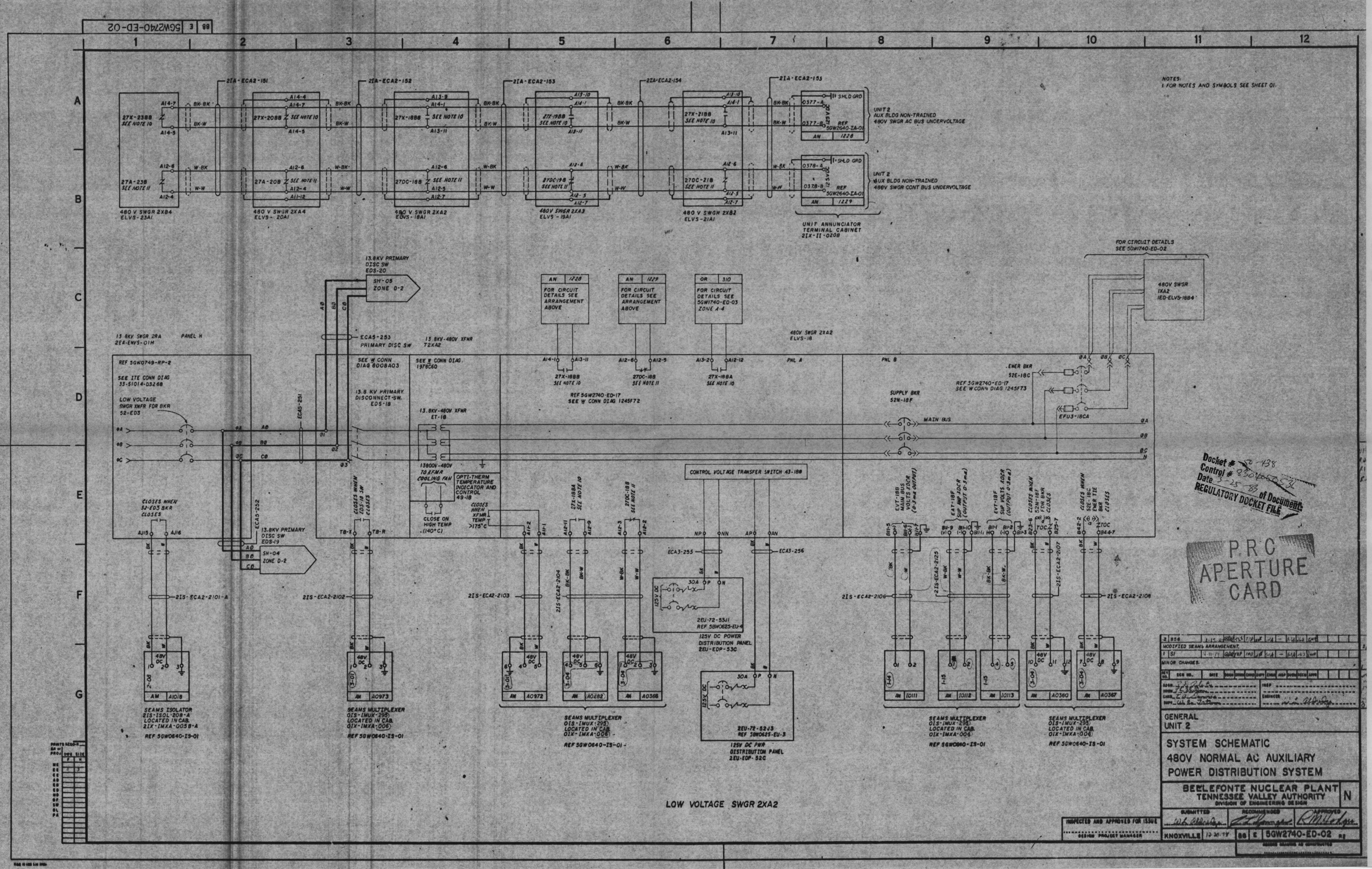

NOTES:
1. FOR NOTES AND SYMBOLS SEE SHEET 01.
480 V SWGR 2XB4 ELVS-23A1
480 V SWGR 2XA4 ELVS-20A1
480 V SWGR 2XA2 ELVS-18A1
480V SWGR 2XA3 ELVS-19A1
480 V SWGR 2XB2 ELVS-21A1
UNIT 2 AUX BLDG NON-TRAINED 480V SWGR AC BUS UNDERVOLTAGE
UNIT 2 AUX BLDG NON-TRAINED 480V SWGR CONT BUS UNDERVOLTAGE
UNIT ANNUNCIATOR TERMINAL CABINET 2IX-II-020B
13.8KV PRIMARY DISC SW EDS-20
SH-05 ZONE D-2
FOR CIRCUIT DETAILS SEE ARRANGEMENT ABOVE
FOR CIRCUIT DETAILS SEE 5GW1740-ED-03 ZONE A-4
FOR CIRCUIT DETAILS SEE 5GW1740-ED-02
480V SWGR 1XA2 1ED-ELVS-18B4
13.8KV SWGR 2RA 2EA-ENVS-01H
PANEL H
ECA5-253 PRIMARY DISC SW
13.8KV-480V XFMR T2XA2
480V SWGR 2XA2 ELVS-18
PNL A
PNL B
REF 5GW0749-RP-2
SEE ITE CONN DIAG 33-51014-D3268
LOW VOLTAGE SWGR XMFR FDR BKR 52-ED3
13.8 KV PRIMARY DISCONNECT-SW. EDS-18
13.8KV-480V XFMR ET-18
13800V-480V TO XFMR COOLING FAN
OPTI-THERM TEMPERATURE INDICATOR AND CONTROL 49-18
CLOSE ON HIGH TEMP (140°C)
CONTROL VOLTAGE TRANSFER SWITCH 43-18B
SUPPLY BKR 52N-18F
MAIN BUS
EMER BKR 52E-18C
REF 5GW2740-ED-17 SEE W CONN DIAG 1245F73
EFU3-18CA
13.8KV PRIMARY DISC SW EDS-19
SH-04 ZONE D-2
2IS-ECA2-2101-A
2IS-ECA2-2102
2IS-ECA2-2103
2IS-ECA2-2104
2IS-ECA2-2106
2IS-ECA2-2108
2EU-72-53J1 REF 5BW0625-EU-4
125V DC POWER DISTRIBUTION PANEL 2EU-EDP-53C
2EU-72-52J3 REF 5BW0625-EU-3
125V DC PWR DISTRIBUTION PANEL 2EU-EDP-52C
SEAMS ISOLATOR 2IS-ISOL-208-A LOCATED IN CAB. 2IX-IMXA-005B-A
REF 5GW0640-IS-01
SEAMS MULTIPLEXER 0IS-IMUX-295 LOCATED IN CAB. 0IX-IMXA-006
REF 5GW0640-IS-01
LOW VOLTAGE SWGR 2XA2
Docket # 50-438
Control # 8304050531
Date 3-25-83
REGULATORY DOCKET FILE
of Document
P.R.C. APERTURE CARD
MODIFIED SEAMS ARRANGEMENT
MINOR CHANGES
GENERAL UNIT 2
SYSTEM SCHEMATIC
480V NORMAL AC AUXILIARY POWER DISTRIBUTION SYSTEM
BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
N
SUBMITTED
RECOMMENDED
APPROVED
KNOXVILLE
5GW2740-ED-02
INSPECTED AND APPROVED FOR ISSUE
DESIGN PROJECT MANAGER