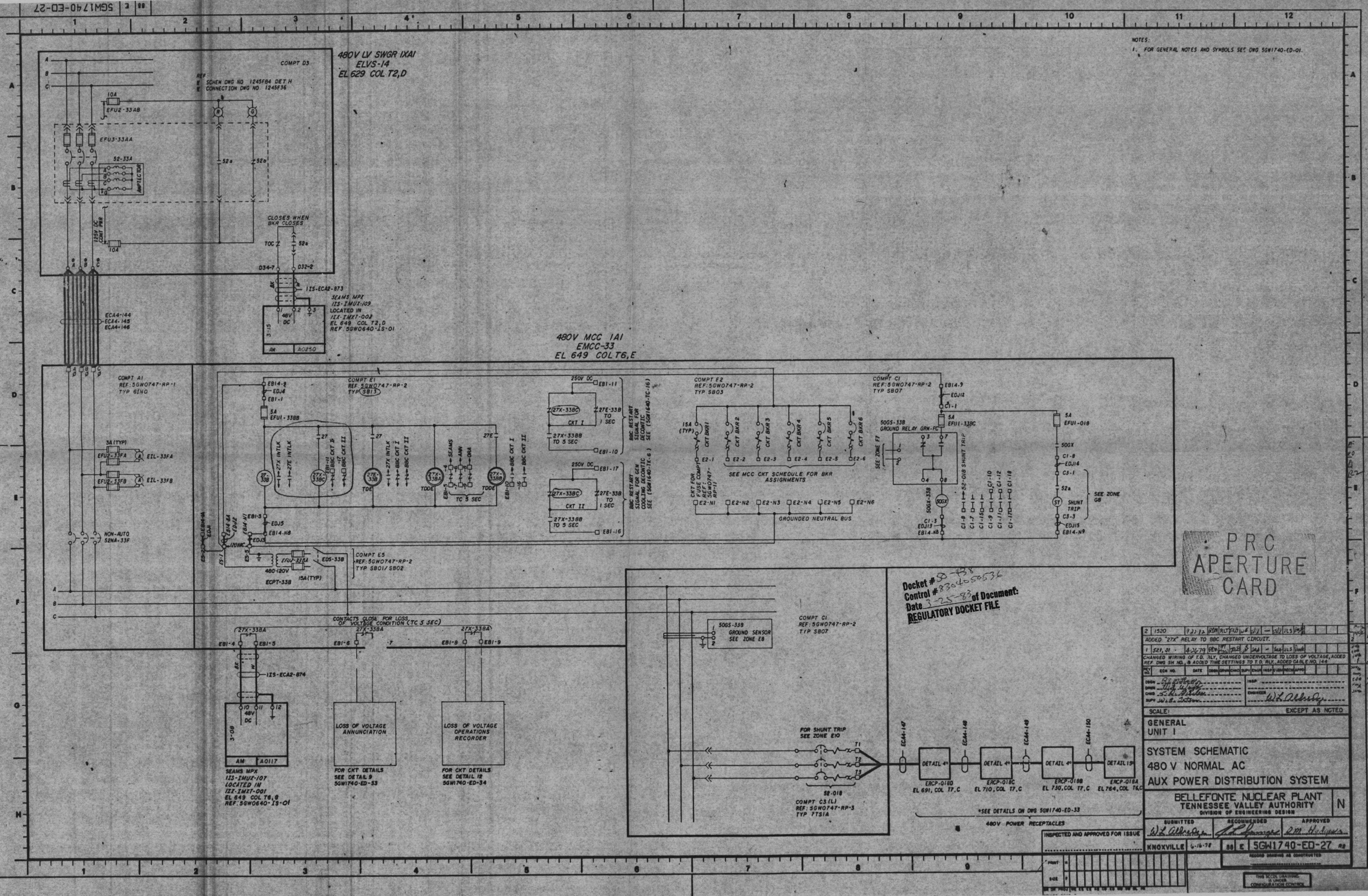

NOTES:
1. FOR GENERAL NOTES AND SYMBOLS SEE DWG 5GW1740-ED-01.
480V LV SWGR 1XA1
ELVS-14
EL 629 COL T2,D
COMPT D3
REF
SCHEM DWG NO 1245F84 DET H
CONNECTION DWG NO 1245F36
EFU2-33AB
EFU3-33AA
52-33A
AMPTECTOR
CLOSES WHEN BKR CLOSES
125V DC CONT PWR
1IS-ECA2-873
SEAMS MPX
1IS-IMUX-109
LOCATED IN
1IX-IMXT-002
EL 649 COL T2,D
REF: 5GW0640-IS-01
ECA4-144
ECA4-145
ECA4-146
480V MCC 1A1
EMCC-33
EL 649 COL T6,E
COMPT A1
REF: 5GW0747-RP-1
TYP 6IN0
COMPT E1
REF: 5GW0747-RP-2
TYP SB13
COMPT E2
REF: 5GW0747-RP-2
TYP SB03
COMPT C1
REF: 5GW0747-RP-2
TYP SB07
SEE MCC CKT SCHEDULE FOR BKR ASSIGNMENTS
GROUNDED NEUTRAL BUS
50GS-33B
GROUND RELAY GRN-FC
SHUNT TRIP
SEE ZONE G8
NON-AUTO
52NA-33F
COMPT E5
REF: 5GW0747-RP-2
TYP SB01/SB02
ECPT-33B
CONTACTS CLOSE FOR LOSS OF VOLTAGE CONDITION (TC 5 SEC)
1IS-ECA2-874
SEAMS MPX
1IS-IMUX-107
LOCATED IN
1IX-IMXT-001
EL 649 COL T6,G
REF: 5GW0640-IS-01
LOSS OF VOLTAGE ANNUNCIATION
FOR CKT DETAILS SEE DETAIL 9 5GW1740-ED-33
LOSS OF VOLTAGE OPERATIONS RECORDER
FOR CKT DETAILS SEE DETAIL 12 5GW1740-ED-34
50GS-33B
GROUND SENSOR SEE ZONE E8
COMPT C1
REF: 5GW0747-RP-2
TYP SB07
FOR SHUNT TRIP SEE ZONE E10
52-018
COMPT C3 (L)
REF: 5GW0747-RP-3
TYP 7TS1A
ERCP-018D
EL 691, COL T7,C
ERCP-018C
EL 710, COL T7,C
ERCP-018B
EL 730, COL T7,C
ERCP-018A
EL 764, COL T6,C
*SEE DETAILS ON DWG 5GW1740-ED-33
480V POWER RECEPTACLES
PRC APERTURE CARD
Docket # 50-438
Control # 8304050536
Date 3-25-83 of Document:
REGULATORY DOCKET FILE
2 1520 9-22-82
ADDED "27X" RELAY TO BBC RESTART CIRCUIT.
1 521, 31 4-26-79
CHANGED WIRING OF T.D. RLY, CHANGED UNDERVOLTAGE TO LOSS OF VOLTAGE, ADDED REF DWG SH NO., & ADDED TIME SETTINGS TO T.D. RLY., ADDED CABLE NO. 144
SCALE: EXCEPT AS NOTED
GENERAL
UNIT 1
SYSTEM SCHEMATIC
480 V NORMAL AC
AUX POWER DISTRIBUTION SYSTEM
BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
N
SUBMITTED
RECOMMENDED
APPROVED
KNOXVILLE 6-16-78
5GW1740-ED-27
INSPECTED AND APPROVED FOR ISSUE