NOTES:
1. FOR GENERAL NOTES AND SYMBOLS SEE DWG SQW1740-EQ-01.

480V LV SWGR 1XB1
ELVS-15
EL 649 COL T6,C

COMPT 03
REF:
SCHEM DWG NO. 1245F04 DET H
CONNECTION DWG NO. 1246F05
10A
EFU2-36AB
EFU3-36AA
52-36A
AMPTECTOR
52a
52b
125V DC CONT PWR
10A
CLOSES WHEN BKR CLOSES
TOC
52a
D34-7
D32-2
ECA4-155
ECA4-156
IIS-ECA2-875
SEAMS MPX
II3-IMUX-109
LOCATED IN
IIX-IMXT-002
EL 649 COL T2, D
REF: SQWO640-IS-01
10
11
12
48V DC
3-13
AM
A0469

480V MCC 1B1
EMCC-36
EL 649 COLT6,F

COMPT A1
REF: SQWO747-RP-1
TYP 6INO
3A (TYP)
EFU2-36FA
EIL-36FA
EFU2-36FB
EIL-36FB
NON-AUTO
52NA-36F
FB14-9
EDJ4
FB1-1
5A
EFU1-36BB
COMPT F1
REF: SQWO747-RP-2
TYP (SB13)
27-36B
27X INTLK
27E INTLK
27X-36BC
BBC CKT I
BBC CKT II
27X-36BB
TDE
27E-36BA
SEAMS
ANN
ORA
TC 5 SEC
FB1-3
EDJ5
FB14-N8
FB14-N1
EDJ2
EDJ3
F3-2
F3-1
FB14-14
FB14-N3
480-120V
EFU2-36BA
15A (TYP)
EDS-36B
ECPT-36B
COMPT F3
REF: SQWO747-RP-2
TYP SB01/SB02
250V DC
FB1-11
27X-36BC
CKT I
27E-36B
TO 1 SEC
27X-36BB
TO 5 SEC
FB1-10
FB1-17
CKT II
FB1-16
BBC RESTART FROM SEAL WATER DECONTIC SEE (SQW1640-TX-6) SEE (SQW1640-TX-16)
COMPT F2
REF SQWO747-RP-2
TYP SB03
15A (TYP)
CKT BKR 1
CKT BKR 2
CKT BKR 3
CKT BKR 4
CKT BKR 5
CKT BKR 6
F2-1
F2-2
F2-3
F2-4
F2-5
F2-6
CKTS FOR FUSE COMPT REF: SQWO747-RP-11
SEE MCC CKT SCHEDULE FOR BKR ASSIGNMENTS
F2-N1
F2-N2
F2-N3
F2-N4
F2-N5
F2-N6
GROUNDED NEUTRAL BUS
COMPT J1
REF: SQWO747-RP-2
TYP SB07
FB14-9
EDJ12
J1-1
5A
EFU1-36BC
50GS-36B
GROUND RELAY GRN-FC
SEE ZONE F7
50GX-36B
90GX
J1-3
EDJ8
FB14-N8
J1-8
J1-9
J1-10
J1-11
J1-12
J1-18
52-029 SHUNT TRIP
5A
EFU1-024
50GX
J1-8
EDJ14
J3-1
52a
ST
SHUNT TRIP
J3-3
EDJ15
FB14-N9
SEE ZONE G8

CONTACTS CLOSE FOR LOSS VOLTAGE CONDITION (TC 5 SEC)
27X-36BA
FBI-4
FBI-5
FBI-6
FBI-7
FBI-8
FBI-9
IIS-ECA2-876
10
11
12
48V DC
4-12
AM
A0470
SEAMS MPX
II3-IMUX-109
LOCATED IN
IIX-IMXT-002
EL 649 COL T2,D
REF: SQWO640-IS-01
LOSS OF VOLTAGE ANNUNCIATION
FOR CKT DETAILS SEE DETAIL 9 SQWI740-ED-33
LOSS OF VOLTAGE OPERATIONS RECORDER
FOR CKT DETAILS SEE DETAIL 18 SQWI740-ED-34

50GS-36B
GROUND SENSOR
SEE ZONE E8
COMPT J1
REF: SQWO747-RP-2
TYP SB07
FOR SHUNT TRIP SEE ZONE E10
T1
T2
T3
52-024
COMPT J3(L)
REF: SQWO747-RP-3
TYP 7TSIA
ECA4-157
ECA4-158
ECA4-159
DETAIL 4*
DETAIL 4*
DETAIL 15*
ERCP-024A
EL 649 COL T5,D
ERCP-024B
EL 629 COL T5,D
ERCP-024C
EL 629 COL T6,E
480V POWER RECEPTACLES
* SEE DETAILS ON DWG SQWI740-ED-33

INSPECTED AND APPROVED FOR ISSUE

PRC APERTURE CARD

Docket # 50-456
Control # 8304050532
Date 3/25/83
of Document
REGULATORY DOCKET FILE

REV NO	ECN NO.	DATE	DESN	DRFR	CHKD	SUPV	ENGR	UNIT	BURR	PRCTR	APPD
2	1320	12-22-82	RM	RLT	RLD	MA	WL	-	WL	WL	WL
ADDED "27X" RELAY TO BBC RESTART CIRCUIT.											
1	SEE 19	4-26-79	RLT	RLT	WL	MA	WL	-	WL	WL	WL
CHANGED WIRING OF T.D. RLY, CHANGED UNDERVOLTAGE TO LOSS OF VOLTAGE, ADDED REF DWG SH NO. 8 ADDED TIME SETTINGS TO T.D. RLY.											

DESN R.E. O'Connor
DRWN M.A. Lyon
CHKD L.A. Bolden
SUPV W.L. Abernathy
UNIT
ENGINEER W.L. Abernathy

SCALE: NONE — 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
W.L. Abernathy	[illegible]	[illegible]

KNOXVILLE 4-16-79 | 88 | E | 5GW1740-ED-28 R2

RECORD DRAWING AS CONSTRUCTED

THIS ACCU DRAWING IS UNDER CONFIGURATION CONTROL

PRINT
SIZE