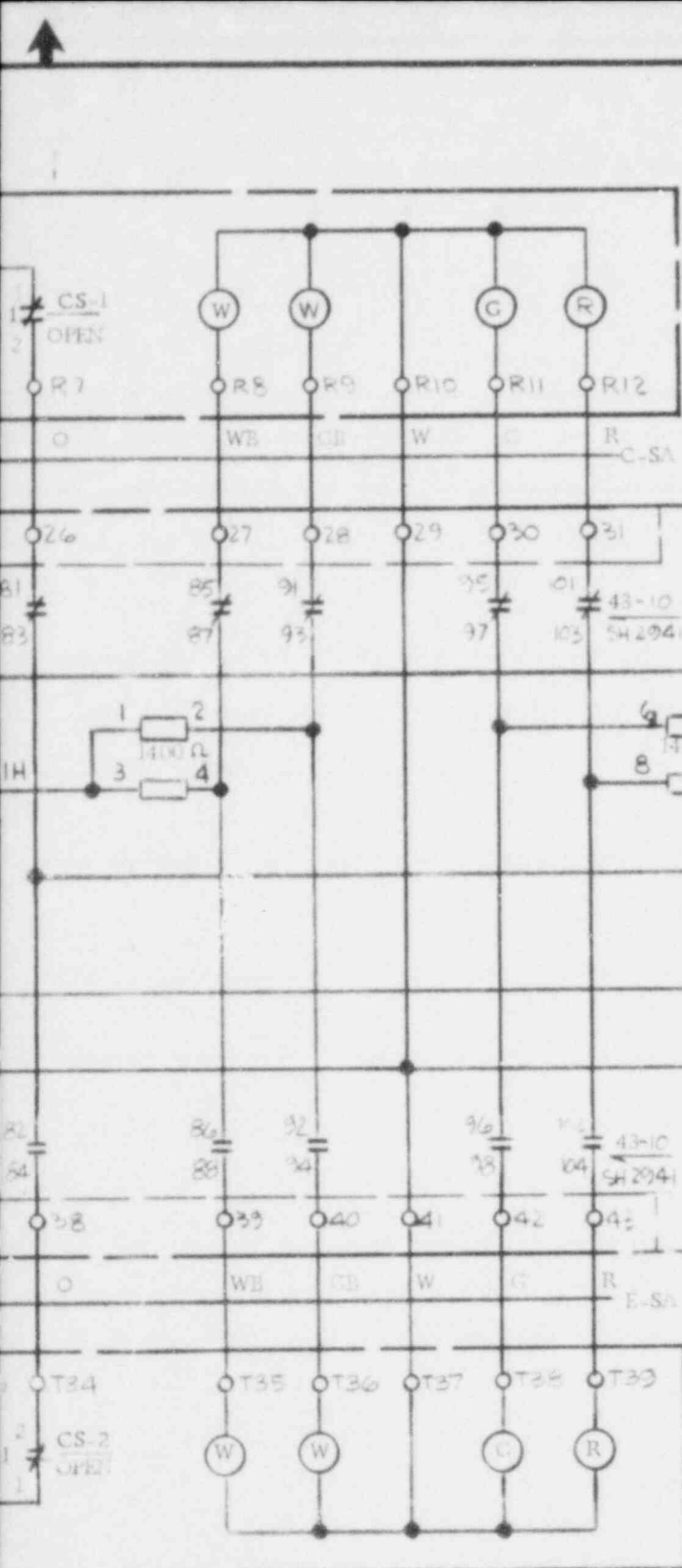
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REF #21 DC B  
LX-14

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0 1 2 3 4 5  
CM

(G-151)

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6					2	11/14/77	SM		
5					1	10/9/77	SM		
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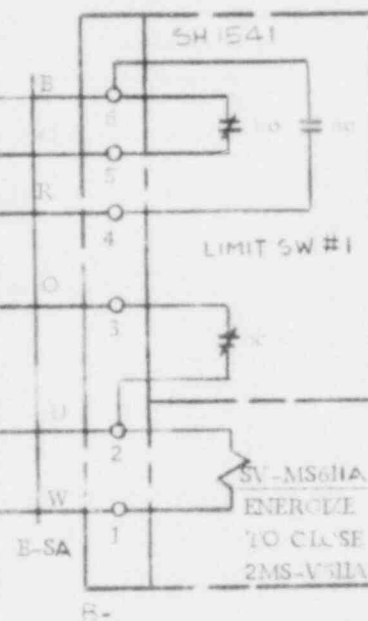
INCHES  
0 1 2  
CM



CS-1, CS-2

BLK	CONTACTS	POSITION			CWD SH.
		9	12	5	
1	1-2	X	X		
	3-4			X	*
	5-6		X	X	
	7-8	X			*
2	1-2	X	X		
	3-4	X			

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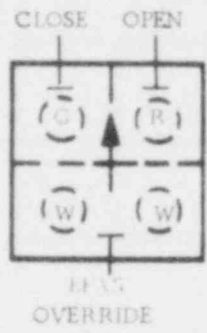
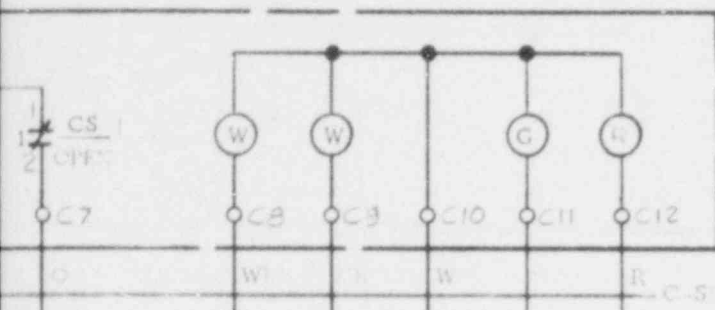


EBASCO SERVICES INCORPORATED	
DIV I & C DR SR	APPROVED
CH MAZIEMSKI	
DATE MAR 8, 1977	

LOUISIANA POWER & LIGHT CO.  
WATERFORD S.E.S. UNIT No.3  
CONTROL WIRING DIAGRAM  
EMERGENCY FW PUMP TURBINE  
STM SHUT OFF VA 2MS-V611A

LOU-1564  
B-424  
SHEET 15355

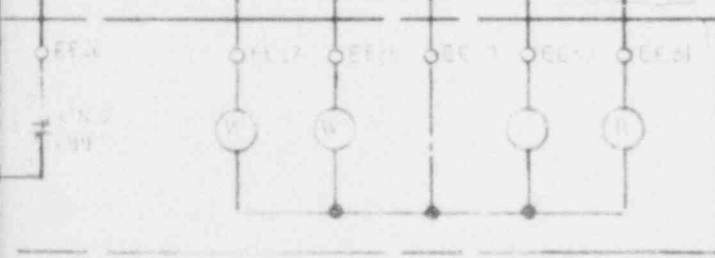
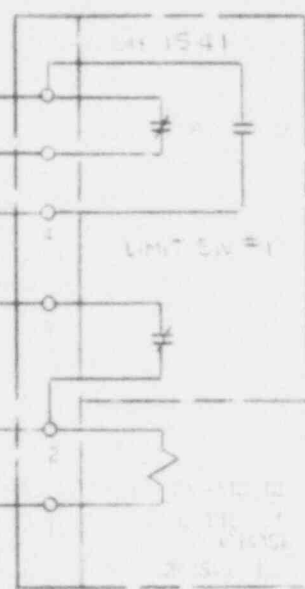
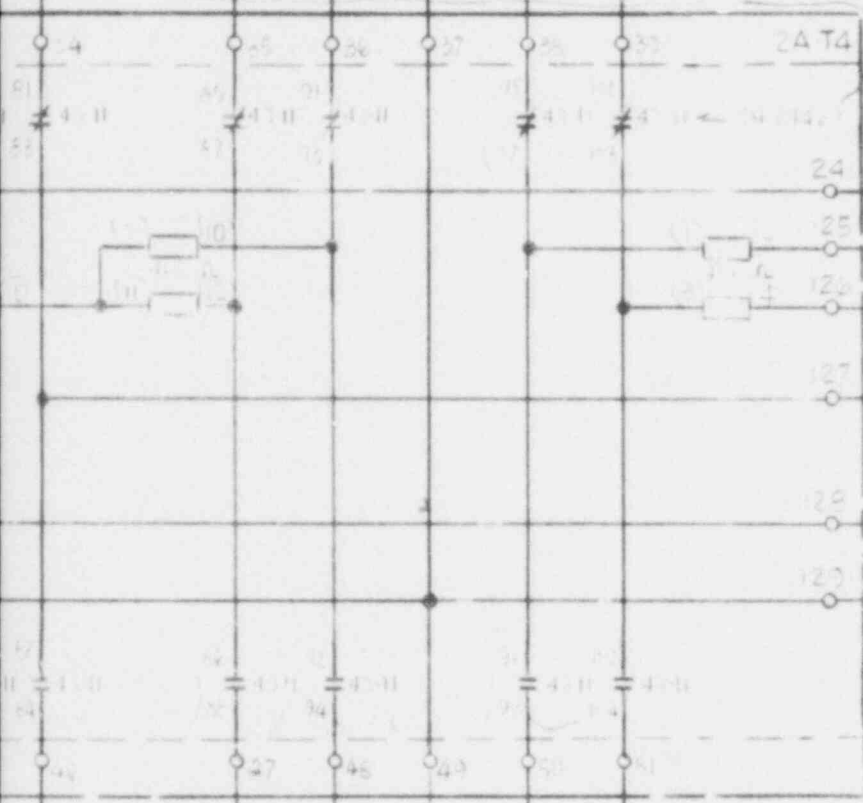




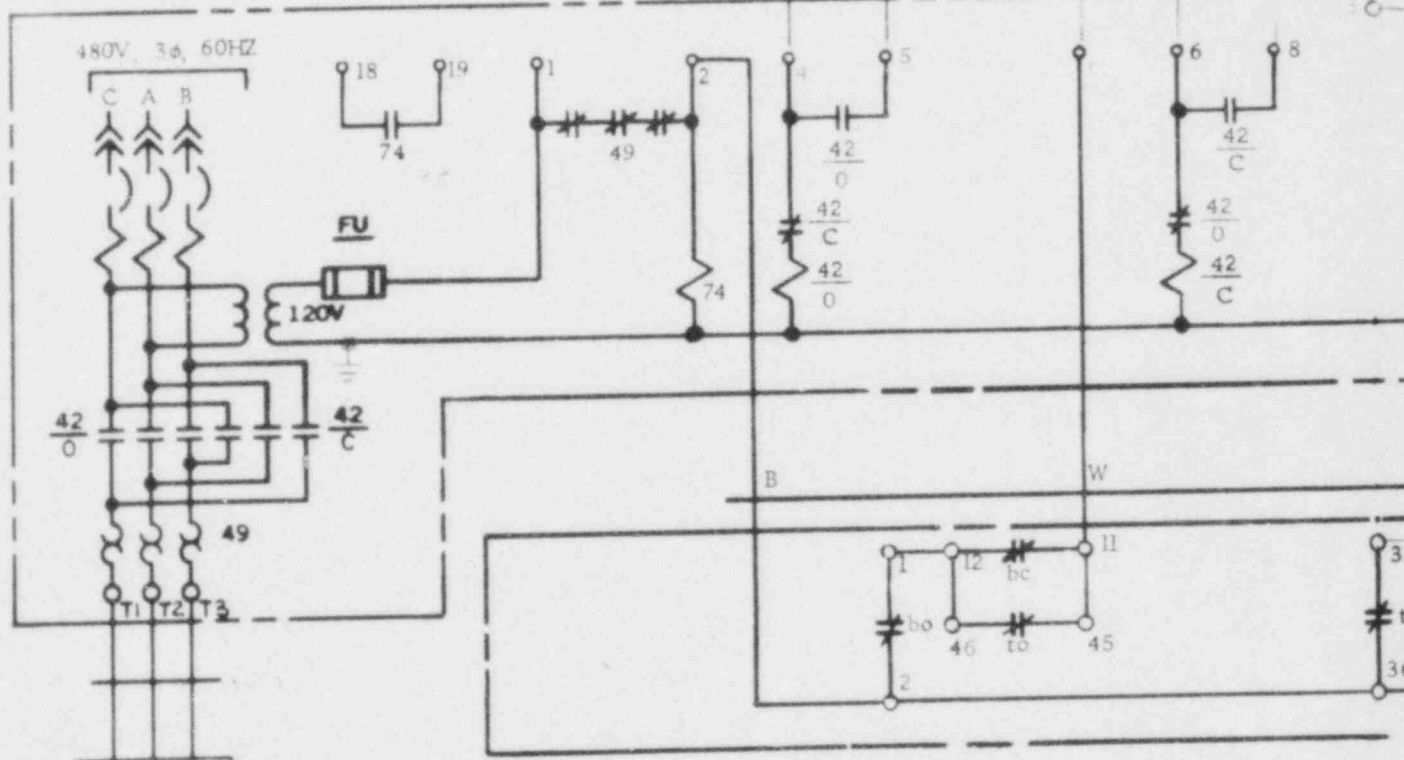
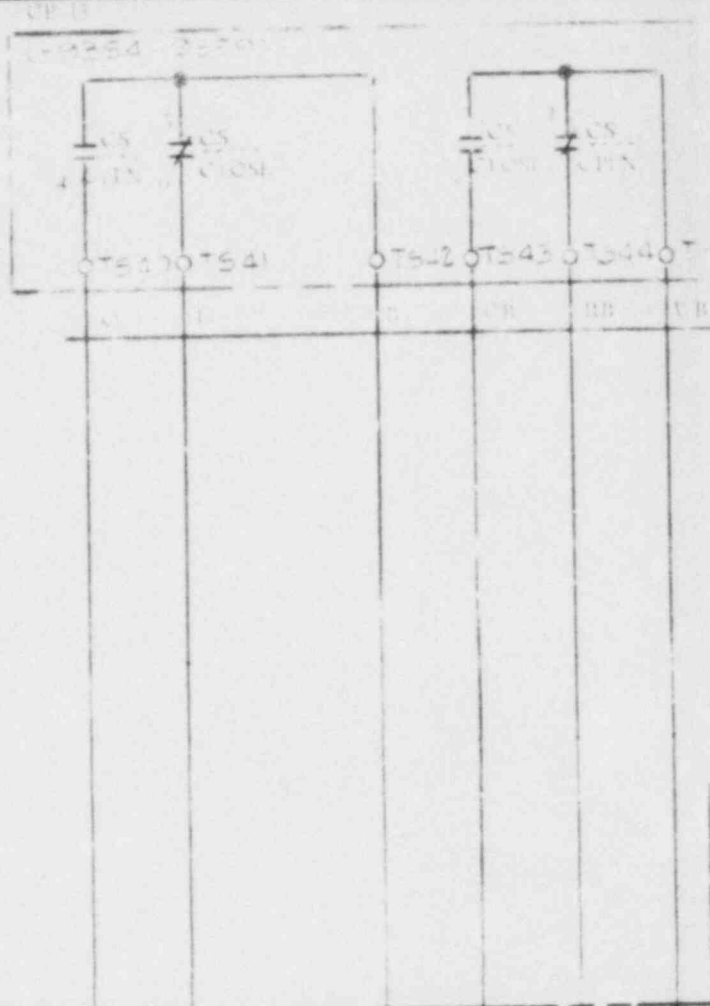
CS 1, CS 2

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		CLOSE	NORM	OPEN	
1	1-2	X	X		
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	5-6		X	X	
	7-8	X			*
2	9-10	X	X		
	11-12	X			

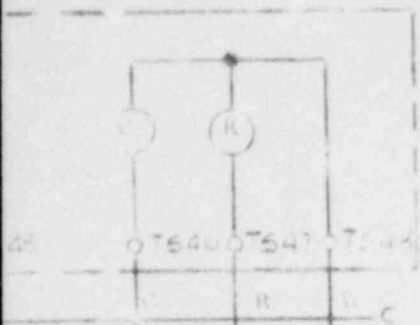
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SPRING RETURN TO NORMAL



EBASCO SERVICES INCORPORATED		LOUISIANA POWER & LIGHT CO.		LOU-1564
DIV I & C DR SR		WATERFORD S.E.S. UNIT No.3		
CH MAZ E		CONTROL WIRING DIAGRAM		B-424
DATE MAR 5 1977		EMERGENCY FW PUMP TURBINE		SHEET 12-63
APPROVED		STM SHUT OFF VA 2MS-VBI		



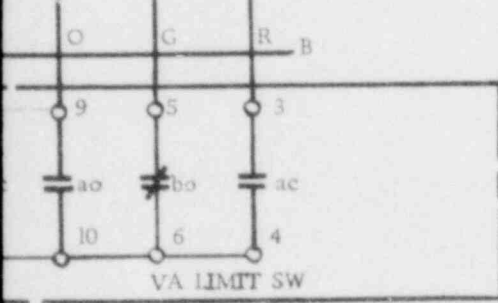
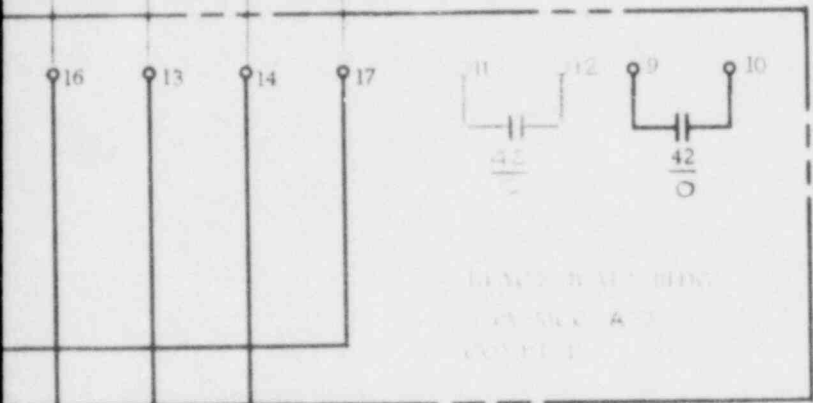
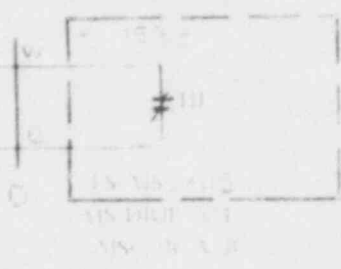
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6					2				
5					1	10-25-68			
REV	DATE	BY	APPROVED		REV	DATE	BY		



CS

CONTACTS	POSITION			WD SH
	1	2	3	
	CLOSE	NORM	OPEN	
1-2	X	X		
3-4			X	
5-6		X	X	
7-8	X			

TYPE CMC \* THIS SHEET  
SPRING RETURN TO NORM



LIMIT SW DEVELOPMENT				
EBASCO SYM	CONT	VALVE OPNG	%	CWLD SH.
		0	100	
bo	1-2			*
ac	3-4			*
bo	5-6			*
ac	7-8			
ao	9-10			*
bc	11-12			*
ao	13-14			
bc	15-16			
a%	17-18			
b%	19-20			
a%	21-22			
b%	23-24			
b%	25-26			
a%	27-28			
b%	29-30			
a%	31-32			
tc	35-36	OPENS ON OVLD ON CLOSE STRK		*
to	45-46	OPENS ON OVLD ON OPEN STRK		*

== CONT CLOSED \* = THIS SHEET

EBASCO SERVICES INCORPORATED  
NEW YORK

DIV **IAC** DR \_\_\_\_\_  
SCALE **NONE** CH \_\_\_\_\_  
DATE \_\_\_\_\_

APPROVED

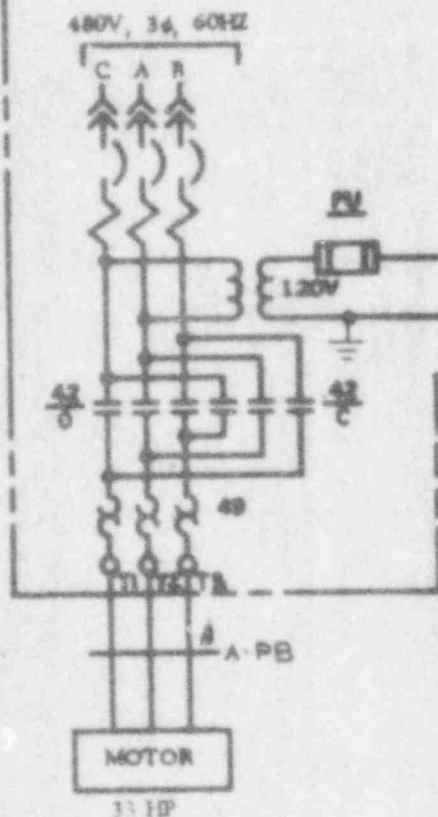
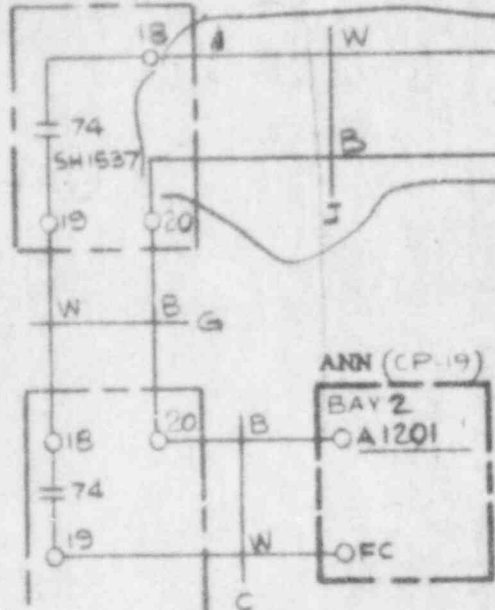
LOUISIANA POWER & LIGHT CO.  
WATERFORD S. E. S. UNIT No. 3  
CONTROL WIRING DIAGRAM

LOU-1564  
E-424  
SHEET 1537

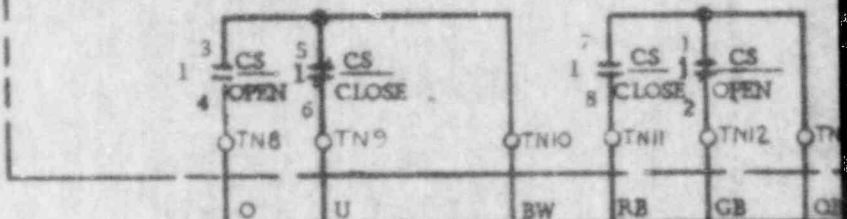




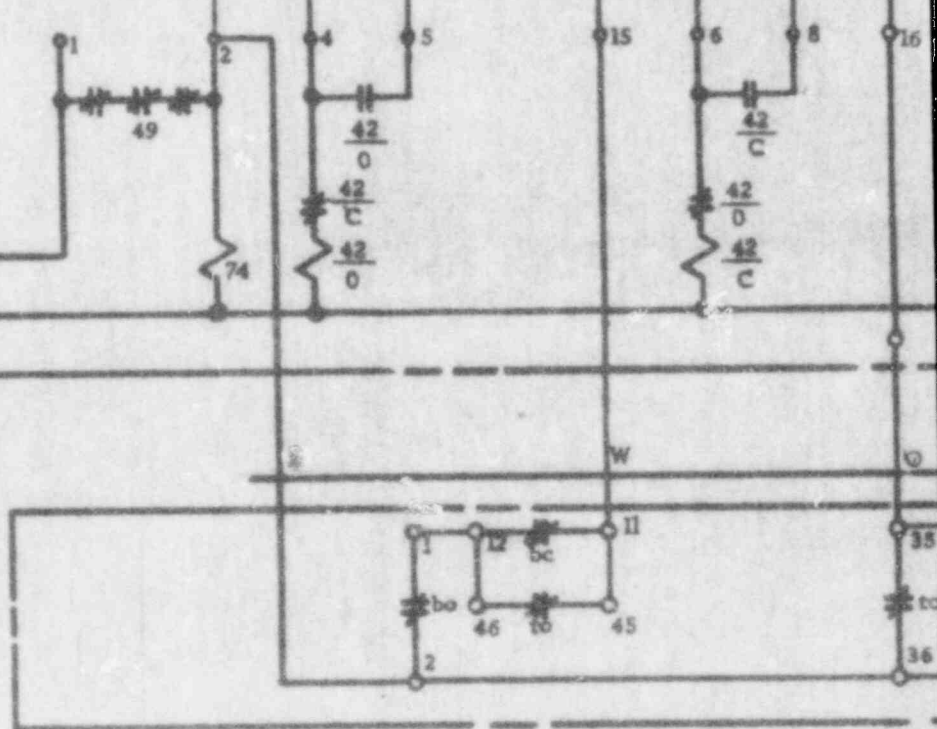
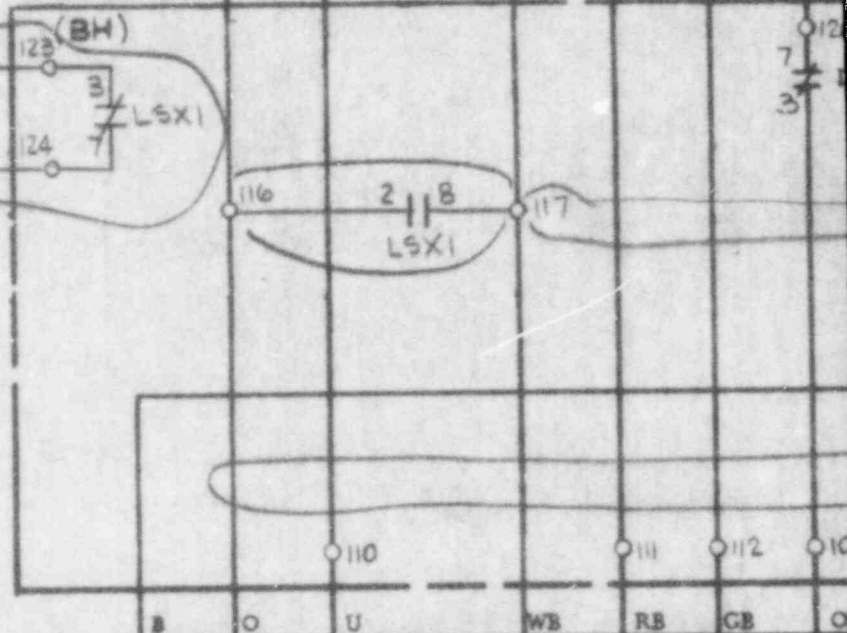
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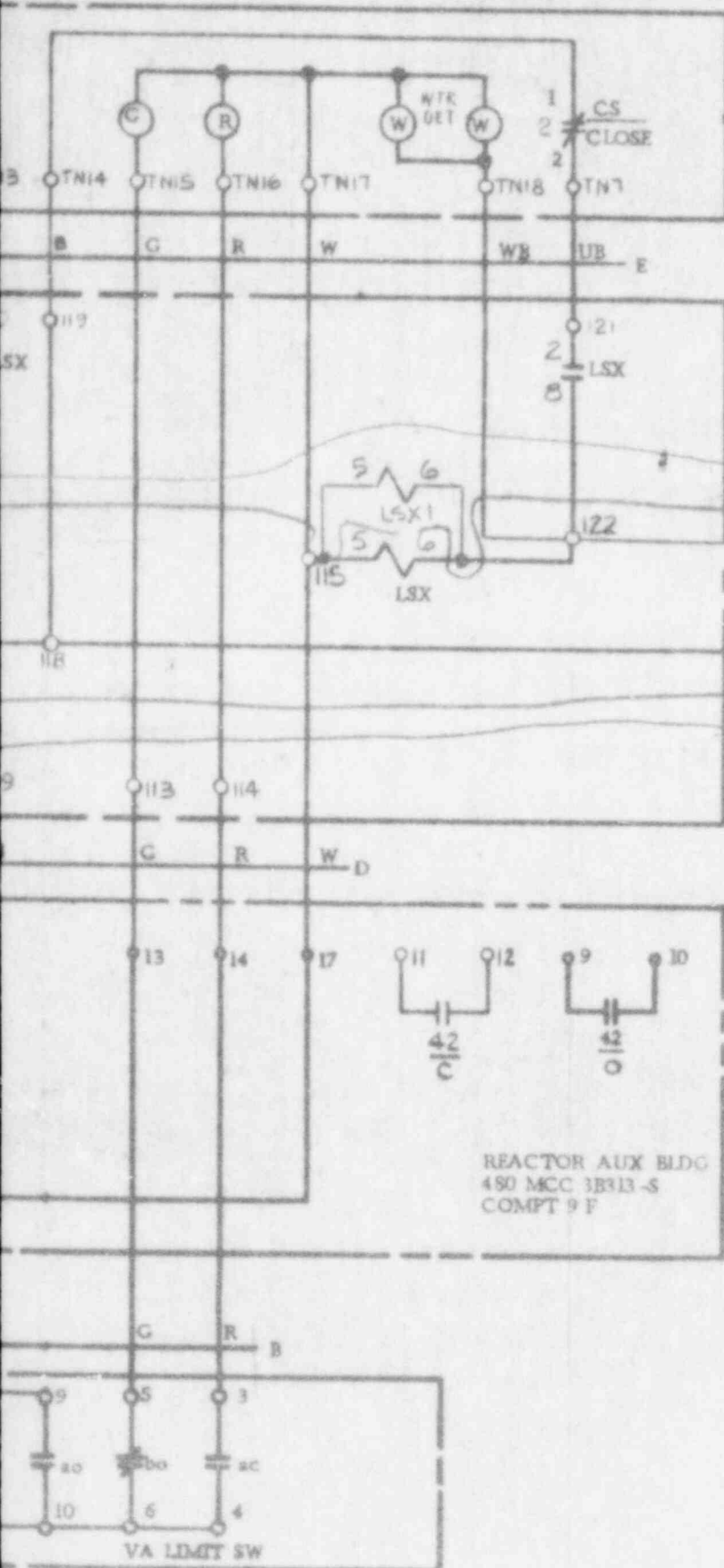


AUX.PNL-4



(G-165-2)

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7					3	1-9-79	AC	K
6	1-8-81	PJK	1/2	1/2	2	7-3-78	MAZ	E
5	11-28-79	ZR	1/2	1/2	1	10-29-76	WJ	R
REV	DATE	BY	APPROVED		REV	DATE	BY	



BLK	CONTACTS	POSITION			CWD SH.
		9	12	3	
1	1-2	X	X		*
	3-4			X	*
	5-6		X	X	*
	7-8	X			*
2	3-4			X	
	1-2		X	X	

TYPE CMC

\* THIS SHEET

SPRING RETURN TO NORM

MS DRIP POT  
3MSG-110A/B

LIMIT SW DEVELOPMENT				
ASBSCO SYM	CONT	VALVE OPEN	% CLOS	
BB	1-2		100	SH.
BC	3-4			*
BD	5-6			*
BE	7-8			*
BF	9-10			*
BG	11-12			*
BH	13-14			*
BI	15-16			200
BJ	17-18			
BK	19-20			
BL	21-22			
BM	23-24			
BN	25-26			
BO	27-28			
BP	29-30			
BQ	31-32			
BR	33-34	OPENS ON OPEN		*
BS	35-36	ON CLOSE STAY		*
BT	37-38	OPENS ON OPEN		*
BU	39-40	ON CLOSE STAY		*

APPROVED  
 DIV. IAC  
 SCALE NONE ON MAZ  
 DATE MAY 2, 1976  
 NEW YORK  
 APPROVED  
 W. J. P.

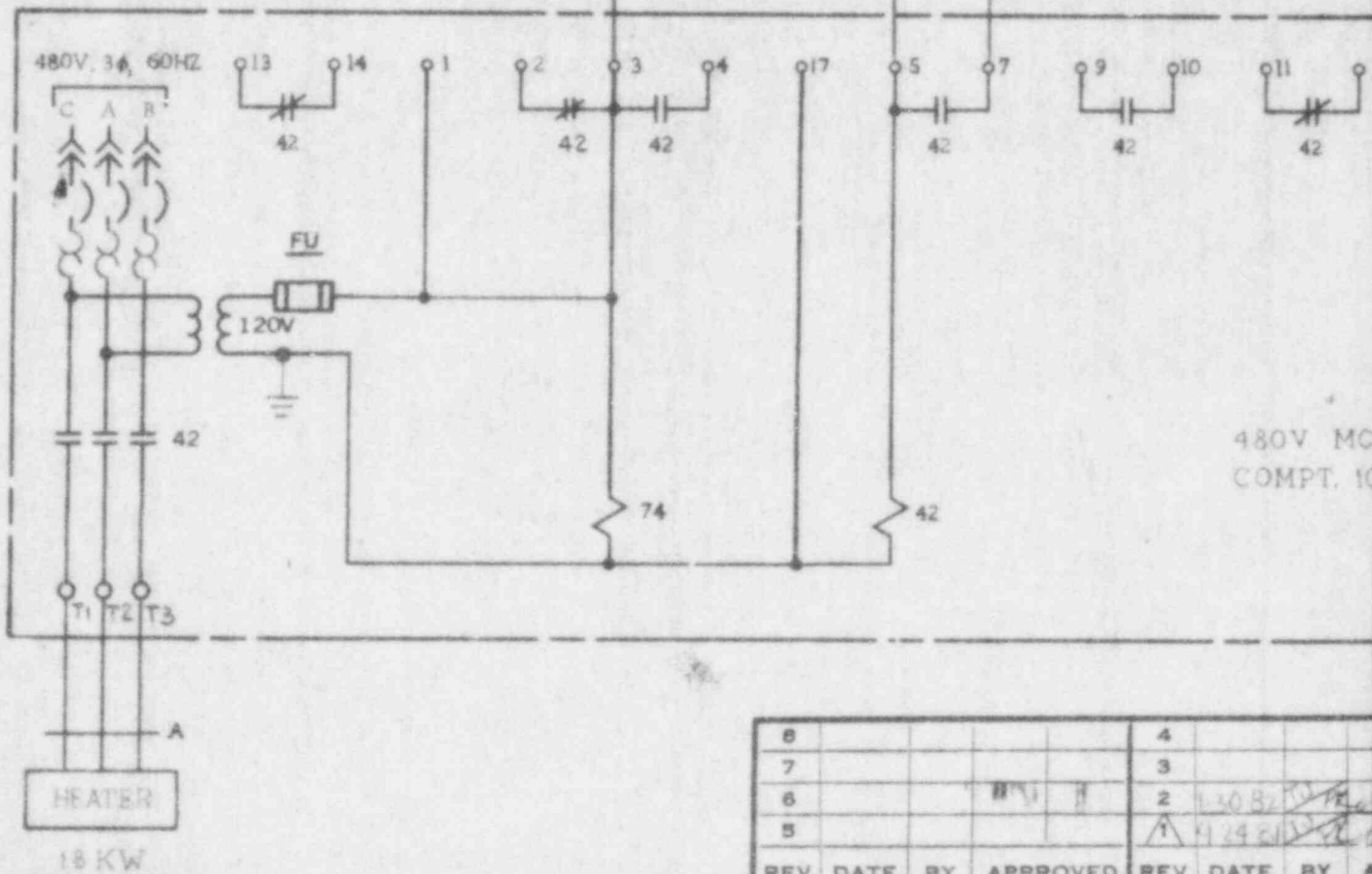
LOUISIANA POWER & LIGHT CO.  
 WATERFORD S.E.S. UNIT No.3  
 CONTROL WIRING DIAGRAM  
 EMERG FWPT TURBINE STEAMLINE EMERG  
 DRAIN VA 3M15-VG85

LOU-1564  
 B-424  
 SHEET 1538  
 4

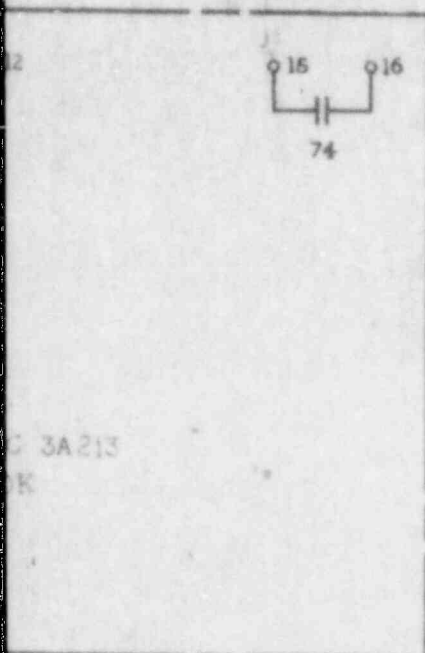


The schematic diagram illustrates the internal structure of the TIS-CD9010.2A1 and TIS-CD9010.2A2 modules. It shows two modules, RO(1) and RO(5), each with three input lines (B, W, S) and three output lines (C, D, E). The modules are connected to a common ground (GN) and a common power supply (VCC). The TIS-CD9010.2 module is shown with its internal components, including a 65 ohm resistor and a 90 ohm resistor. The TIS-CD9010.1 module is shown with its internal components, including a 75 ohm resistor and a 30 ohm resistor.

CONDENSATE  
STORAGE  
POOL



8					4			
7					3			
6					2	13082		
5					1	42481		
REV	DATE	BY	APPROVED		REV	DATE	BY	

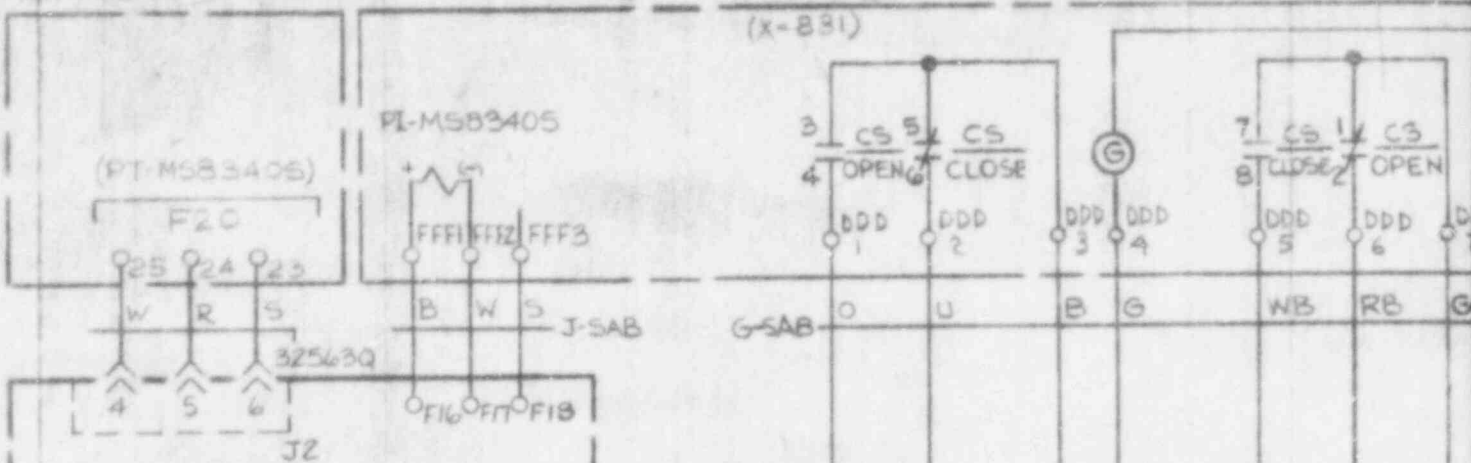


EBASCO SERVICES INCORPORATED NEW YORK		LOUISIANA POWER & LIGHT CO. WATERFORD S. E. S. UNIT No. 3 CONTROL WIRING DIAGRAM		LOU-1564 B-424 SHEET 1539
DIV 160 CH 160	DR A.S. DATE APR 1 1981	APPROVED <i>B. Friedrichs</i> <i>MB</i>		CONDENSATE STORAGE POOL HEATER

MUX RAZ105

RTGB-CPB

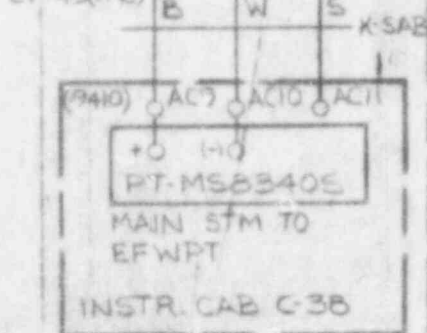
(X-881)



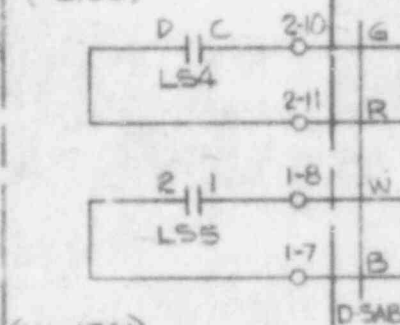
(X-1781)

(N642)

CP-43(PAC)

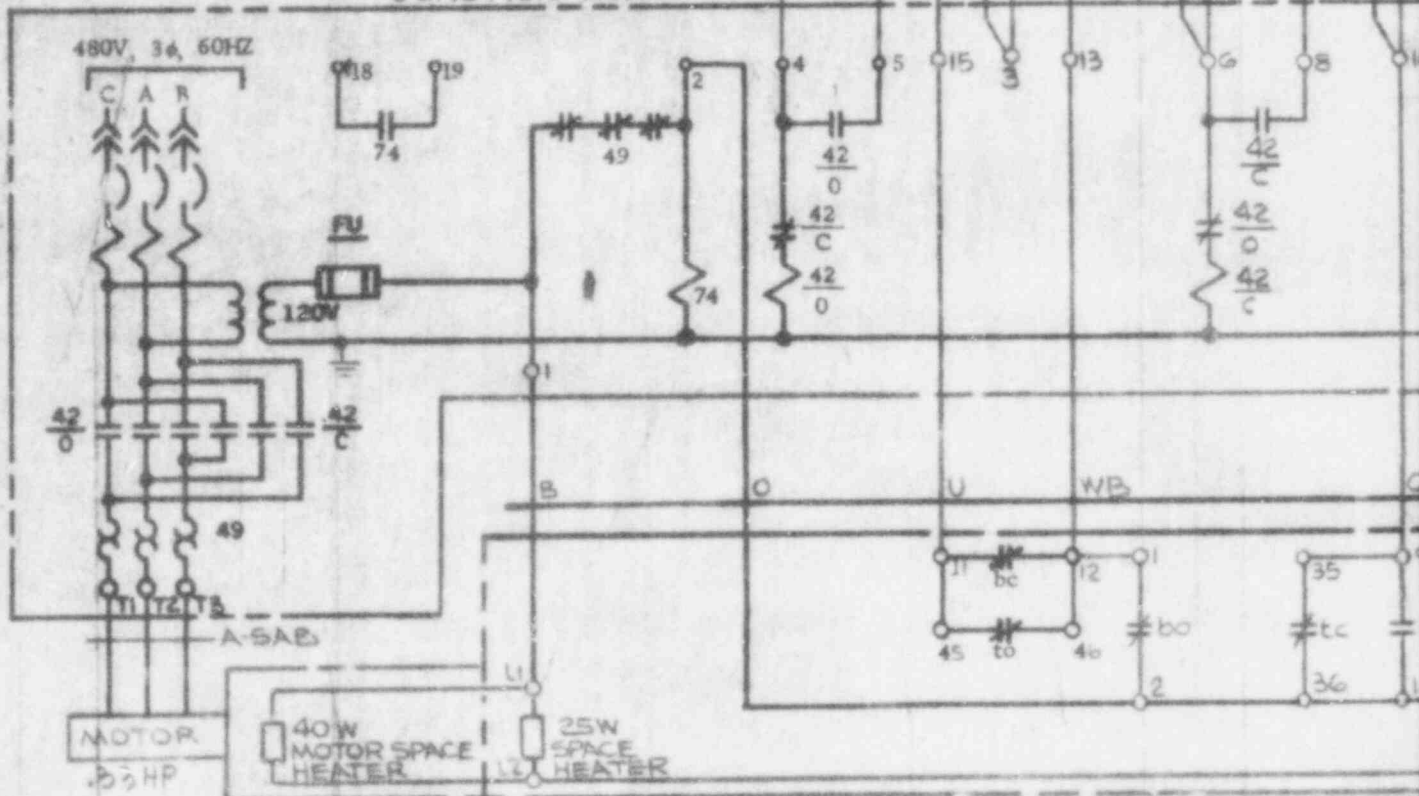


(-21GG)



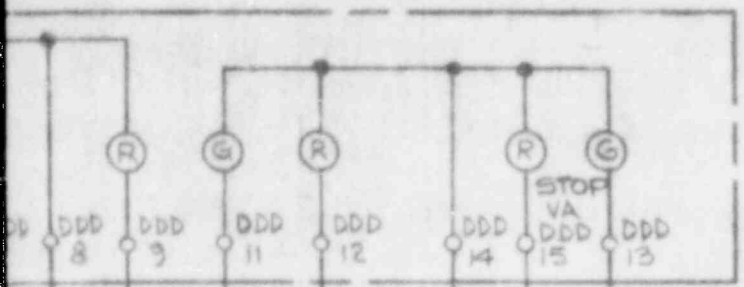
(SH. 1541)

TURB MOUNTED JUNCTION BOX

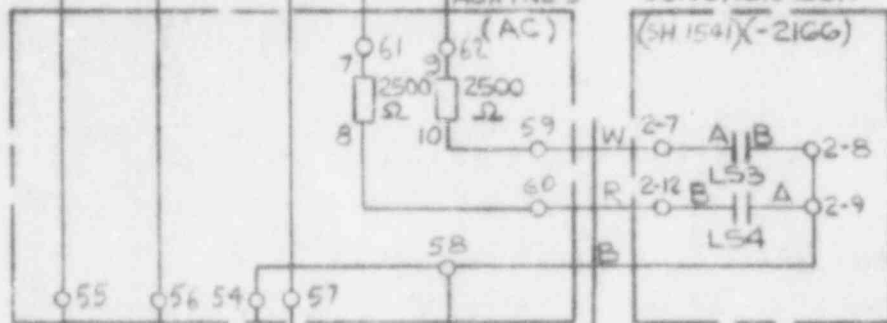


12					8	4-21-81	PL	PL	4	5-15-78	AC	PL
11					7	3-31-81	PL	PL	3	4-15-78	EM	PL
10					6	6-11-80	ZR	PL	2	4-15-78	AC	PL
9	7-6-81	SR	PL	PL	5	11-26-81	PL	PL	1	3-15-78	AT	PL
REV	DATE	BY	APPROVED		REV	DATE	BY	APPROVED	REV	DATE	BY	AP

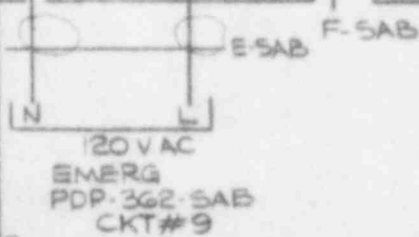
(G-151-1)



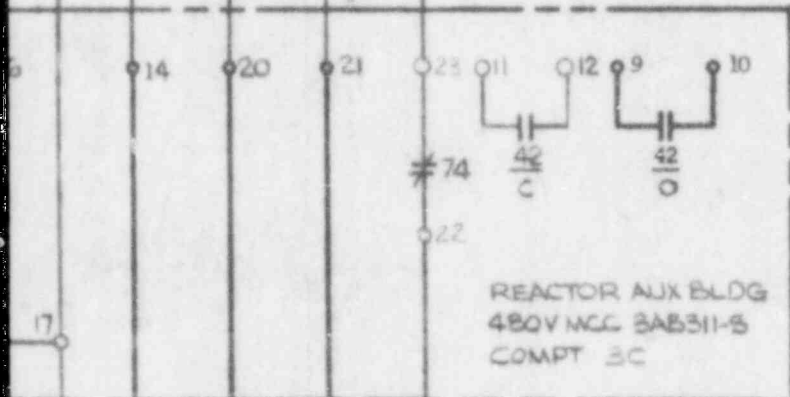
H-SAB  
AUX PNL-3



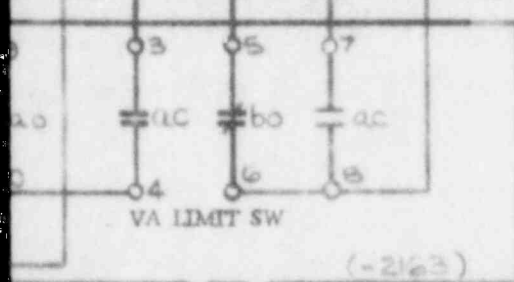
TURB MOUNTED  
JUNCTION BOX  
(SH 1541X-21GG)



W R B C-SAB



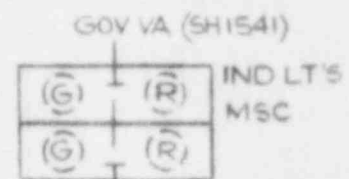
B W GB G R RB B-SAB



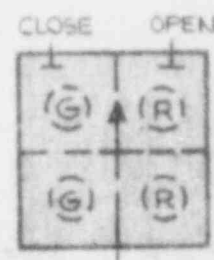
(-2163)

CONTACTS	POSITION			CWD SH.
	9	12	3	
1-2	X	X		*
3-4			X	*
5-6		X	X	*
7-8	X			*

TYPE CMC \* THIS SHEET  
SPRING RETURN TO NORM



STOP VA



LEGEND

- LS3 CLOSE AFTER
- LS4 TRIP
- LS5 CLOSE AFTER OVERSPEED LINKAGE IS RESET

LIMIT SW DEVELOPMENT				
EBASCO SYM	CONT	VALVE	OPNG %	CWD SH.
bo	1-2		100	*
ac	3-4			*
bo	5-6			*
ac	7-8			*
ao	9-10			*
bc	11-12			*
ao	13-14			*
bc	15-16			*
ao	17-18			*
bc	19-20			*
ao	21-22			*
bc	23-24			*
ao	25-26			*
bc	27-28			*
ao	29-30			*
bc	31-32			*
tc	35-36	OPENS ON OVLN ON CLOSE STRK		*
to	45-46	OPENS ON OVLN ON OPEN STRK		*

== CONT CLOSED \* = THIS SHEET

EBASCO SERVICES INCORPORATED  
NEW YORK

DIV **100** DR **REL**  
SCALE **NONE** CH **MAZ**  
DATE **DEC 21 1977**

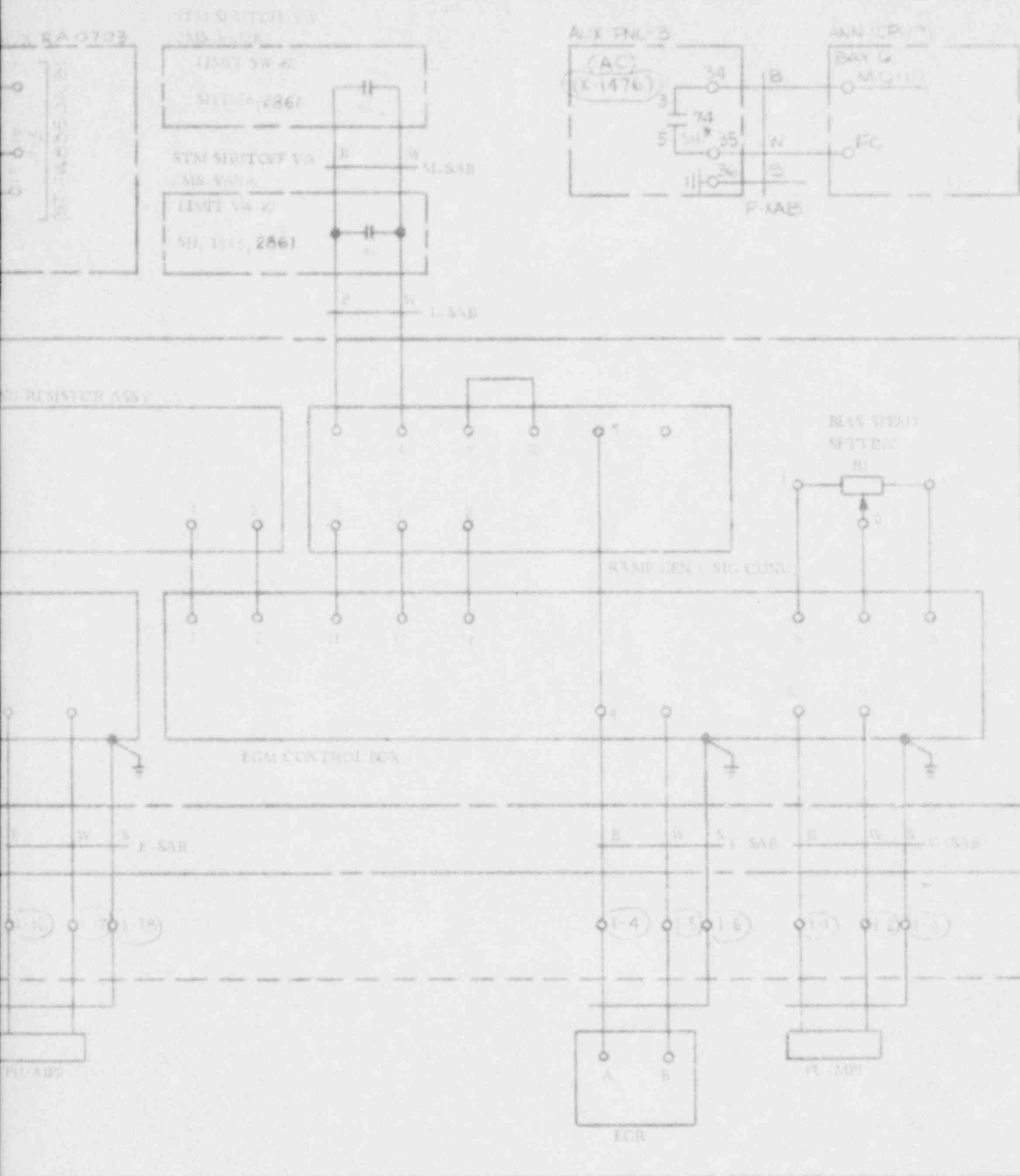
APPROVED  
*[Signature]*

PROVED  
*[Signature]*

LOUISIANA POWER & LIGHT CO  
WATERFORD S.E.S. UNIT No.3  
CONTROL WIRING DIAGRAM  
EMERGENCY FWPT STOP VA

LOU-1564  
B-424  
SHEET 15403  
4





APPROVED

EBASCO SERVICES INCORPORATED

DIV. E.E.C. OR REL.  
CH. MAZIEMSKI

DATE JUN 21, 1977

APPROVED  
*[Signature]*  
W. R. L. M.

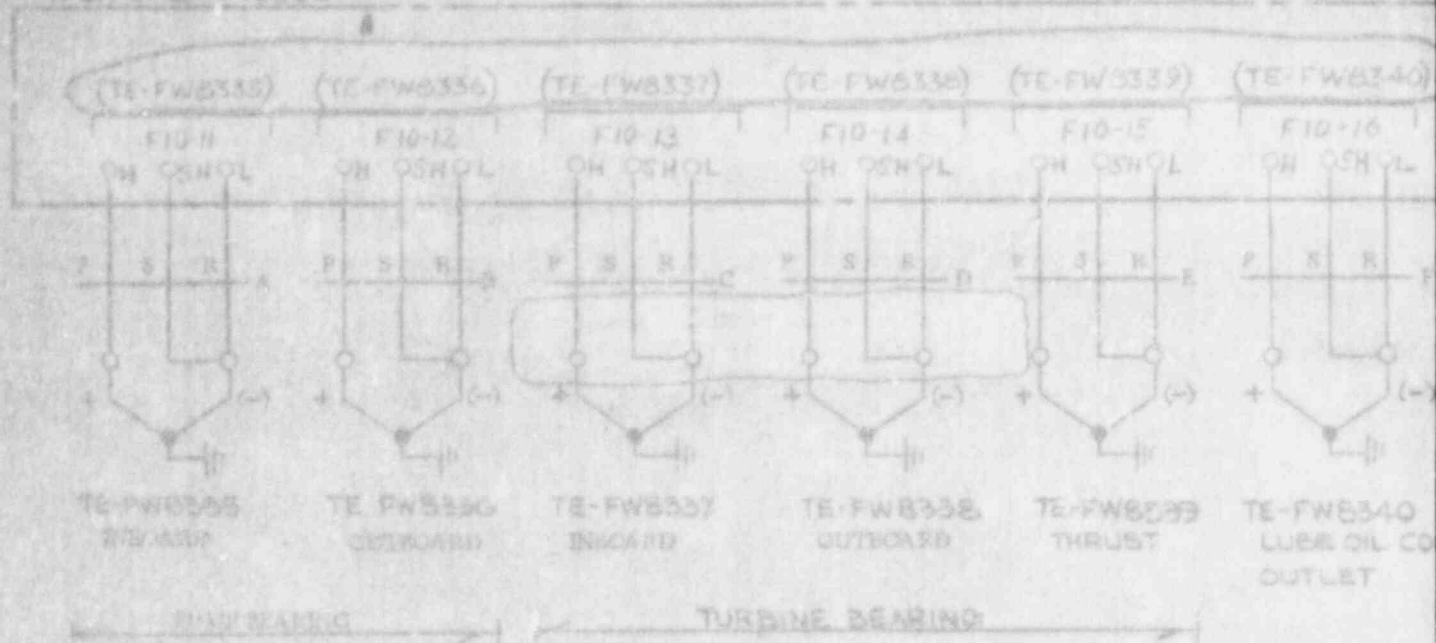
LOUISIANA POWER & LIGHT CO.  
WATERFORD S.E.S. UNIT No.3  
CONTROL WIRING DIAGRAM

EMERGENCY TWTPT GOVERNOR V.V.

LOU-1564  
B-424

SHEET 154





(3-103-2)

1				4	11-14-78	AC
2				5	4-4-79	AC
3	1-2-81	10	10	6	11-18-78	AC
4	6-2-80	28	10	7	7-25-77	SM
REV	DATE	BY	APPROVED	REV	DATE	BY

INCHES

(FT-FW B320)

O<sub>23</sub> F01 O<sub>24</sub> O<sub>25</sub>

B-RA3502  
SH-2787

(X-2630)

W E S J

AB6

O<sub>5</sub> O<sub>6</sub>  
PW-FW B320S  
O<sub>1</sub> O<sub>2</sub> + O<sub>6</sub>

SH-2787

AB5 AB6 AB7

B W S K

(-9410)

OAB9 OAB10 OAB11

O + O (-)

FT-FW B320S

EMERG FEED WTR  
PUMP AB RECIRC

INSTR CAB C-38

EBASCO SERVICES INCORPORATED

DIV. IFC DR. REL

CH. F. D. KAIRAB

APPROVED

APPROVED

DATE MAR 25, 1972

LOUISIANA POWER & LIGHT CO.  
WATERFORD S. E. S. UNIT No. 3  
CONTROL WIRING DIAGRAM  
EMERG FWE AB & EMERG FWPT  
COMPUTER INPUTS

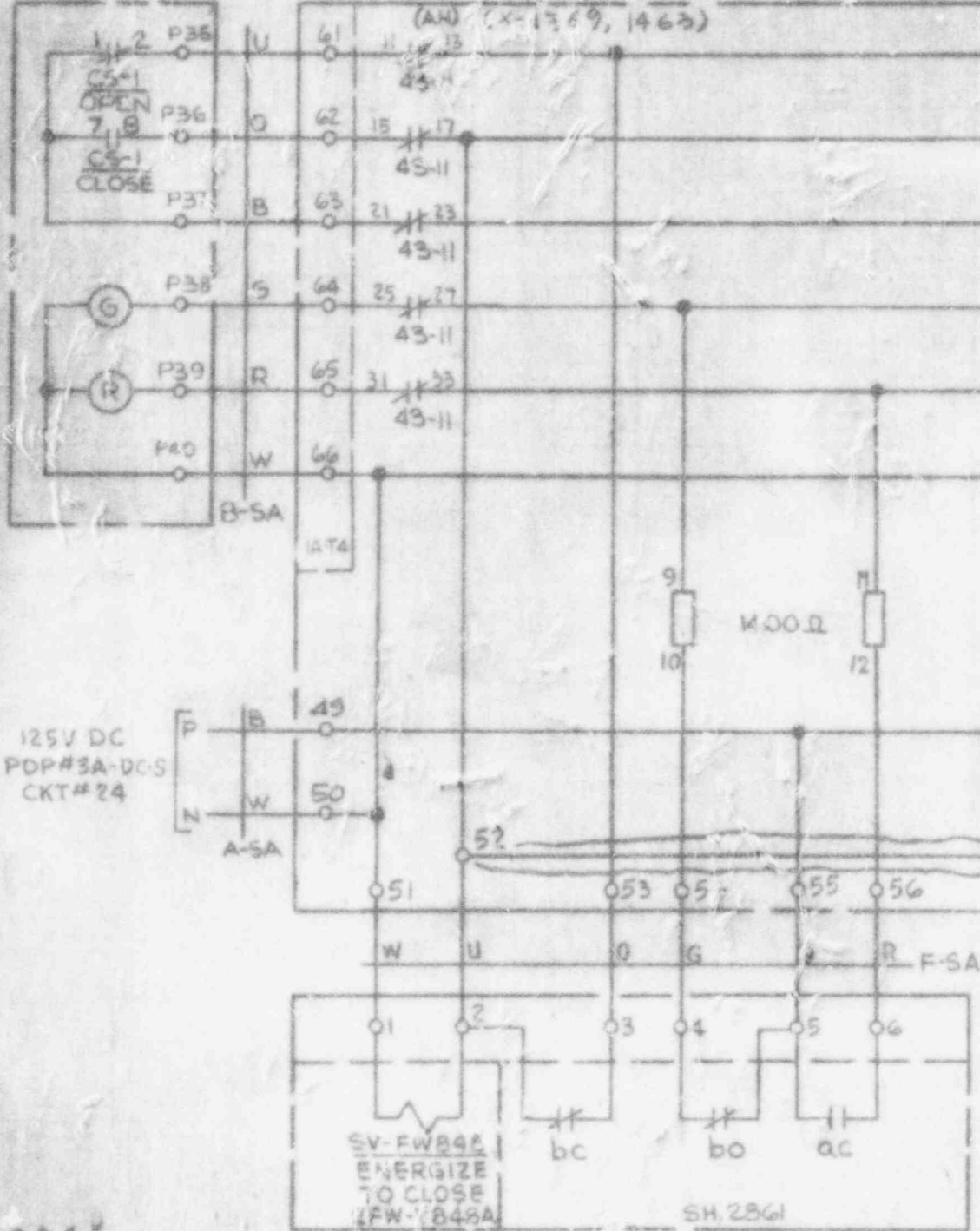
LOU-1564  
B-424  
SHEET 44  
4



RTGB-CPB

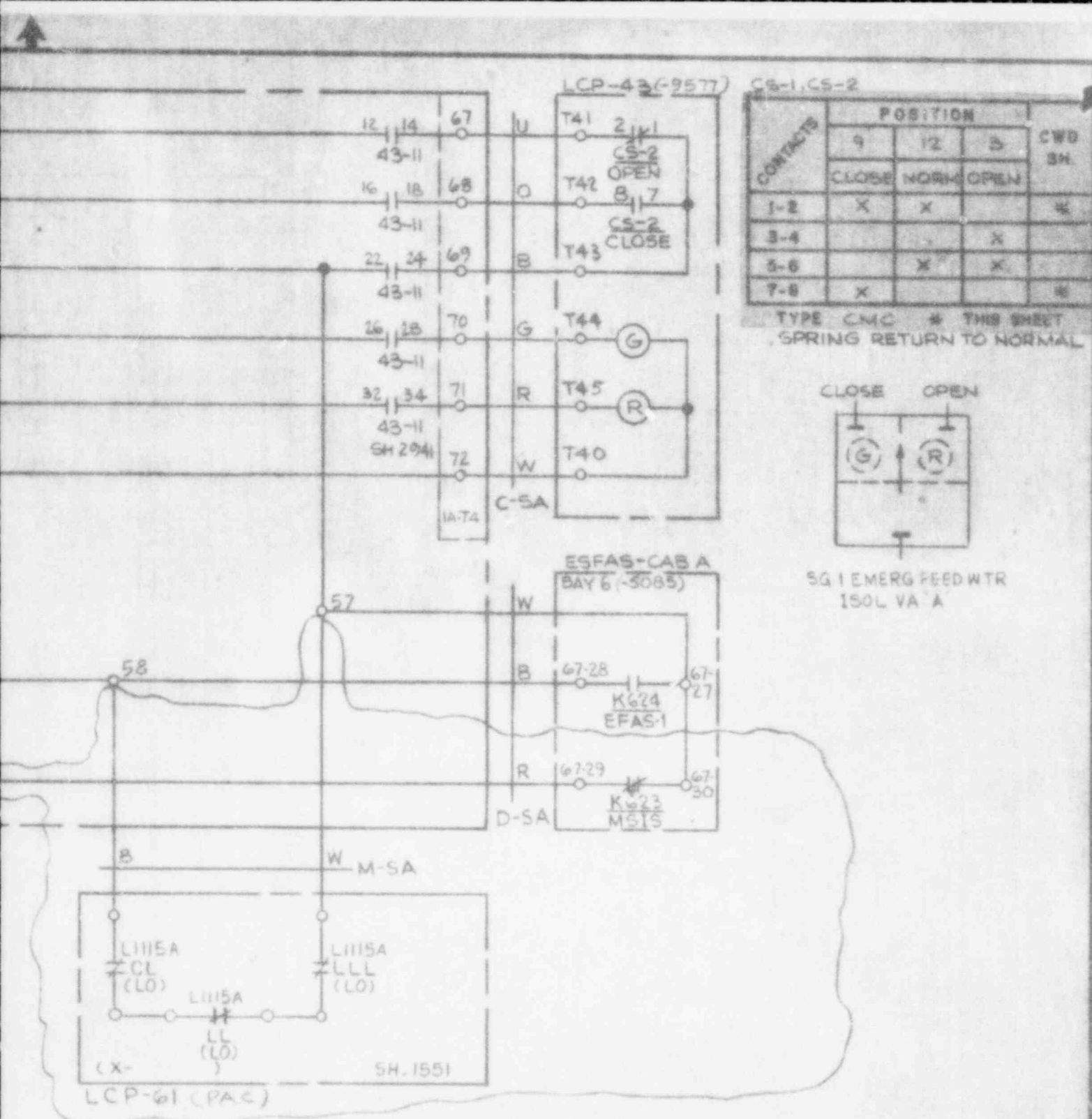
AUX PNL-1

(AN) (X-1369, 1463)



6						10-30-81	EB	W
7						11-22-78	FV	W
8						6-30-78	EM	W
9						4-24-78	REL	W
REV	DATE	BY	APPROVED	REV	DATE	BY	A	

(C-153-2)



EBASCO SERVICES INCORPORATED DIV I & C DR VZ CH MAZIEMSKI DATE DEC 3, 1976		APPROVED W. R. Adams	LOUISIANA POWER & LIGHT CO. WATERFORD S.E.S. UNIT No. 3 CONTROL WIRING DIAGRAM SG NO1 EMERG FW ISOLATION VA 2FW-VB48A	LOU-1564 B-424 SHEET 15A
---	--	-------------------------	---	--------------------------------

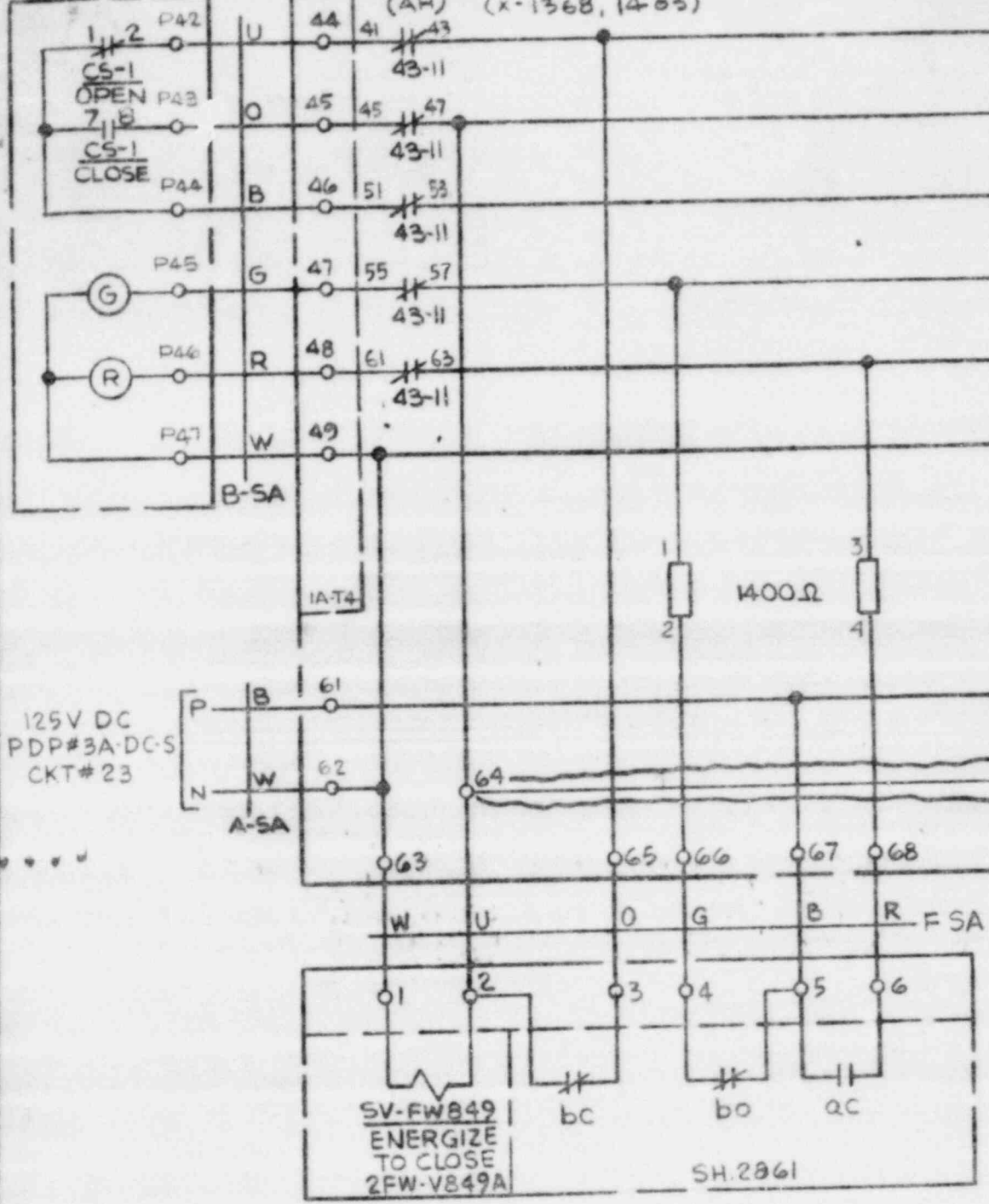






(X-871)  
RTGB-CP8

AUX PNL-1  
(AH) (X-1368, 1463)



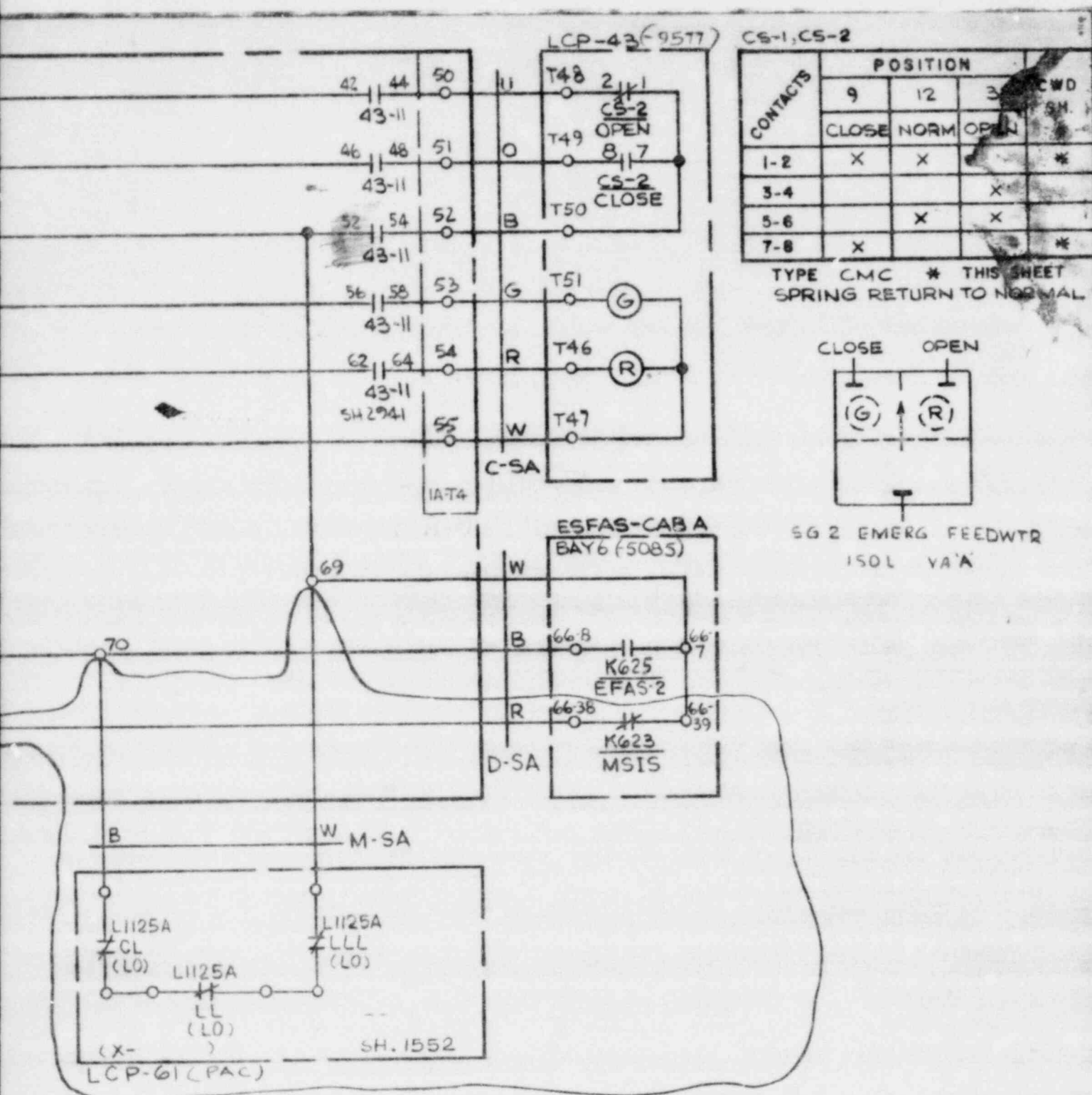
125V DC  
PDP#3A-DCS  
CKT#23

SV-FW849  
ENERGIZE  
TO CLOSE  
2FW-V849A

SH.2861

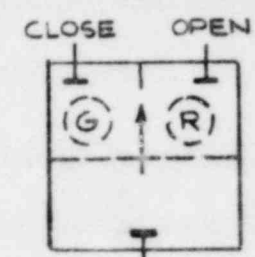
8					4	10-30-81	EE	WT
7					3	1-22-78	CV	RL
6					2	6-30-78	EM	RL
5					1	4-24-78	REL	JT
REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED	

(G-153-2)



CONTACTS	POSITION			CWD SH.
	9	12	3	
	CLOSE	NORM	OPEN	
1-2	X	X		*
3-4			X	
5-6		X	X	
7-8	X			*

TYPE CMC \* THIS SHEET  
SPRING RETURN TO NORMAL



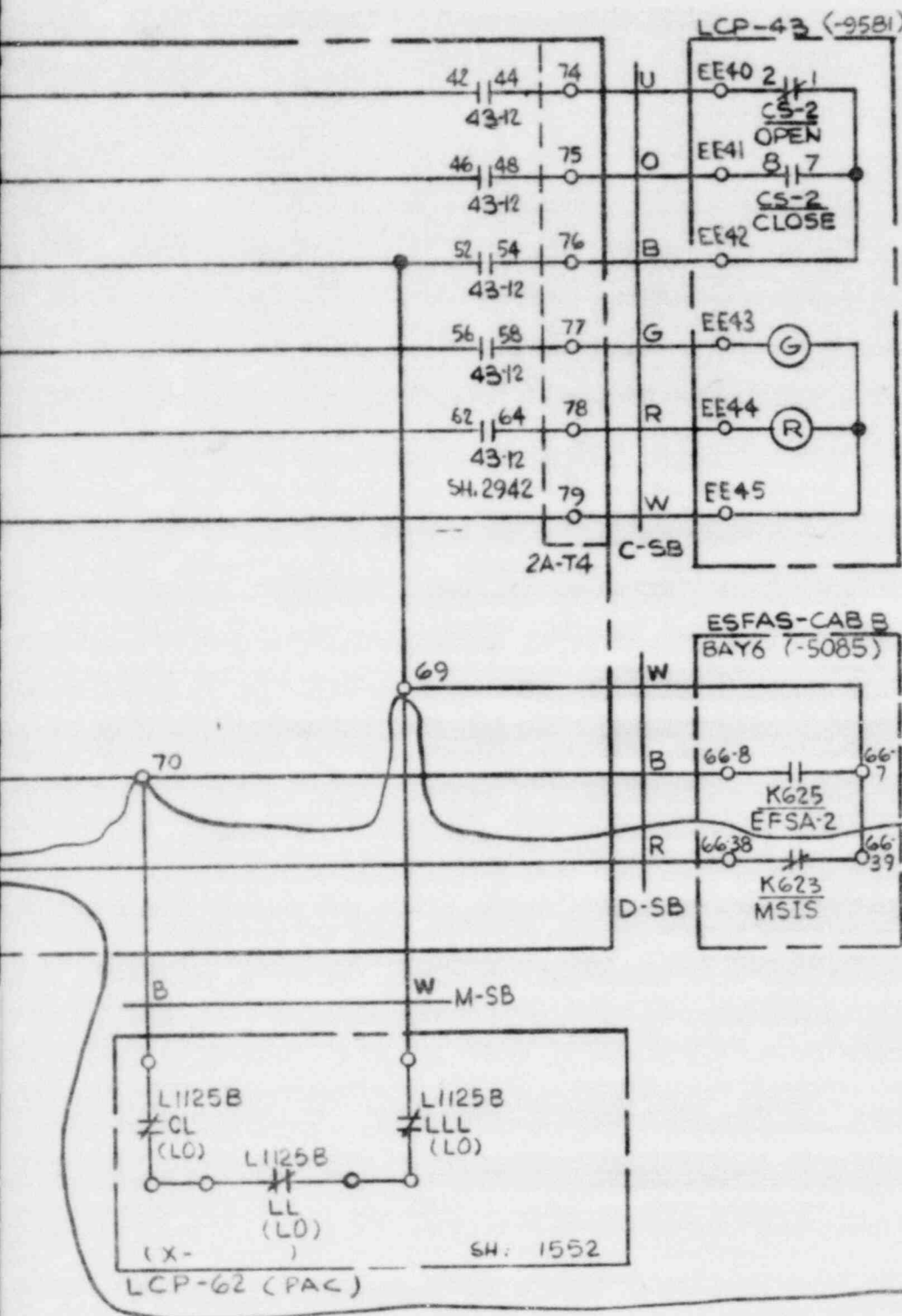
SG 2 EMERG FEEDWTR  
ISOL VA'A

EBASCO SERVICES INCORPORATED DIV. I & C DR. VZ CH. MAZIEMSKI DATE: DEC 3, 1976		LOUISIANA POWER & LIGHT CO. WATERFORD S. E. S. UNIT No. 3 CONTROL WIRING DIAGRAM SG NO. 2 EMERG FW ISOLATION VA 2FW-VB49A	LOU-1564 B-424 SHEET 1543S
APPROVED: <i>[Signature]</i> DATE: DEC 3, 1976			



(G-153-2)

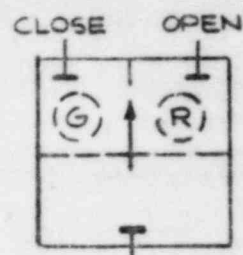
INCHES



CS-1, CS-2

CONTACTS	POSITION			CWD SH.
	9	12	3	
1-2	X	X		*
3-4			X	
5-6		X	X	
7-8	X			*

TYPE CMC \* THIS SHEET  
SPRING RETURN TO NORMAL



SG2 EMERG FEEDWTR  
150L VA 'B'

DIV. I & C DR. VZ CH. MAZIEMSKI DATE DEC 3, 1976		APPROVED <i>[Signature]</i> W. J. A. C. 013		LOUISIANA POWER & LIGHT CO. WATERFORD S.E.S. UNIT No.3 CONTROL WIRING DIAGRAM SG NO2 EMERG FW ISOLATION VA 2FW-V850B		LOU-1564 B-424 SHEET 15495	
--	--	---	--	--	--	----------------------------------	--



RTGB-CPB



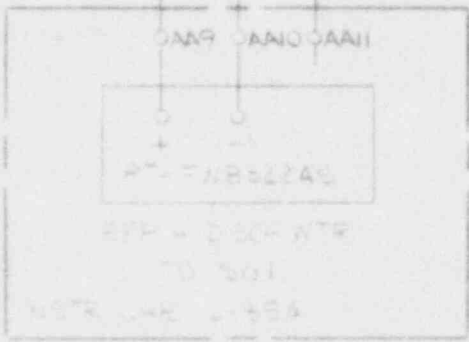
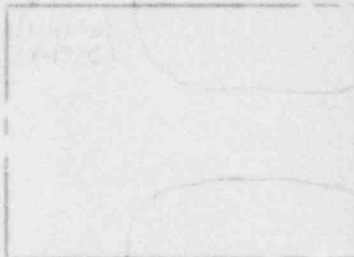
CP-42



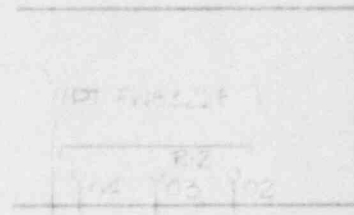
RTGB-CPB



CP-45



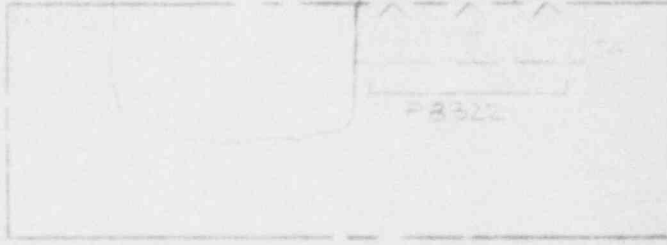
MSX CKB RA0708



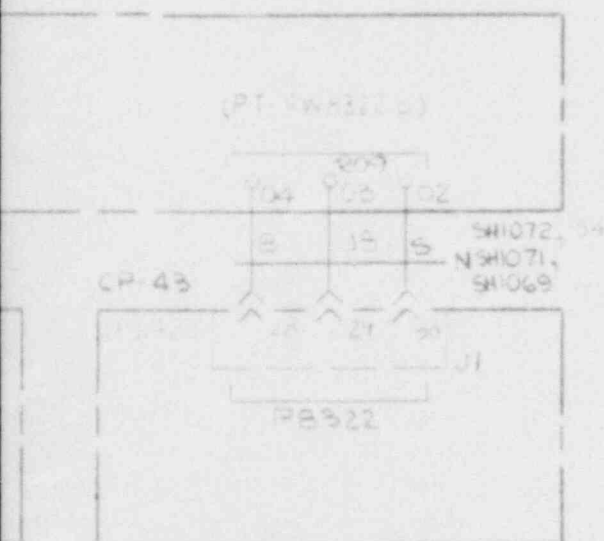
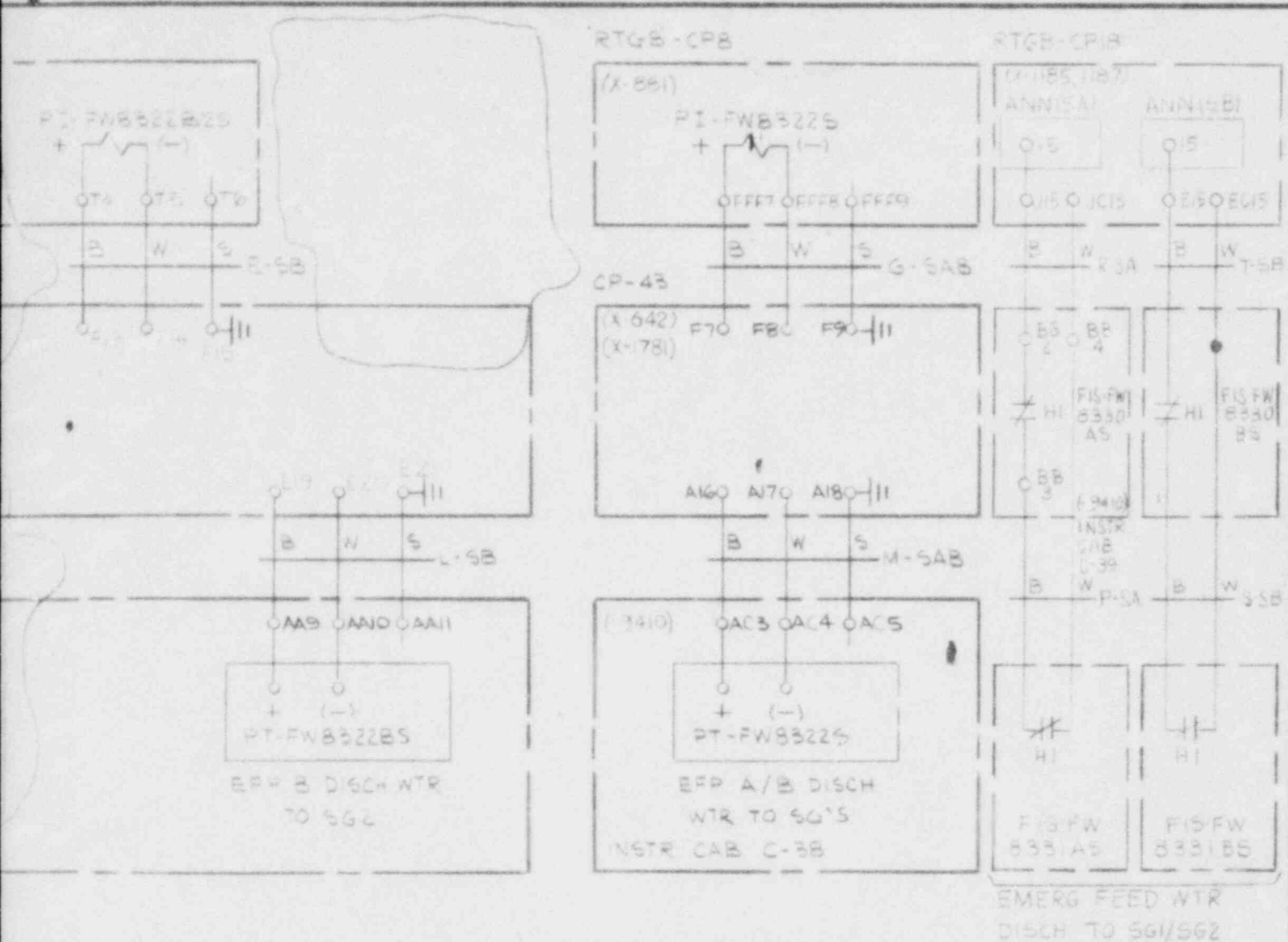
CP-42



CP-45



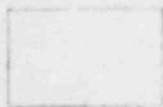
6	1/2	1/2	1/2	4	1/2	1/2	1/2
7	1/2	1/2	1/2	3	1/2	1/2	1/2
6	1/2	1/2	1/2	2	1/2	1/2	1/2
5	1/2	1/2	1/2	1	1/2	1/2	1/2
REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED



RTGB-CP8

(X-861)

HIC-FW8331AIS

A-SA  
SEE NOTE

LCP-43

(-9571)

HIC-FW8331AIS-1

B-SA  
SEE NOTE

ESFAS-CAB. A

BAY 2  
(-2410)K211  
EFAS-I

27-704 27-705

B W C-SA

BAY 7

K723  
MSIS

77-25 77-26

B W

K724  
EFAS-I

77-29 77-30

R G

(-5085)

K724  
EFAS-I

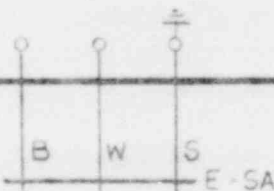
77-31 77-32

O U

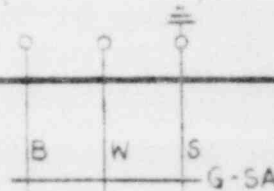
D-

LCP-61 (PAC)  
SH 1509, 1546

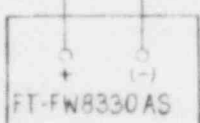
FR330A

B W S  
E-SA

L1115A

B W S  
G-SAB W  
J-SA

(-9410) AC3 AC4 AC5



E/FW TO SG NO.1

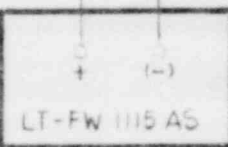
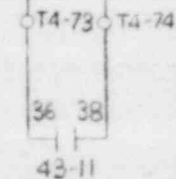
INSTR CAB C-39

E/P

CONTR VA  
2FW-V852A

148 X16 X17 X18

148 X 16 17 18

B W S  
H-SASG.#1 LEVEL  
(WIDE RANGE)SH.2941  
(X-1369)

AUX. PNL 1A

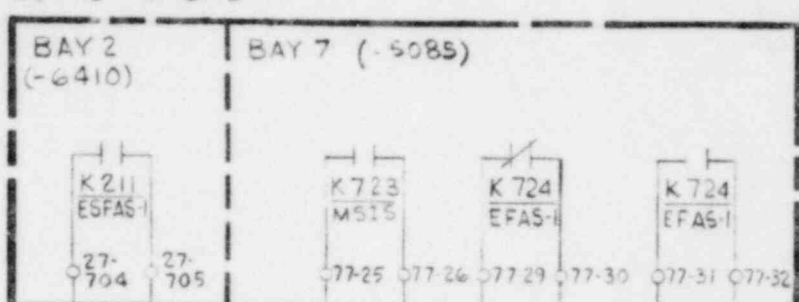
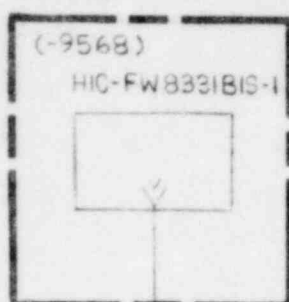
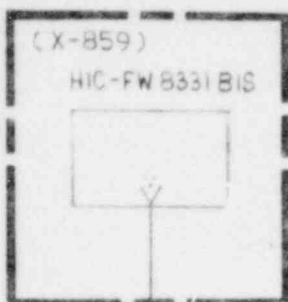
8				4			
7				3			
6				2			
5				Δ	12.1.81	TM	LWA
REV	DATE	BY	APPROVED	REV	DATE	BY	AP

0 1 2  
INCHES  
CM

RTGB-CP8

LCP-43

ESFAS-CAB. B

L-SB  
SEE NOTEM-SB  
SEE NOTE

B      W      N-SB

B      W      R      G      O      U      P-SB

LCP-62 (PAC)  
SH. 1509, 1547

L III5 B

SG. NO. 1

SG. NO. 2

B      W      S      R-SB

B      W      S      S-SB

B      W      U-SB

B      W      R      G      V-SB

119  
14 X16 X17 X18  
119  
X 16 17 18

B      W      S      T-SB

LT-FW III5 BS  
S.G. #1 LEVEL  
(WIDE RANGE)

SH. 2942  
(X-1473)

AUX. PNL 2A

BAY 4 (-6410)

ESFAS-CAB. B

NOTE :

32 COND. SHIELD FOR INDIVIDUAL WIRE  
TERMINATIONS SEE SH. XLIII

EBASCO SERVICES INCORPORATED

DIV I &amp; C DR T.M.

CH S. LIN

DATE OCT 30, 1981

APPROVED

B. Friedrichs

W. J. H. H.

LOUISIANA POWER & LIGHT CO.  
WATERFORD S.E.S. UNIT No. 3  
CONTROL WIRING DIAGRAMSG. NO. 1 EMERG. FW CONTROL VA'S  
2FW-852A & 2FW-851B

LOU-1564

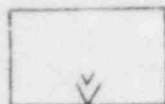
B-424

SHEET 1551S

RTGB-CP8

(X-859)

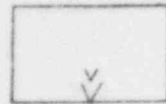
HIC-FW8331 B2S

A-SB  
SEE NOTE

LCP-43

(-9568)

HIC-FW8331 B2S-1

B-SB  
SEE NOTE

ESFAS - CAB. B

BAY 3  
(-6410)

36-673 36-674

B W C-SB

BAY 7



(-5085)

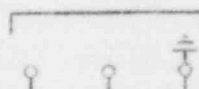


77-1 77-2 76-18 76-19 76-20 76-21

B W R G O U D-S

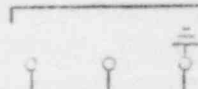
LCP-62 (PAC)  
SH 1525, 1549

F 8330 B



B W S E-SB

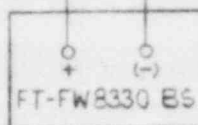
L 1125 B



B W S G-SB

B W J-SB

(-9409) AB3 AB4 AB5



EFW TO SG NO.2

INSTR CAB. C-35B

B W S F-SB

+ (-)

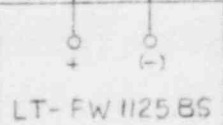
E/P

CONTR VA  
2FW-V854B

119 14 X19 X20 X21

119 X 19 20 21

B W S H-SB

SG. #2 LEVEL  
(WIDE RANGE)

T4-80 T4-81

66 68  
43-12SH. 2942  
(X-1473)

AUX. PNL 2A

8					4				
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6					2				
5					1	12.1.81	TM	WPL	
REV	DATE	BY	APPROVED		REV	DATE	BY	AP	

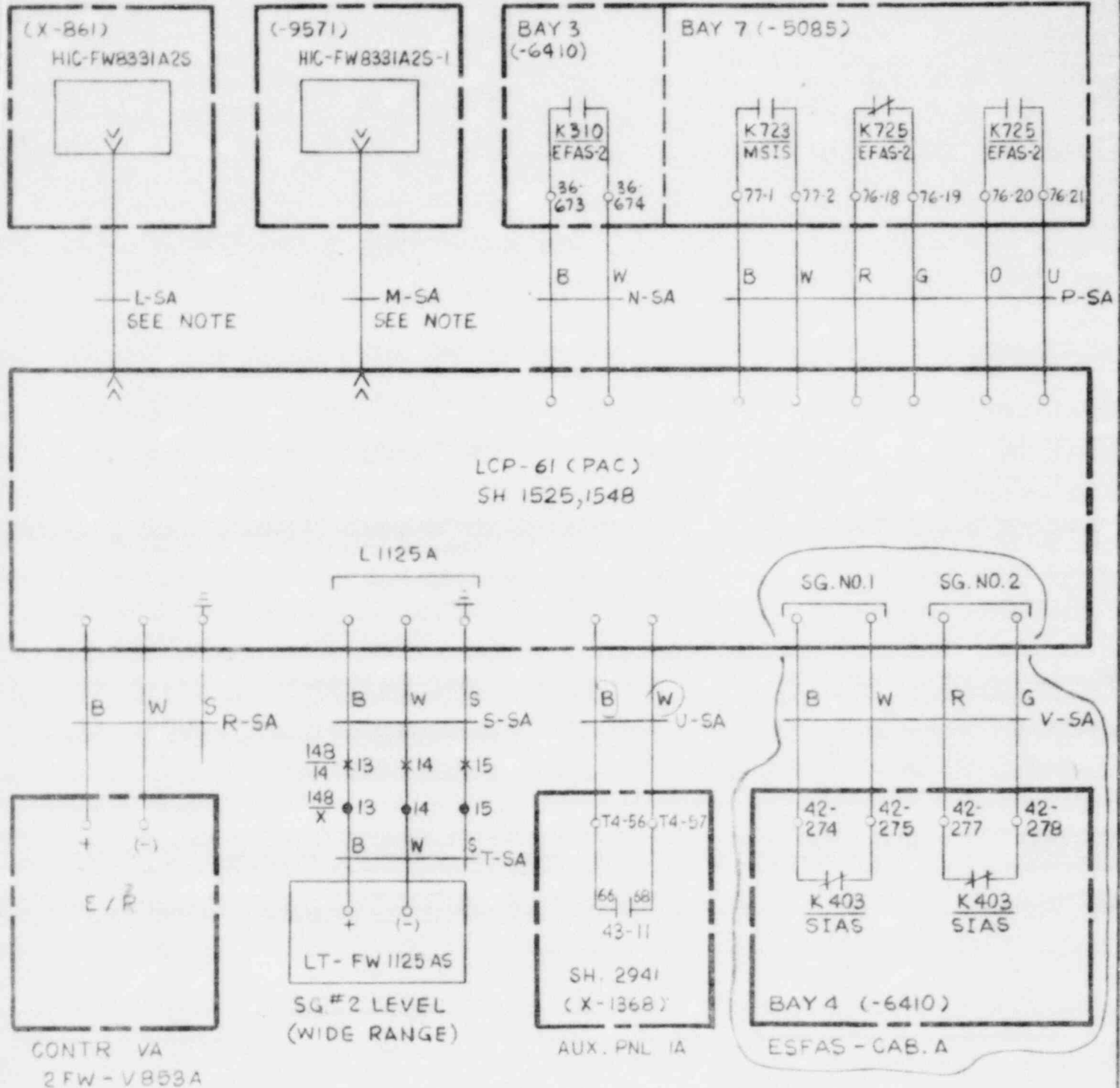
INCHES 0 1 2



RTGB-CP8

LCP-43

ESFAS-CAB. A



NOTE :

32 COND. SHIELD FOR INDIVIDUAL WIRE  
TERMINATIONS SEE SH. XLIII

EBASCO SERVICES INCORPORATED

DIV I &amp; C DR T.M.

CH S.LIN

DATE OCT 30, 1981

APPROVED

P. Fredrickson

WH PL MB

LOUISIANA POWER & LIGHT CO.  
WATERFORD S.E.S. UNIT No.3  
CONTROL WIRING DIAGRAM

SG NO.2 EMERG FW CONTROL VA'S  
2FW-853A & 2FW-854B

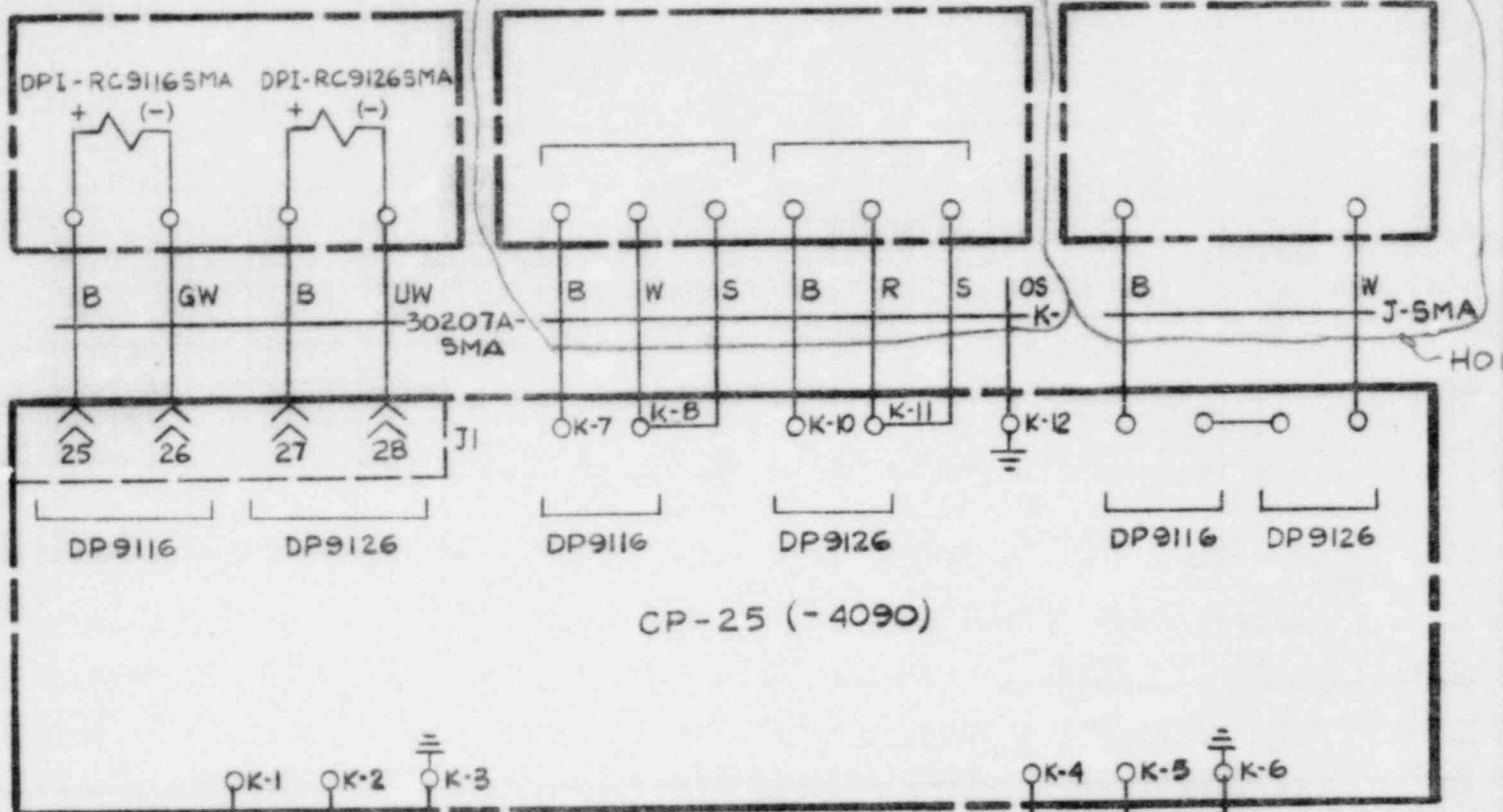
LOU-1564

B-424

SHEET 1552S

RTGB - CP 7 NOT RELEASED MUX CAB

CP-10



DP9116

DP9126

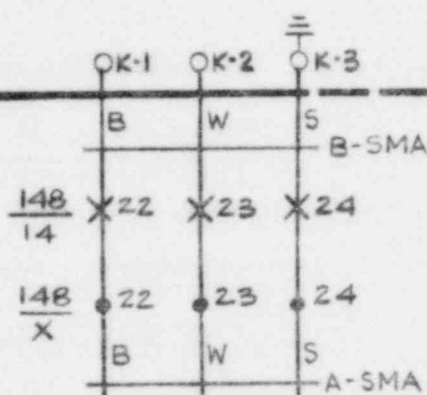
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DP9126

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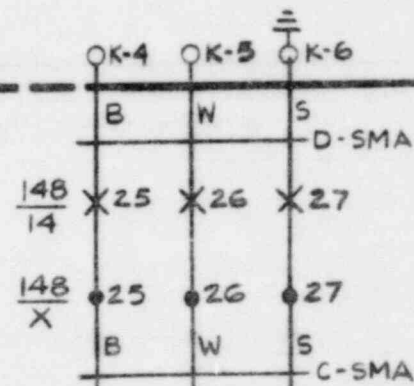
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CP-25 (-4090)



DPT-RC9116SMA

STM GEN NO.1  
DIFF PRESS



DPT-RC9126SMA

STM GEN NO.2  
DIFF PRESS

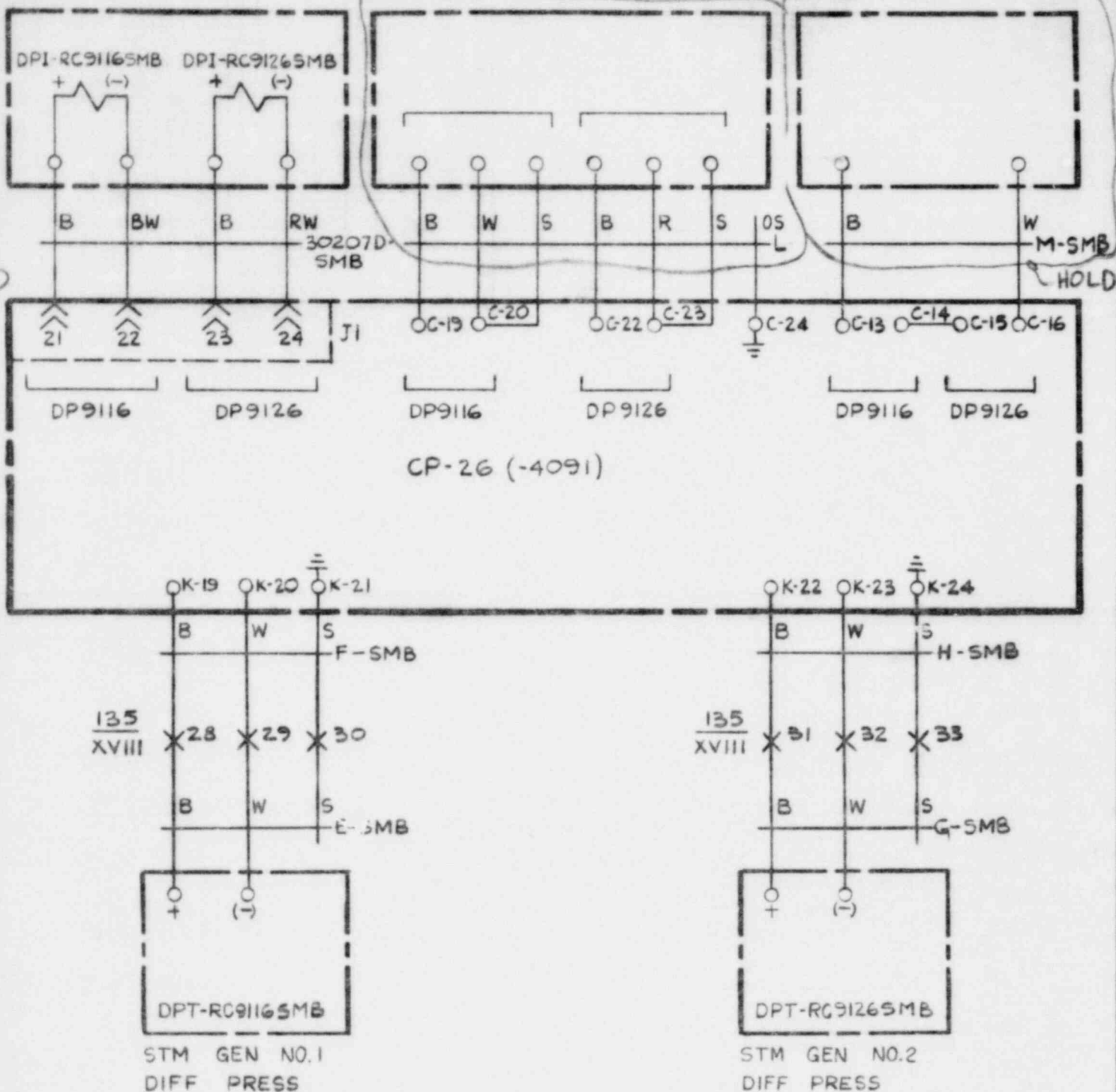
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REV	DATE	BY	APPROVED		REV	DATE	BY	APPROVED	

INCHES  
CM.

RTGB-CP7

MUX CAB

CP-10



EBASCO SERVICES INCORPORATED

DIV I&amp;C DR DL

APPROVED

CH S. LIN

DATE

LOUISIANA POWER & LIGHT CO.  
WATERFORD S.E.S. UNIT No.3  
CONTROL WIRING DIAGRAM

REACTOR COOLANT FLOW MONITOR SH.1

LOU-1564  
B-424

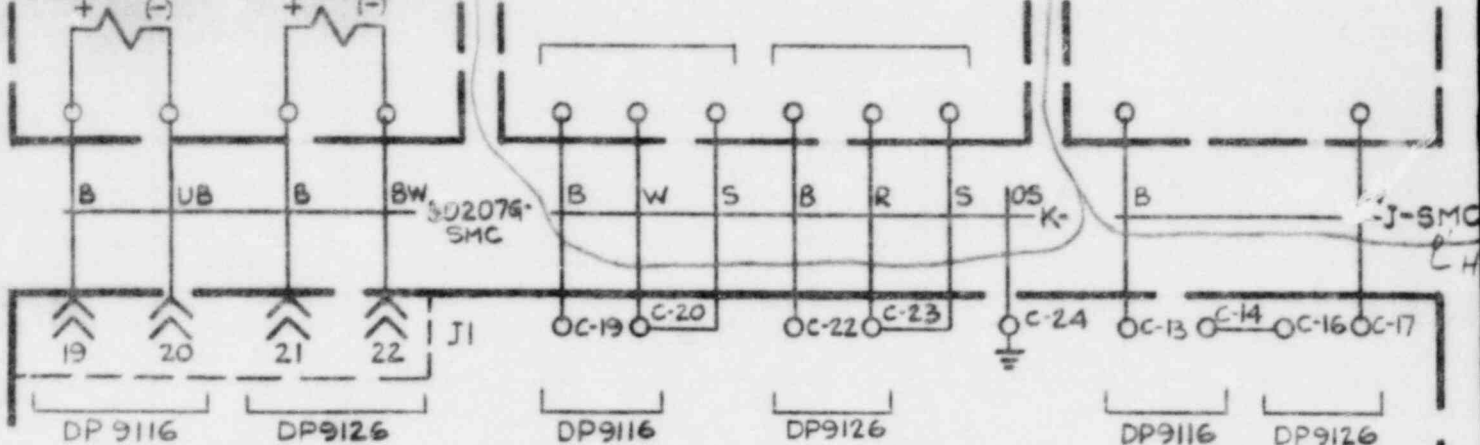
SHEET 29515

KTGB-CP7

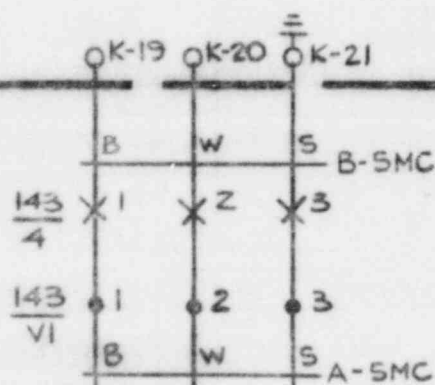
MUX. CAB

CP-10

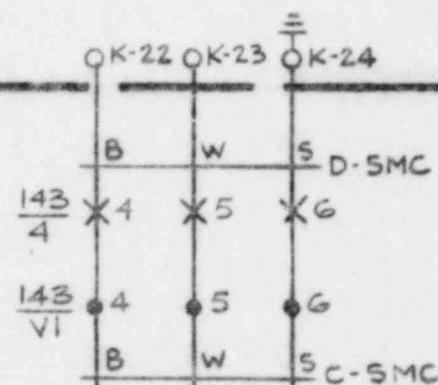
DPI-RC9116SMC DPI-RC9126SMC



CP-27 (-4092)



DPT-RC9116SMC

STM GEN NO.1  
DIFF PRESS

DPT-RC9126SMC

STM GEN NO.2  
DIFF PRESS

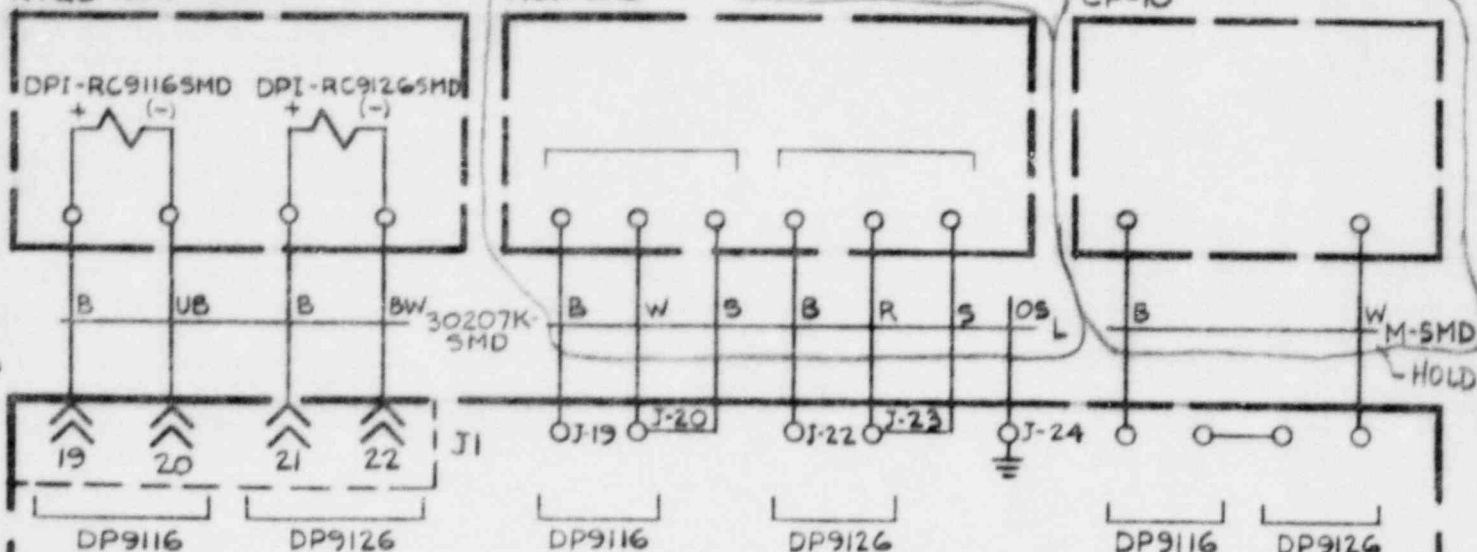
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REV	DATE	BY	APPROVED		REV	DATE	BY	AP	

INCHES  
CM.

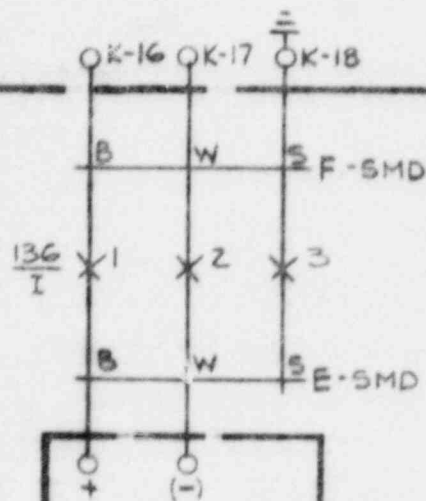
RTGB-CP7

MUX. CAB

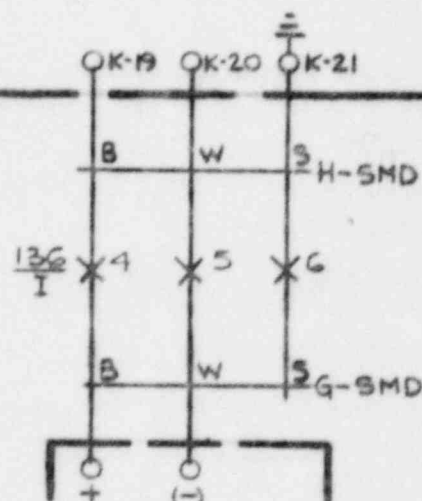
CP-10



CP-28 (-4093)



DPT-RC9116SMD

STM GEN NO.1  
DIFF PRESS

DPT-RC9126SMD

STM GEN NO.2  
DIFF PRESS

NOTE:  
FOR ALL PLUG TERMINATIONS  
SEE SH. XLIII.

EBASCO SERVICES INCORPORATED

DIV I&amp;C DR DL

APPROVED

CH S. LIN

DATE

LOUISIANA POWER & LIGHT CO.  
WATERFORD S. E. S. UNIT No.3  
CONTROL WIRING DIAGRAM

REACTOR COOLANT FLOW MONITOR SH2

LOU-1564

B-424

SHEET 29523