NEWFAX 3/85 N58313

ED 7489

WIRING DIAGRAM

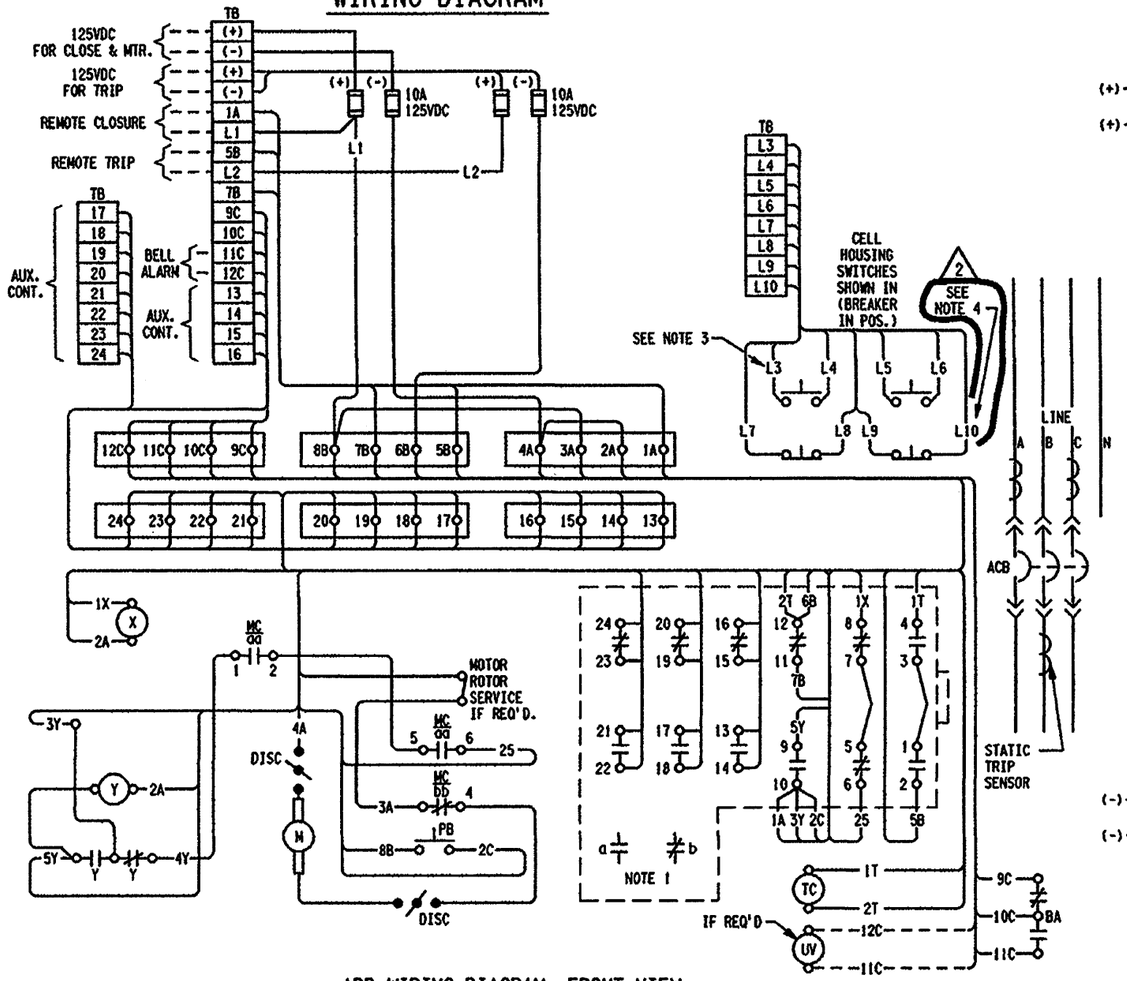

ABB WIRING DIAGRAM, FRONT VIEW

SCHEME

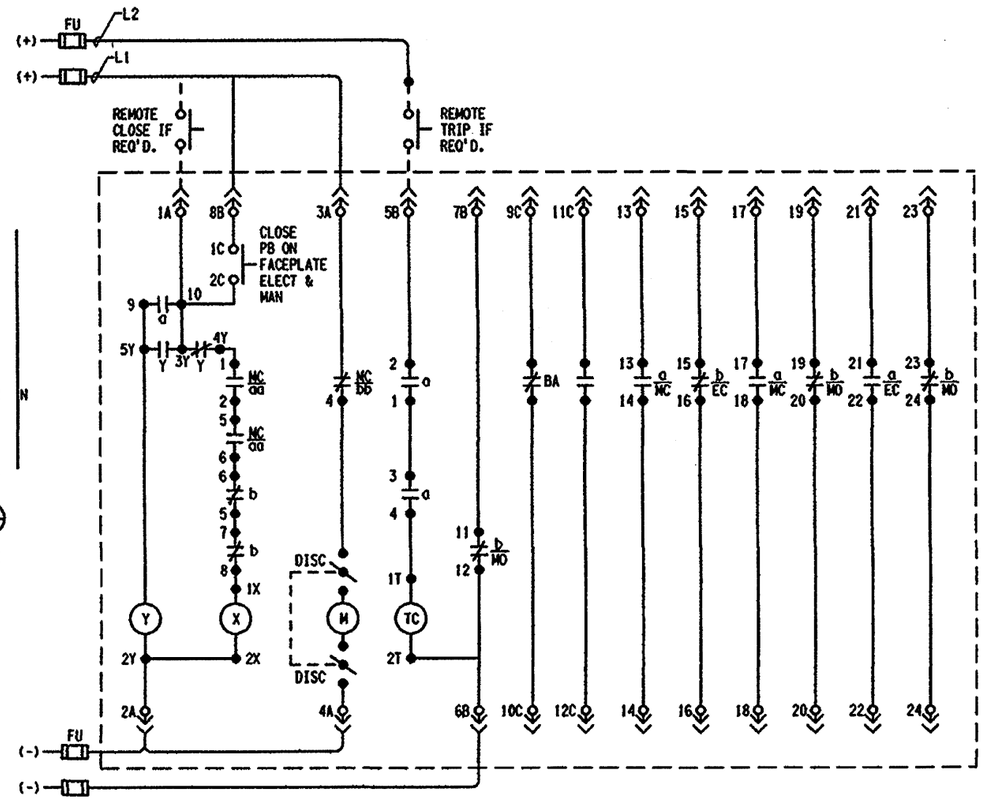

ABB BREAKER SCHEME SHOWN IN TRIP POSITION & WITH CLOSING MECHANISM SPRING DISCHARGED

LEGEND:

BA	BELL ALARM OPERATES ON FAULT OR OVERCURRENT, MANUAL RESET
TC	TRIP COIL
UV	UNDERVOLTAGE RELAY
X	CLOSING RELEASE COIL
Y	ANTI PUMP RELAY
M	SPRING CHARGING MOTOR
MC/aa	N.O. MOTOR CUTOFF SWITCH
MC/bb	N.C. MOTOR CUTOFF SWITCH
a	N.O. AUX. SW. CONTACT
b	N.C. AUX. SW. CONTACT
PB	CLOSE PUSHBUTTON ON BKR FACEPLATE
DISC	MOTOR DISCONNECT SWITCH

NOTES:

1. TWO SPARE AUX CONTACTS ARE NOT WIRED.
2. INFORMATION PROVIDED IN THIS DRAWING IS BASED ON VENDOR DRAWING 7749-E-27-9-3.
3. CELL SWITCH L3/L4 IN BCE5 AND BF517 ONLY.
4. CELL SWITCH L9/L10 IN BDF5 AND BF517 ONLY.

NO.	DATE	REVISIONS
2	11/22/06	INC. DCN E-30B-134 PER ECR 05-0174-00
1	7-11-05	INC. DCN'S: E-30B-133 & 135 PER ECR 05-0174-00
0	8-13-03	ISSUED FOR EWR 01-0264-00

BY	CH'K	ENGR.	ENGR. SUPV.	GEN. SUPV.
SBH	gyb	INITIALS ON FILE	INITIALS ON FILE	

SCALE NONE	DESIGNED	DRAWN JOR	DATE 07-10-03

DAVIS-BESSE NUCLEAR POWER STATION
UNIT NO. 1

LIGHTING PANEL
BREAKERS BCE5, BDF5 & BF517
SCHEME & INTERNAL WIRING DIAGRAM

DRAWING NO.	REV.
E-30B SH. 16B	2

DB 10-20-06

DFN=F:/SCHEME/E30BS16B.DGN