NOTES:
1. FOR GENERAL NOTES AND SYMBOLS SEE DWG 5GW1740-ED-01.

480V LV SWGR 1XA3
ELVS-19

COMPT C2
REF:
SCHEM DWG NO. 1245F04 DET H
CONNECTION DWG NO. 1245F25

10A
EFU2-50AB
EFU3-50AA
52-50A
ANTICOAST
125V DC CONT PWR
10A
52a
52b
CLOSES WHEN BKR CLOSES
TOC
52a
C24-7
C22-2
11S-ECA2-863
SEAMS MPT 023-1MUX-194 LOCATED IN 021-1MXA-003
REF: 5GW0640-1S-01
356
856
ECA4-92
ECA4-93

480V MCC 1A5
EMCC-50

COMPT A1
REF: 5GW0747-RP-1
TYP 6INO
3A(TYP)
EFU2-50FA
EIL-50FA
EFU2-50FB
EIL-50FB
NON-AUTO
52NA-50F

COMPT E2
REF: 5GW0747-RP-2
TYP SB03
15A (TYP)
CKT BKR 1
CKT BKR 2
CKT BKR 3
CKT BKR 4
CKT BKR 5
CKT BKR 6
SEE MCC CKT SCHEDULE FOR BKR ASSIGNMENTS
54
EFU1-50BB
SEAMS
UNIT ANN
27 (50B)
TDDE
TC 5 SEC
CKT FOR FUSE COMPT REF: 5GW0747-RP-1
COMPT E1
REF: 5GW0747-RP-2
TYP SB04
GROUNDED NEUTRAL BUS
120VAC
15A(TYP)
EFU2-50BA
480-120V.
EQS-50B
COMPT E5
REF: 5GW0747-RP-2
TYP 5301/SB02
ECPT-50B

5005-50B
GROUND RELAY GRN-FC
SEE ZONE F7
50GX-50B
COMPT F1
REF: 5GW0747-RP-2
TYP SB07
5A
EFU1-50BC
52-010 SHUNT TRIP
5A
EFU1-010
50GX
52a
SHUNT TRIP
SEE ZONE A9

CONTACTS CLOSE 1" S OF VOLTAGE CONDITION (TC 5 SEC)
27-50B
11S-ECA2-864
48V DC
2-03
SEAMS MPT 023-1MUX-194 LOCATED IN 021-1MXA-003
REF: 5GW0640-1S-01
LOSS OF VOLTAGE ANNUNCIATION
FOR CKT DETAILS SEE DETAIL F 5GW1740-ED-33
LOSS OF VOLTAGE OPERATIONS RECORDER
FOR CKT DETAILS SEE DETAIL H 56W1740-ED-34

5005-50B
GROUND SENSOR
SEE ZONE E6
COMPT F1
REF: 5GW0747-RP-2
TYP SB07
FOR SHUNT TRIP SEE ZONE E7
52-010
COMPT F31(L)
REF: 5GW0747-RP-3
TYP 7TS1A

ECA4-94
ECA4-95
ECA4-96
ECA4-97
ERCP-0108
EL 667 COL A6,Y
DETAIL 16*
DETAIL 1*
DETAIL 2*
DETAIL 3*
DETAIL 15*
EJB-12
EL 647 COL A8,X
ERCP-0100
EL 647 COL A8,X
ERCP-0100
EL 649 COL A5,X
ERCP-0104
EL 685 COL A5,Y
* SEE DETAILS ON DWG 5GW1740-ED-33
480V PWR RECEPTACLES

INSPECTED AND APPROVED FOR ISSUE

PRC APERTURE CARD

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

NO	ECN NO	DATE	DSGN	DRWN	CHKD	SUPV	TECH SUP	PROJ ENGR
2	856, 51	1-12-80	DRM	WB	DJ	WB	146	-	SHULS	BWS
1	51	5-26-79	DRM	DJ	DJ	WB	146	-	SHULS	BWS

CHANGED UNDERVOLTAGE TO LOSS OF VOLTAGE, ADDED REF DWG SH NO., & ADDED TIME SETTING TO T.D. RLY. MINOR CHANGE.
RELOCATED SEAMS POINT A03IB. REMOVED COL. B EL.

DESN
DRWN
CHKD
SUPV
TECH
OWNER

SCALE: EXCEPT AS NOTED

GENERAL
UNIT 1

SYSTEM SCHEMATIC
480V NORMAL AC
AUX POWER DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

SUBMITTED	RECOMMENDED	APPROVED

KNOXVILLE 6-16-78 | 88 | E | 5GW1740-ED-22 | R8