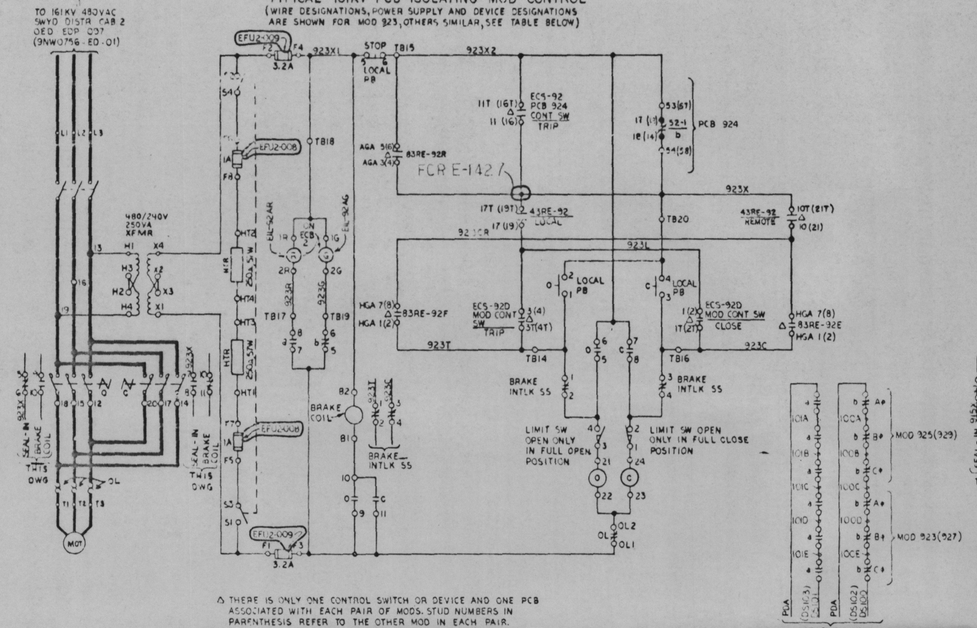
TYPICAL 161KV PCB ISOLATING MOD CONTROL

(WIRE DESIGNATIONS, POWER SUPPLY AND DEVICE DESIGNATIONS ARE SHOWN FOR MOD 923, OTHERS SIMILAR, SEE TABLE BELOW)

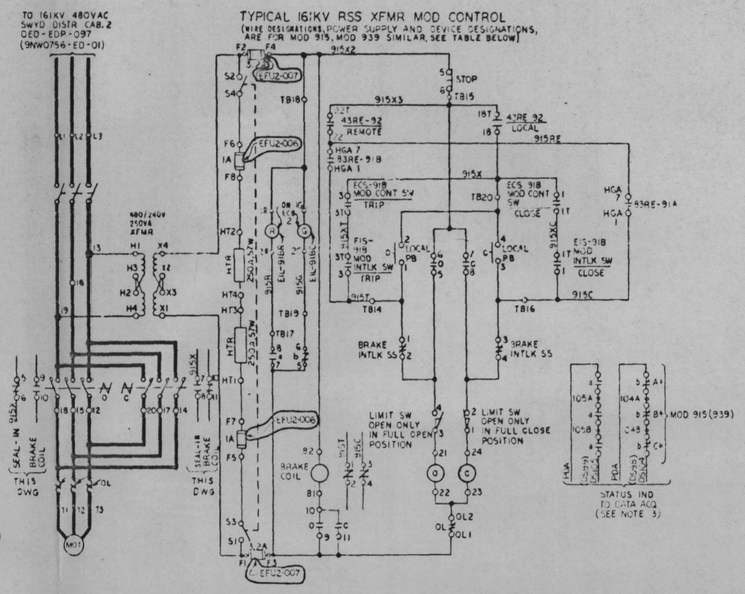


△ THERE IS ONLY ONE CONTROL SWITCH OR DEVICE AND ONE PCB ASSOCIATED WITH EACH PAIR OF MODS. STUD NUMBERS IN PARENTHESIS REFER TO THE OTHER MOD IN EACH PAIR.

MOD NO.	WIRE PREFIX	PCB NO.	SWYD DIST CAB	HTR FUSES/ IDENT NO	COIL FUSES/ IDENT NO
923	923	924	2	EFU2-008	EFU2-009
925	925	924	2	EFU2-010	EFU2-011
927	927	928	1	EFU2-012	EFU2-013
929	929	928	1	EFU2-014	EFU2-015

TYPICAL 161KV RSS XFMR MOD CONTROL

(WIRE DESIGNATIONS, POWER SUPPLY AND DEVICE DESIGNATIONS, ARE FOR MOD 915, MOD 939 SIMILAR, SEE TABLE BELOW)

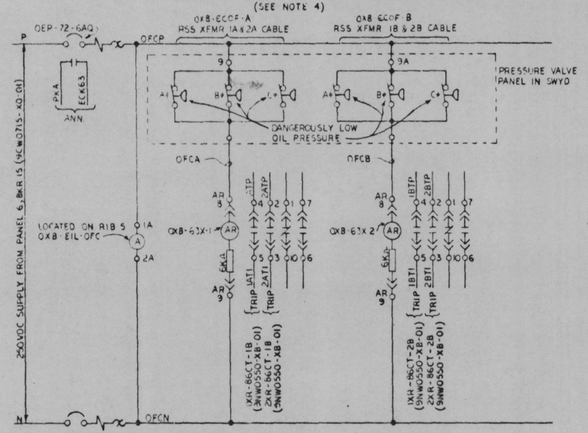


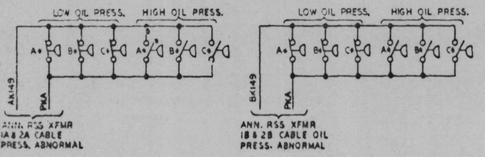
MOD NO	WIRE PREFIX	SWYD DISTR CAB	HTR FUSES/ IDENT NO	COIL FUSES/ IDENT NO
915	915	2	EFU2-006	EFU2-007
939	939	1	EFU2-016	EFU2-017

NOTES:
1. FOR INTERNAL WIRING AND MANUFACTURER DETAILS OF MODS. SEE SOUTHERN STATES DRAWING C-450195, TVA CONTRACT 75K2-[illegible]
2. ALL UNIQUE IDENTIFIERS ARE PREFIXED BY "0XB" UNLESS OTHERWISE INDICATED.
3. 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.
4. FOR MANUFACTURERS DETAILS OF OIL FILLED CABLE, SEE DRAWINGS ON TVA CONTRACT 75K4-86902.

161KV OIL FILLED CABLES TRIP AND ALARM CIRCUITS

(SEE NOTE 4)





PRINTS REQD # 1

PROJ	DWG SIZE
ME	J
EE	
SS	
AD	
CO	
GD	
ND	
DF	
SW	
BL	
PA	

PRC APERTURE CARD

ALL REVISION CIRCLES ARE MINOR CHANGES EXCEPT AS NOTED

REV NO.	ECN NO.	DATE	DSGN	DRWN	CHKD	SUPV	ENGR	INSP	SU/SE	RECM	APPR
SI			TM	TM	CG	G-R	J	DK	KM	JLM	

ECN-SI CHANGES PER FCR E-1427, AND MINOR CHANGES.

DSGN J.T. DENNIS
DRWN M.S. SHARPE
CHKD R.A. CALOUN
SUPV J.L. WEST
INSP
ENGINEER

SWITCHYARD

WIRING DIAGRAMS
MISC CONTROL CIRCUITS
AC AND DC SCHEMATICS

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

N

SUBMITTED	RECOMMENDED	APPROVED
Robert T. Hewitt	R.H. Herndon	John E. McCalley

KNOXVILLE | 2-29-76 | 35 | E | 9NW0530-XB-01 R1

INSPECTED AND APPROVED FOR ISSUE
R.M. Hodges

Docket # 50-438
Control # 8304050536
Date 3-25-83 of Document
REGULATORY DOCKET FILE

THIS DRAWING IS UNDER CONFIGURATION CONTROL

RECORD DRAWING AS CONSTRUCTED