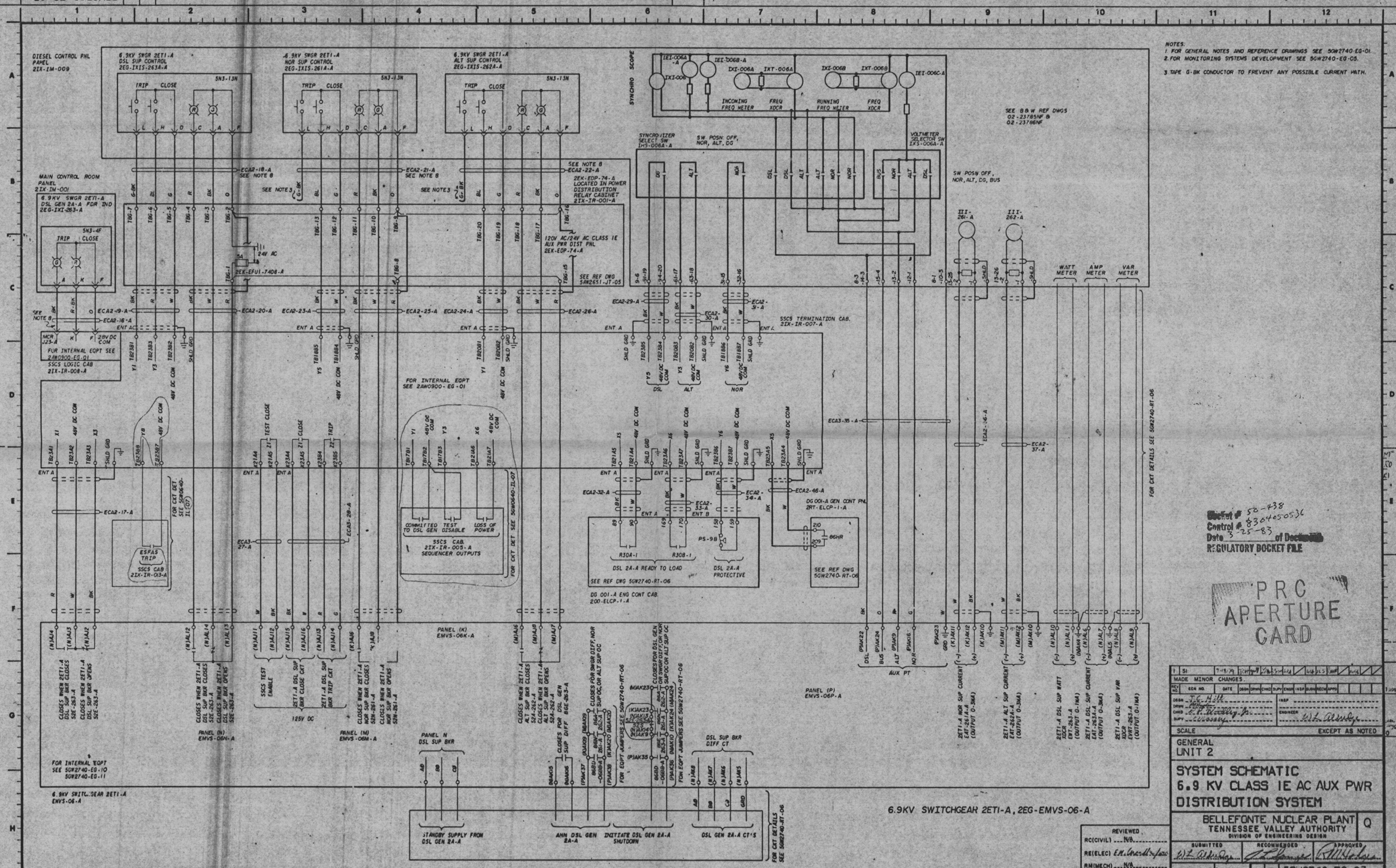

NOTES:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE 5GW2740-EG-01.
2. FOR MONITORING SYSTEMS DEVELOPMENT SEE 5GW2740-EG-05.
3. TAPE G-BK CONDUCTOR TO PREVENT ANY POSSIBLE CURRENT PATH.
DIESEL CONTROL PNL PANEL 2IX-IM-009
6.9KV SWGR 2ET1-A DSL SUP CONTROL 2EG-IXIS-263A-A
6.9KV SWGR 2ET1-A NOR SUP CONTROL 2EG-IXIS-261A-A
6.9KV SWGR 2ET1-A ALT SUP CONTROL 2EG-IXIS-262A-A
MAIN CONTROL ROOM PANEL 2IX-IM-001
6.9KV SWGR 2ET1-A DSL GEN 2A-A FOR IND 2EG-IXI-263-A
SYNCHRO SCOPE
INCOMING FREQ METER
RUNNING FREQ METER
SYNCRONIZER SELECT SW IHS-006A-A
SW POSN OFF, NOR, ALT, DG
VOLTMETER SELECTOR SW IXS-006A-A
SW POSN OFF, NOR, ALT, DG, BUS
SEE B&W REF DWGS 02-23785NF & 02-23786NF
2EK-EDP-74-A LOCATED IN POWER DISTRIBUTION RELAY CABINET 2IX-IR-001-A
120V AC/24V AC CLASS 1E AUX PWR DIST PNL 2EK-EDP-74-A
SEE REF DWG 5AW2651-JT-05
FOR INTERNAL EQPT SEE 2AW0900-EG-01
SSCS LOGIC CAB 2IX-IR-008-A
SSCS TERMINATION CAB. 2IX-IR-007-A
FOR CKT DET. SEE 5GW0640-IL-07
ESFAS TRIP
SSCS CAB 2IX-IR-013-A
COMMITTED TO DSL GEN
TEST DISABLE
LOSS OF POWER
SSCS CAB. 2IX-IR-005-A SEQUENCER OUTPUTS
DSL 2A-A READY TO LOAD
DSL 2A-A PROTECTIVE
SEE REF DWG 5GW2740-RT-06
DG 001-A ENG CONT CAB. 200-ELCP-1-A
DG 001-A GEN CONT PNL 2RT-ELCP-1-A
WATT METER
AMP METER
VAR METER
FOR CKT DETAILS SEE 5GW2740-RT-06
PANEL (K) EMVS-06K-A
PANEL (N) EMVS-06N-A
PANEL (M) EMVS-06M-A
PANEL (P) EMVS-06P-A
AUX PT
FOR INTERNAL EQPT SEE 5GW2740-EG-10 5GW2740-EG-11
6.9KV SWITCHGEAR 2ET1-A EMVS-06-A
PANEL N DSL SUP BKR
DSL SUP BKR DIFF CT
STANDBY SUPPLY FROM DSL GEN 2A-A
ANN DSL GEN 2A-A
INITIATE DSL GEN 2A-A SHUTDOWN
DSL GEN 2A-A CT'S
6.9KV SWITCHGEAR 2ET1-A, 2EG-EMVS-06-A
Docket # 50-438
Control # 8304050536
Date 3-25-83
of Document
REGULATORY DOCKET FILE
PRC APERTURE CARD
MADE MINOR CHANGES
SCALE
EXCEPT AS NOTED
GENERAL
UNIT 2
SYSTEM SCHEMATIC
6.9 KV CLASS 1E AC AUX PWR
DISTRIBUTION SYSTEM
BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
Q
REVIEWED
RC(CIVIL) N/A
RE(ELEC)
RM(MECH) N/A
SUBMITTED
RECOMMENDED
APPROVED
KNOXVILLE
88 E 5GW2740-EG-03 R1
RECORD DRAWING AS CONSTRUCTED