NOTES:
1. FOR GENERAL NOTES AND SYMBOLS SEE DWG 5GW2740-ED-01.

480V LV SWGR 2XB1
ELVS-15

COMPT D3
REF:
E SCHEM DWG NO. 1245F04 DET H
E CONNECTION DWG NO. 1246F17

10A
EFU2-36AB
EFU3-36AA
52-36A
AMPTECTOR
52a
52b
LOCK OUT RELAY
10A
CLOSES WHEN BKR CLOSES
TOC
52a
034-*
032-2
2XS-ECA2-875
SEAMS MPX
2XS-IMUX-209
LOCATED IN
2XX-IMXT-002
REF: 5GW0640-IS-01
3-13
AM
A0469
ECA4-155
ECA4-156

480V MCC 2B1
EMCC-36

COMPT A1
REF 5GW0747-RP-1
TYP 6INO

3A (TYP)
EFU2-36FA
EIL-36FA
EFU2-36FB
EIL-36FB
NON-AUTO
52NA-36F

COMPT E1
REF: 5GW0747-RP-2
TYP SB11

EB14-9
EDJ4
EB1-1
5A
EFU1-36BB
27-36B
27E INTLK
BBC CKT I
BBC CKT II
27E
27X INTLK
27X
TDE
SEAMS
2-ANN
ORA
TDDE
EB1-3
EDJ5
EB14-N8
EB14-H1
EDJ3
EDJ2
120VAC
ES-2
ES-1
EB14-J4
EDJ1
EB14-B4
ES-3
EFU2-36A
15A (TYP)
480-120V
EDS-36B
ECPT-36B
COMPT E5
REF: 5GW0747-RP-2
TYP SB01 / SB02

250V DC
EB1-11
27-36B
CKT I
27E-36B
TO 1 SEC
27X-36BB
TO 5 SEC
EB1-10
BBC RESTART SIGNAL FOR DECONTIC
SEE (5GRE640-TC-16)
250V DC
EB1-17
27-36B
CKT II
27E-36B
TO 1 SEC
27X-36BB
TO 5 SEC
EB1-16
BBC RESTART SIGNAL FOR GEN COOLING DECONTIC
SEE (5GRE640-TK-6)

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
E2-1
E2-2
E2-3
E2-4
E2-5
E2-6
CKTS FOR FUSE COMPT REF: 5GW0747-RP-11
SEE MCC CKT SCHEDULE FOR BKR ASSIGNMENTS
SEE ZONE F7
E2-N1
E2-N2
E2-N3
E2-N4
E2-N5
E2-N6
GROUNDED NEUTRAL BUS

COMPT H1
REF: 5GW0747-RP-2
TYP SB07

EB14-9
EDJ12
H1-1
5A
EFU1-36BC
50GS-36B
GROUND RELAY GRN-FC
50GX-36B
H1-3
EDJ13
EB14-N8
5A
EFU1-024
50GX
H1-8
EDJ14
H3-1
52a
ST
SHUNT TRIP
H3-3
EDJ15
EB14-N9
SEE ZONE G8
52-024 SHUNT TRIP
H1-8
H1-7
H1-15
H1-9
H1-11
H1-10
H1-12
H1-17
H1-18

CONTACTS CLOSE FOR LOSS OF VOLTAGE CONDITION (TC 5 SEC)
27X-36BA
EB1-4
EB1-5
2XS-ECA2-876
4-12
48V DC
AM
A0470
SEAMS MPX
2XS-IMUX-209
LOCATED IN
2XX-IMXT-002
REF: 5GW0640-IS-01
LOSS OF VOLTAGE ANNUNCIATION
FOR CKT DETAILS SEE DETAIL 10 5GW2740-ED-34
EB1-6
EB1-7
LOSS OF VOLTAGE OPERATIONS RECORDER
FOR CKT DETAILS SEE DETAIL 12 5GW2740-ED-35
EB1-8
EB1-9

COMPT H1
REF: 5GW0747-RP-2
TYP SB07
50GS-36B
GROUND SENSOR
SEE ZONE E8
FOR SHUNT TRIP SEE ZONE E10
T1
T2
T3
52-024
COMPT H3 (L)
REF: 5GW0747-RP-3
TYP 7TS1A

ECA4-157
ECA4-158
ECA4-159
ECA4-160
DETAIL 4B
ERCP-024A
EL 649 COL T8,0
DETAIL 4B
ERCP-024B
EL 629 COL T8,0
DETAIL 4
ERCP-024C
EL 629 COL T7,E
DETAIL 7
ERCP-024D
EL 604 COL T7,E
480V POWER RECEPTACLES
* SEE DETAILS ON DWG 5GW2740-ED-34

PRC APERTURE CARD

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

NO.	ECN NO.	DATE	DSGN	DFTR	CHKD	SUPV	ENGR	INSP	BLDR	RECD	APPD

DSGN W.E. Wilson
DFTR W.J. Wilson
CHKD T.A. Brown
SUPV W.E. Wilson
INSP
ENGINEER W.K. Abbey

SCALE: EXCEPT AS NOTED

GENERAL
UNIT 2

SYSTEM SCHEMATIC
480V NORMAL AC
AUX POWER DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

N

SUBMITTED	RECOMMENDED	APPROVED
W.K. Abbey	P.S. Pancoast	C.M. Hodges

INSPECTED AND APPROVED FOR ISSUE

KNOXVILLE 1-13-78 | 00 | E | 5GW2740-ED-29 | RO

RECORD DRAWING AS CONSTRUCTED