



CONTACTS		OPERATOR	
		END	
ODD	EVEN	ALT	NORMAL
010	010	1	X
010	010	2	X
010	010	3	X
010	010	4	X

CONTACT DIAGRAM CS-A, CS-B

- NOTES:
- THE REACTOR PROTECTION 120V AC POWER SYSTEM IS NOT A CLASS I.E. POWER SUPPLY. THE CIRCUIT PROTECTORS, DISTRIBUTION PANELS, 120V POWER CABLES AND CONTROL CABLES ARE QUALIFIED CLASS I.E. THE MG SETS AND UNIT PREFERRED TRANSFORMER ARE NOT QUALIFIED TO CLASS I.E. REQUIREMENTS.
 - FOR REFERENCE SEE THE FOLLOWING DRAWINGS SUPPLIED ON CONTRACT 66-98744: 3300815A-368----- MG SET ELEMENTARY/CONNECTION DIAGRAM 750537727----- BATTERY BOARD
 - ALL DEVICES HAVE LOCATIONS INDICATED BY ENCLOSURE OR BY SYMBOL.

SYMBOLS:
 + ---- DEVICE MTD ON 480V MOTOR CONTROL CENTER
 B ---- DEVICE MTD ON BATTERY BOARD
 [---- DEVICE MTD LOCALLY AT EQUIPMENT
 NA ---- NON-AUTOMATIC

- REFERENCE DRAWINGS:
 45W710-1,2,3,4,5 ----- 1 & C PWR SYS KEY DIAGRAM
 45W701-1,2 ----- BATTERY BD 1 SINGLE LINES
 45W702-1,2,3 ----- BATTERY BD 2 SINGLE LINES
 45W702-4 ----- BATTERY BD 3 SINGLE LINES
 45W703-1,2 ----- BATTERY BD 3 SINGLE LINES
 45W703-3 ----- BATTERY BDS, CHARGERS, & MG SET CONNECTION DIAG.

COMPANION DRAWINGS:
 45N41-1,2,4,5

TI APERTURE CARD

50-259
 8/9/84
 8408140375

2	PO422	2-27-84	DM	CDL	MAL	SM	WPK	J	W	W	W	W	W	W	W
INCORPORATED FROM 1802		CHGD BY: 1802 10/1/84 TO 1802 TO 3 POLS													
REV	ECN NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY									
DESIGN	J.R. Keller										INSP				
CHKD	J.R. Keller										ENGINEER				
SUPV	J.R. Keller														
SCALE: NTS		EXCEPT AS NOTED													
POWERHOUSE UNIT I															
WIRING DIAGRAMS INSTR & CONTROLS POWER SYS SCHEMATIC DIAGRAM SH-3															
BROWNS FERRY NUCLEAR PLANT TENNESSEE VALLEY AUTHORITY DIVISION OF ENGINEERING DESIGN															
SUBMITTED		RECOMMENDED		APPROVED											
J.R. Keller		R.K. Hill		J.R. Keller											
FURTHER REVIEWED		NO													
E.E.B. E.W. Chandler		KNOXVILLE 8-19-81		67 E		45W641-3		R2							
PRINT		RECORD DRAWING AS CONSTRUCTED													
SIZE		F													
PRINTS REC'D		1													

RD ISSUED FOR ECN PO422
 EEB E.W. Chandler/1802
 PRINTS REC'D

8408140378