

REFERENCE DRAWINGS:
 0-E-0105 - ELECTRICAL WIRING STANDARDS & SYMBOLS
 1-Z-3132 - CCW RC PUMPS CONTAINMENT ISOLATION SHT 4 LOGIC DIAGRAM
 1-E-6911 - CCW RC PUMPS CONTAINMENT ISOLATION VALVE FV4493 CONTROL WIRING DIAGRAM

LEGEND:
 [Symbol] - TERMINATION CABINET
 [Symbol] - AUXILIARY RELAY CABINET
 IRR-002-SOLID STATE PROTECTION TRAIN "A" CAB.
 20/FY4493-CCW RC PUMPS CONTAINMENT ISOLATION SOLENOID VALVE

NOTES:
 1. VALVE FAILS CLOSED
 2. CONTACT CLOSING ON CONTAINMENT ISOL PHASE B

NUCLEAR SAFETY RELATED CLASS 1E		
PKG: 052A	SUFF: 102	ACT: 581
DRAWING TITLE ELECTRICAL	CONTRACT NO CR-0241	SCALE NONE
CONTROL WIRING DIAGRAM	DRAWING NO 4-R-20	
CCW RC PUMPS CONTAINMENT ISOLATION VALVE FV-4493	1-E-6911-O-SH.1	

FV-4493-O (TRN "A")

CONTACT	VALVE POSITION	USE
	CLOSE	OPEN
20		SP
50		GRN. LT.
20		SP
00		SP

0% 100%

FV-4493-C (TRN "A")

CONTACT	VALVE POSITION	USE
	CLOSE	OPEN
20		RED LT.
00		SP
20		CONT
00		SP

0% 100%

CS-MB (15 17)

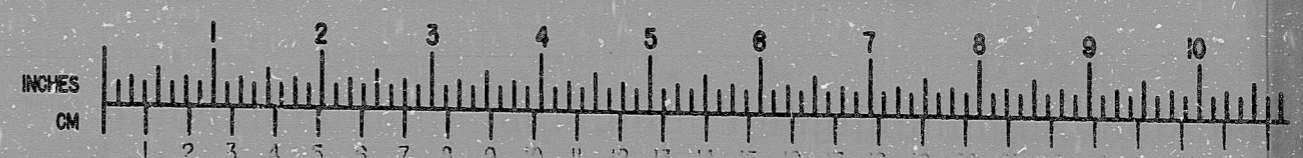
BLOCK	CONTACT	POSITION	USE
		CLOSE	OPEN
A	NO (1)	X	SP
	NO (2)		X CONT
B	NC (3)	X	SP
	NO (4)		X SP

MAINTAINED CONTACT
 X-DENOTES CONTACT CLOSED
 G.E. CAT. NO. CR2340UB203A

DATE	DESCRIPTION	BY	CHK	ENG	MGR	PROJ	DIR	DATE	DESCRIPTION	BY	CHK	ENG	MGR	PROJ	DIR	DATE

SOUTH TEXAS PROJECT
 Brown & Root Inc.
 ENGINEERS-CONSTRUCTORS
 HOUSTON, TEXAS

BROWN & ROOT INC.
 MICROFILM SERVICES



THURSDAY, JUNE 12 1980

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TERA APERTURE CARD

MICROFILMED JUN 2 1980

851

101

171

11
178

8.5"

11"

17"

RIPS

8112100426

