

INFORMATION
THIS DOCUMENT IS
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TO ANN. CP001
WINDOW #8-9 (M.I.)
CCW TRAIN A VALV.
OVERLOAD
VIA ISOL. DEVICE #DA6924A

49x

27

BYPASS STATUS IN OP.
PANEL WINDOW #12
"CCW HX 'A' BYPASS VALVE"
VIA ISOL. DEVICE #JAG924B

33
16

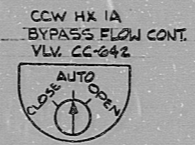
ESF STATUS MONITORING
PANEL WINDOW #12
"CCW HX 'A' BYPASS VALVE"
NOT FULL CLOSED
VIA ISOL. DEVICE #DA6924C

33
6

COMPUTER P.T.
#D4808
V.L.V. CC642 CLOSED
VIA ISOL. DEVICE #DA6924D

BLOCK	CONTACT	POSITION			USE
		CLOSE	AUTO	OPEN	
A	NC (1)	X			CONT
	NO (2)			X	CONT
B	NC (3)	X			SP
	NO (4)			X	SP

SPRING RETURN TO AUTO
X DENOTES CONTACTS CLOSED
CE. CAT. #CR2940US203A



CONTACT	VALVE POSITION		USE
	CLOSE	OPEN	
1			THIS DWG
2			SPARE
3			THIS DWG
4			THIS DWG
5			THIS DWG
6			THIS DWG
7			THIS DWG
8			THIS DWG
9			SPARE
10			SPARE
11			SPARE
12			SPARE
13			SPARE
14			SPARE
15			SPARE
16			THIS DWG
17			OPENS ON MECH. OVERLOAD ON CLOSING THIS DWG
18			OPENS ON MECH. OVERLOAD ON OPENING THIS DWG

DENOTES CONTACT CLOSED.

BROWN & ROOT, INC.
JUL 22 1979
STP - EDCC

REFERENCE DRAWINGS

0-E-0105 - ELECTRICAL WIRING STANDARDS
(SYMBOLS)

1-2-3181 - CCW HX THROTTLE # BYPASS VALVES

SH. 15 - LOGIC DIAGRAM

1-E-4924 - CONTROL WIRING DIAGRAM
CCW HX 'A' BYPASS VALVE CC642

LEGEND

27 - CONTROL POWER NOT AVAILABLE

IRROO2 - SOLID STATE PROTECTION ACTUATION
CABINET TRAIN 'A'
480V MCCBIAZ COMPT. FI

NOTES

1 CONTACTS CHANGE ON SAFETY INJECTION SIGNAL

MECH. EQUIP # 3420ITCC642

NUCLEAR SAFETY RELATED
CLASS IE

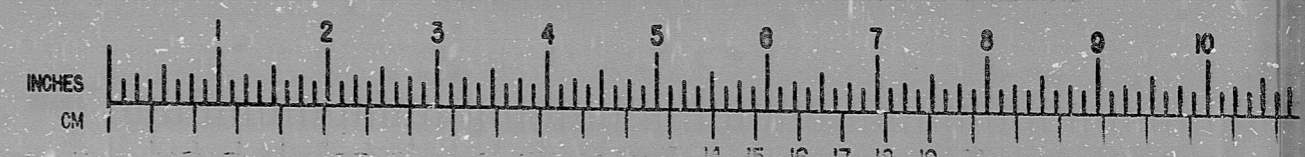
PKG: 038A SUFF: 102 ACT: 581

DRAWING TITLE: ELECTRICAL ELEMENTARY DIAGRAM
CCW HX 'A' BYPASS VALVE CC642

CONTRACT NO. SCALE: CR-0241 NONE
DRAWING NO. 4-R-20
1-E-4924-C

NO.	DATE	DESCRIPTION	BY	CHK	PROJ. ENGR.	PROJ. MGR.	DATE	DESCRIPTION	BY	CHK	PROJ. ENGR.	PROJ. MGR.
C	7/22/79	REVISED, ISSUED FOR USE	RLG	RLG								
B	7/11/79	ISSUED FOR USE	DB	DB								
A	7/11/79	ISSUED FOR REVIEW (COMMENT)	RW	DB								

BROWN & ROOT INC.
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