

A
B
C
D
E
F
G

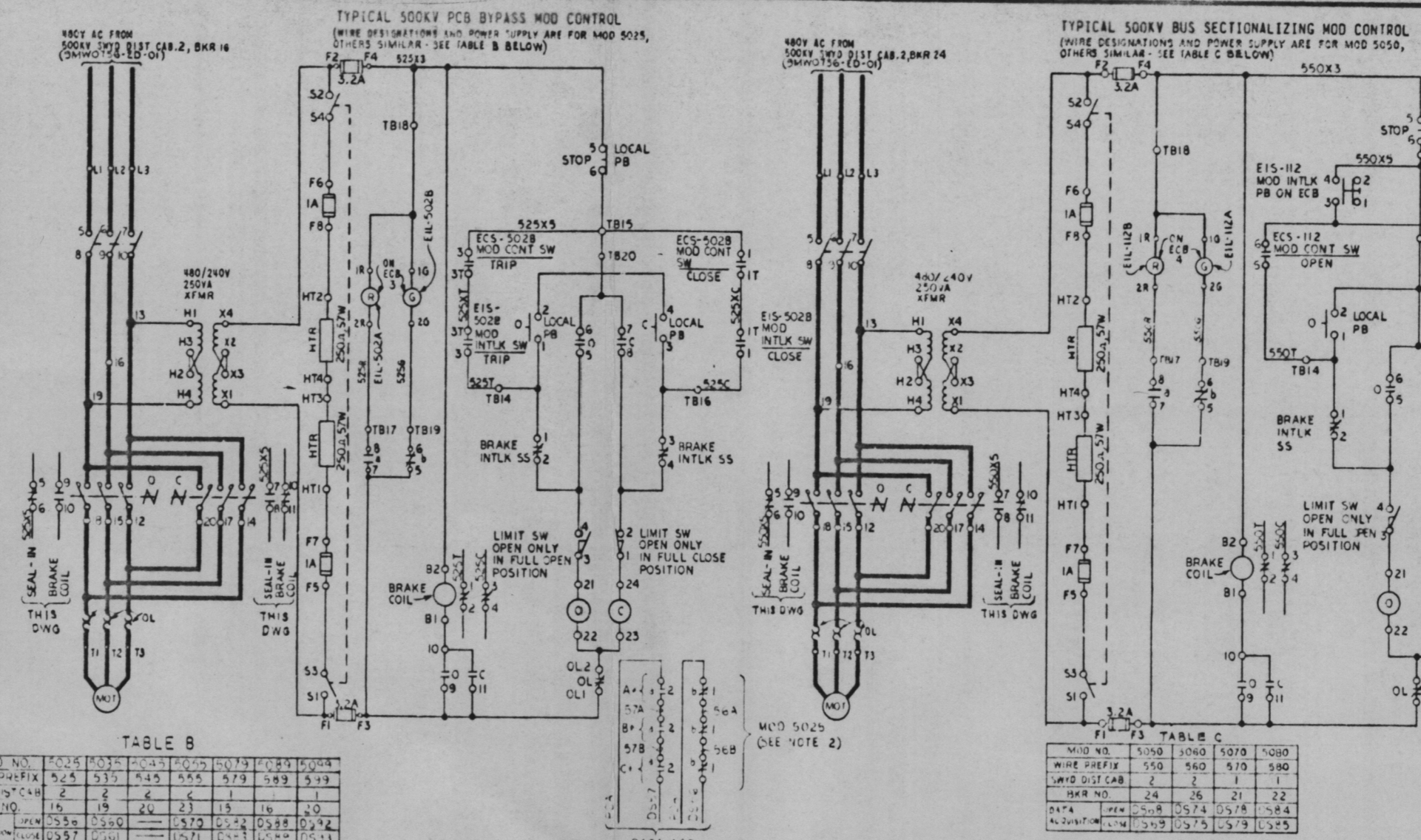


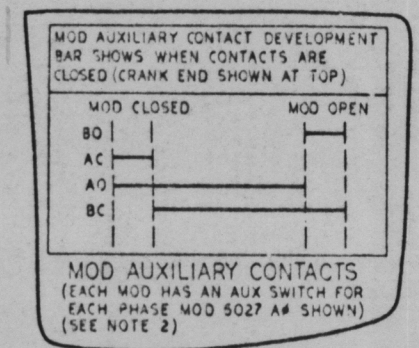
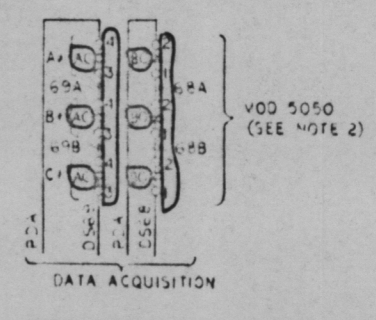
TABLE B

MOD NO.	5025	5026	5027	5028	5029	5030	5031	5032	5033
WIRE PREFIX	525	537	545	555	579	589	599	599	599
SWD DIST CAB	2	2	2	2	1	1	1	1	1
BKR NO.	16	19	20	23	15	16	20	20	20
DATA ACQ	555	550	550	550	550	550	550	550	550
DATA ACQ	557	557	557	557	557	557	557	557	557

TABLE C

MOD NO.	5030	5030	5030	5030
WIRE PREFIX	550	560	570	580
SWD DIST CAB	2	2	1	1
BKR NO.	24	26	21	22
DATA ACQ	558	558	558	558
DATA ACQ	558	558	558	558

- NOTES:
- FOR INTERNAL WIRING AND MANUFACTURER DETAILS OF MODS, SEE SOUTHERN STATES DRAWING C-450185 TVA CONTRACT 75C2-85698.
 - THE AUXILIARY SWITCHES SHOWN ARE LOCATED BENEATH THE ROTATING INSULATOR STACKS OF EACH PHASE OF THE DISCONNECT SWITCH AND ARE ADJUSTABLE OVER THE COMPLETE RANGE OF TRAVEL.
 - ALL UNIQUE IDENTIFICATION NUMBERS SHOWN ARE PREFIXED BY "OXE" UNLESS NOTED.



ISOLATING MOD DATA ACQUISITION POINTS (SHOWN FOR MODS 5027 & 5029, SEE TABLE FOR WIRE NUMBERS FOR OTHER MODS)

MODS	OPEN	CLOSE
5027	558	558
5029	558	558
5030	558	558
5031	558	558
5032	558	558
5033	558	558
5034	558	558
5035	558	558
5036	558	558
5037	558	558
5038	558	558
5039	558	558
5040	558	558
5041	558	558
5042	558	558
5043	558	558
5044	558	558
5045	558	558
5046	558	558
5047	558	558
5048	558	558
5049	558	558
5050	558	558

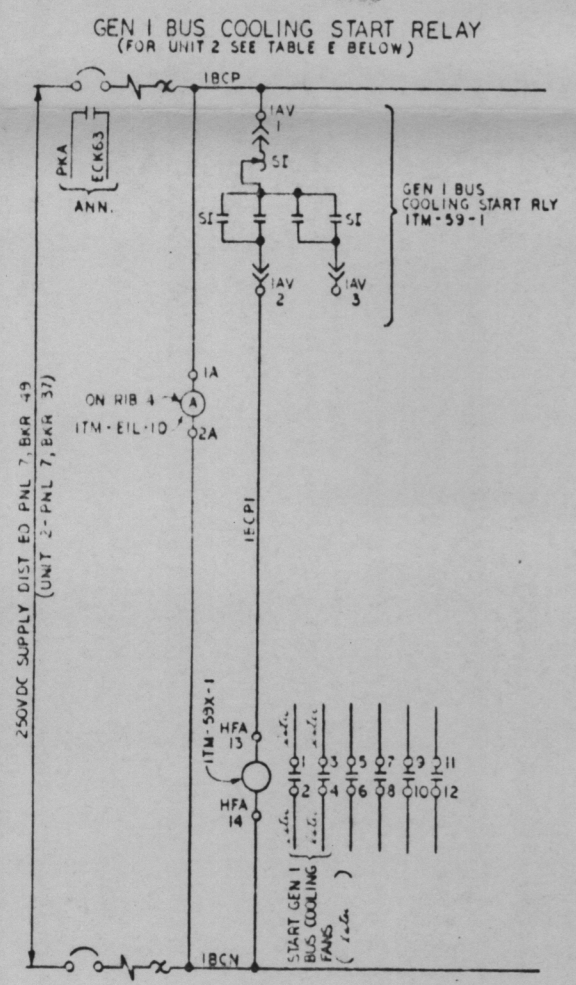


TABLE E

GEN	WIRE PREFIX	CONTROL CIRCUIT WIRE NUMBERS
1	18C	18C1, 18C2, 18C3, 18C4, 18C5, 18C6, 18C7, 18C8, 18C9, 18C10, 18C11, 18C12, 18C13, 18C14, 18C15, 18C16, 18C17, 18C18, 18C19, 18C20, 18C21, 18C22, 18C23, 18C24, 18C25, 18C26, 18C27, 18C28, 18C29, 18C30, 18C31, 18C32, 18C33, 18C34, 18C35, 18C36, 18C37, 18C38, 18C39, 18C40, 18C41, 18C42, 18C43, 18C44, 18C45, 18C46, 18C47, 18C48, 18C49, 18C50, 18C51, 18C52, 18C53, 18C54, 18C55, 18C56, 18C57, 18C58, 18C59, 18C60, 18C61, 18C62, 18C63, 18C64, 18C65, 18C66, 18C67, 18C68, 18C69, 18C70, 18C71, 18C72, 18C73, 18C74, 18C75, 18C76, 18C77, 18C78, 18C79, 18C80, 18C81, 18C82, 18C83, 18C84, 18C85, 18C86, 18C87, 18C88, 18C89, 18C90, 18C91, 18C92, 18C93, 18C94, 18C95, 18C96, 18C97, 18C98, 18C99, 18C100
2	28C	28C1, 28C2, 28C3, 28C4, 28C5, 28C6, 28C7, 28C8, 28C9, 28C10, 28C11, 28C12, 28C13, 28C14, 28C15, 28C16, 28C17, 28C18, 28C19, 28C20, 28C21, 28C22, 28C23, 28C24, 28C25, 28C26, 28C27, 28C28, 28C29, 28C30, 28C31, 28C32, 28C33, 28C34, 28C35, 28C36, 28C37, 28C38, 28C39, 28C40, 28C41, 28C42, 28C43, 28C44, 28C45, 28C46, 28C47, 28C48, 28C49, 28C50, 28C51, 28C52, 28C53, 28C54, 28C55, 28C56, 28C57, 28C58, 28C59, 28C60, 28C61, 28C62, 28C63, 28C64, 28C65, 28C66, 28C67, 28C68, 28C69, 28C70, 28C71, 28C72, 28C73, 28C74, 28C75, 28C76, 28C77, 28C78, 28C79, 28C80, 28C81, 28C82, 28C83, 28C84, 28C85, 28C86, 28C87, 28C88, 28C89, 28C90, 28C91, 28C92, 28C93, 28C94, 28C95, 28C96, 28C97, 28C98, 28C99, 28C100

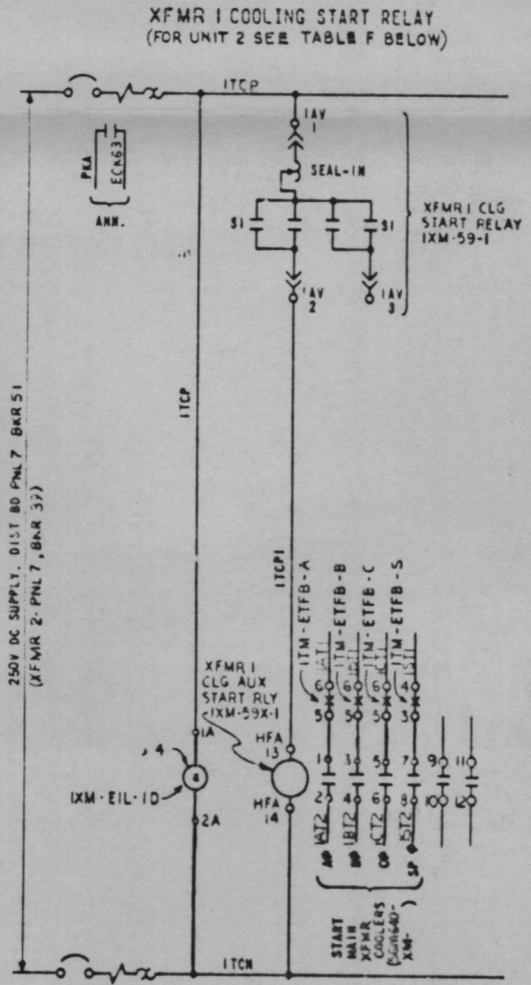


TABLE F

XFMR	XFMR 2 CLG AUX START RLY 2TM-59X-2 CONTACT
BANK 2 A	2AT1, 2TM-ETFB-A, 2AT2
BANK 2 B	2BT1, 2TM-ETFB-B, 2BT2
BANK 2 C	2CT1, 2TM-ETFB-C, 2CT2
SPARE PHASE	2ST1, 2TM-ETFB-S, 2ST2

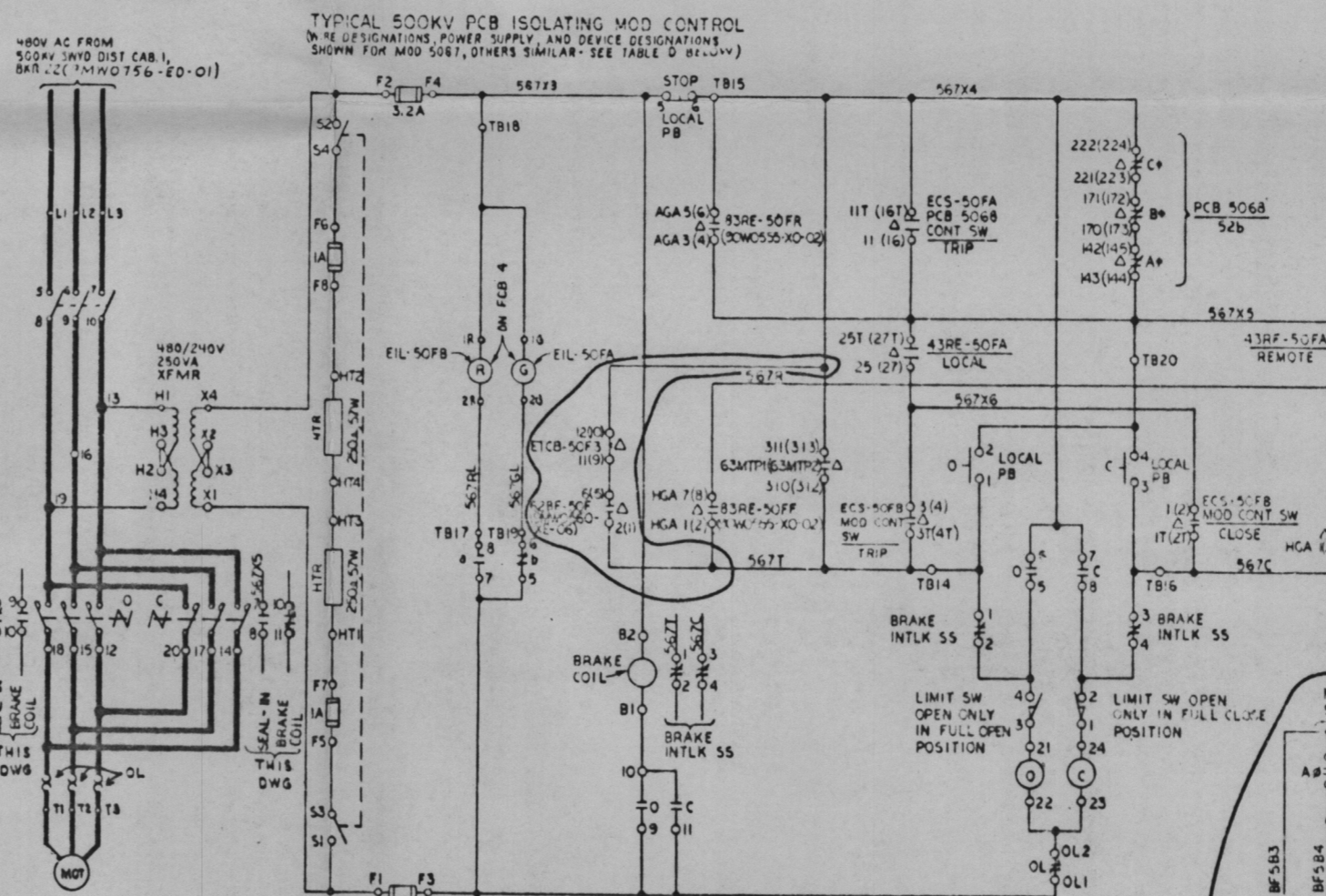
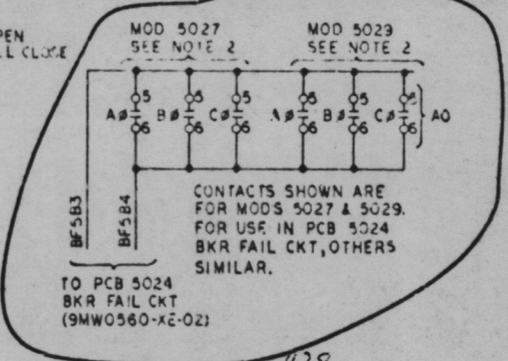


TABLE D

MOD NO.	5027	5029	5037	5039	5047	FUT	5057	5059	5067	5069	5073	5075	5083	5085	5093	5095
WIRE PREFIX	527	529	537	539	547	FUT	557	559	567	569	573	575	583	585	593	595
PCB NO.	5028	5038	5048 (2U1)	5058	5068	5078	5088	5098	5108	5118	5128	5138	5148	5158	5168	5178
SWD DIST CAB	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BKR NO.	14	17	18	21	22	15	14	18	18	18	18	18	18	18	18	18



PRC APERTURE CARD

REV	DATE	BY	CHKD	APPD	REASON
1	8-25-83	W. J. Lennis			REVISE BREAKER FAILURE RELAYING SCHEME
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

CONTROL BUILDING

WIRING DIAGRAM
MISC CONTROL CIRCUITS
A-C AND D-C SCHEMATICS

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

SUBMITTED: Robert F. Hewitt
RECOMMENDED: R. L. Herndon
APPROVED: John E. Holliday

KNOXVILLE 12-29-76 89 9MW0552-XE-01 R1

INSPECTED AND APPROVED FOR ISSUANCE
R. M. H. [Signature]
DESIGN PROJECT MANAGER