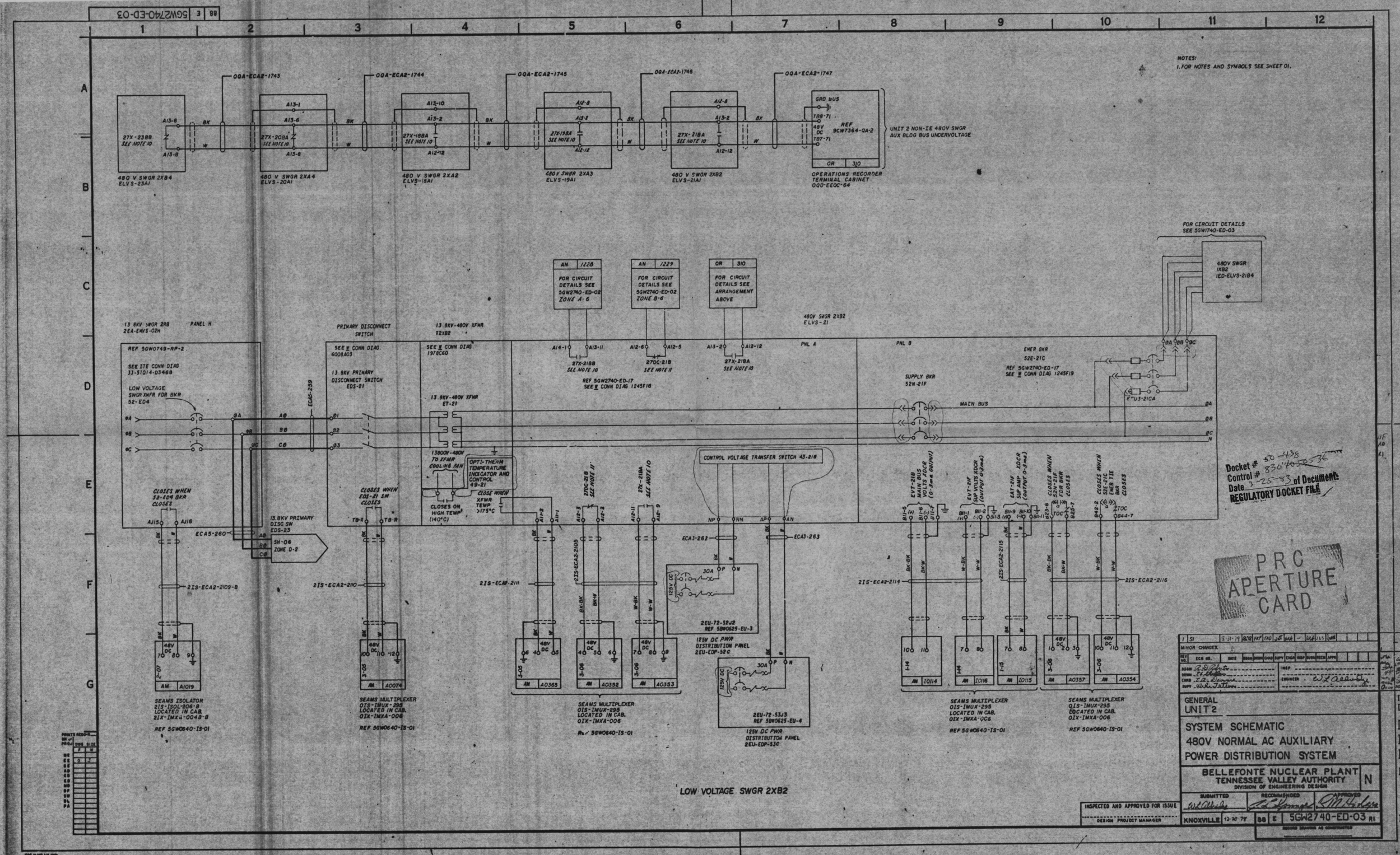

5GW2740-ED-03
NOTES:
1. FOR NOTES AND SYMBOLS SEE SHEET 01.
OQA-ECA2-1743
OQA-ECA2-1744
OQA-ECA2-1745
OQA-ECA2-1746
OQA-ECA2-1747
27X-23BB SEE NOTE 10
27X-20BA SEE NOTE 10
27X-18BA SEE NOTE 10
27X-19BA SEE NOTE 10
27X-21BA SEE NOTE 10
480 V SWGR 2XB4 ELVS-23A1
480 V SWGR 2XA4 ELVS-20A1
480 V SWGR 2XA2 ELVS-18A1
480 V SWGR 2XA3 ELVS-19A1
480 V SWGR 2XB2 ELVS-21A1
GRD BUS
48V DC
REF 9CW7364-QA-2
UNIT 2 NON-IE 480V SWGR AUX BLDG BUS UNDERVOLTAGE
OPERATIONS RECORDER TERMINAL CABINET OQD-EEQC-64
FOR CIRCUIT DETAILS SEE 5GW1740-ED-03
480V SWGR 1XB2 1ED-ELVS-21B4
AN 1228 FOR CIRCUIT DETAILS SEE 5GW2740-ED-02 ZONE A-6
AN 1229 FOR CIRCUIT DETAILS SEE 5GW2740-ED-02 ZONE B-6
OR 310 FOR CIRCUIT DETAILS SEE ARRANGEMENT ABOVE
13.8KV SWGR 2RB 2EA-EMVS-02H
PANEL H
REF 5GW0749-RP-2
SEE ITE CONN DIAG 33-51014-D3468
LOW VOLTAGE SWGR XMFR FDR BKR 52-ED4
PRIMARY DISCONNECT SWITCH
SEE W CONN DIAG 6008A03
13.8KV PRIMARY DISCONNECT SWITCH EDS-21
13.8KV-480V XFMR T2XB2
SEE W CONN DIAG 1978C60
13.8KV-480V XFMR ET-21
13800V-480V TO XFMR COOLING FAN
OPTI-THERM TEMPERATURE INDICATOR AND CONTROL 49-21
CLOSES ON HIGH TEMP (140°C)
CLOSE WHEN XFMR TEMP >175°C
480V SWGR 2XB2 ELVS-21
PNL A
PNL B
27X-21BB SEE NOTE 10
27DC-21B SEE NOTE 11
27X-21BA SEE NOTE 10
REF 5GW2740-ED-17 SEE W CONN DIAG 1245F16
SUPPLY BKR 52N-21F
MAIN BUS
EMER BKR 52E-21C
REF 5GW2740-ED-17 SEE W CONN DIAG 1245F19
CONTROL VOLTAGE TRANSFER SWITCH 43-21B
CLOSES WHEN 52-ED4 BKR CLOSES
13.8KV PRIMARY DISC SW EDS-23
SH-06 ZONE D-2
ECA5-260
ECA5-259
ECA3-262
ECA3-263
2IS-ECA2-2109-B
2IS-ECA2-2110
2IS-ECA2-2111
2IS-ECA2-2114
2IS-ECA2-2116
2EU-72-52J2 REF 5BW0625-EU-3
125V DC PWR DISTRIBUTION PANEL 2EU-EDP-52C
2EU-72-53J3 REF 5BW0625-EU-4
125V DC PWR DISTRIBUTION PANEL 2EU-EDP-53C
SEAMS ISOLATOR 2IS-ISOL-206-B LOCATED IN CAB. 2IX-IMXA-004B-B
REF 5GW0640-IS-01
SEAMS MULTIPLEXER 0IS-IMUX-295 LOCATED IN CAB. 0IX-IMXA-006
REF 5GW0640-IS-01
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SEAMS MULTIPLEXER 0IS-IMUX-295 LOCATED IN CAB. 0IX-IMXA-006
REF 5GW0640-IS-01
LOW VOLTAGE SWGR 2XB2
Docket # 50-438
Control # 836 40 50 536
Date 3-25-83 of Document
REGULATORY DOCKET FILE
PRC APERTURE CARD
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 12-30-78
5GW2740-ED-03 R1
INSPECTED AND APPROVED FOR ISSUE
DESIGN PROJECT MANAGER