1 2 3 4 5 6 7 8 9 10 11 12

A B C D E F G

NORMAL SUPPLY FROM UNIT STA SERV XFMR 2A VIA 6.9KV SWGR 2TA. (5GW-EMYS-03, 5GW2740-EB-07)

ALTERNATE 87A SERV XFMR 2A, 2XR ET-1 (5MW0540-X8-02)

SUPPLY FROM RESERVE

GRD

CONTINUED ON DWG (5GW2740-EG-11)

NOTES
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE 5GW2740-EG-01.
2. FOR EXTERNAL CABLING DIAGRAM SEE SYSTEM SCHEMATIC 5GW2740-EG-02.
3. A TRIP SIGNAL TO THE DSL GEN IS GENERATED ONLY WHEN THE DSL GEN BKR IS OPEN.

SYMBOLS:
FOR GENERAL SYMBOLS SEE 5GW2740-EG-01.
■ - SWGR INTERFACE

TO DIESEL SYNCHRONIZING CKT

UNIT STATION SERVICE XFMR 2A DIFF CKT

RESERVE STATION SERVICE XFMR 2A DIFF CKT

CONTINUED THIS DWG

SEAMS DETAIL B

FOR TEST PURPOSES

6.9 KV BD 2ETI-A NORMAL SUPPLY AC SCHEMATIC

6.9 KV BD 2ETI-A ALTERNATE SUPPLY AC SCHEMATIC

SEE DWG NO. 5GWCP99-RP-02

SEAMS DETAIL A

6.9 KV BD 2ETI-A NORMAL SUPPLY DC SCHEMATIC

6.9 KV BD 2ETI-A ALTERNATE SUPPLY DC SCHEMATIC

SEAMS DETAIL C

NORMAL FEEDER TO 6.9 KV BD 2ET2-A AC & DC SCHEMATIC

PRC APERTURE CARD

Doc'm # 83-438
830405036
Cont. I #
Date 3-25-83
Of Document
REGULATORY DOCKET FILE

R2, ECN 773

REV NO.	ECN NO.	DATE	DSGN	DRWN	CHKD	SUPV	CHKD	ENGR	SUPV	MECH	APPR
2	773	12-11-79	KM	KM	KM	KM	AAB	GAB	JMB	KM	KM
CHANGED 62BF CONTACT NOTATION, & ADDED 52S CONTACT NOTATION.											
1	467, SI	7-18-79	KM	KM	KM	KM	AAB	GAB	JMB	KM	KM
INCORPORATED THE NEW AND MODIFIED DESIGN REQUIREMENTS FOR BUS TRANSFERS AND VOLTAGE ANN. POINTS. MINOR CHANGES.											

DSGN M. G. Hill
DRWN C. R. Kirby-Jr
CHKD L. Mc Donough
SUPV L. Mc Donough

INDEP
ENGINEER W. L. Abbey

GENERAL
UNIT 2

SYSTEM SCHEMATIC
6.9KV CLASS IE AC AUX POWER DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

Q

SUBMITTED	RECOMMENDED	APPROVED
W. L. Abbey	R. P. Gangwer	K. M. Hodges
KNOXVILLE 1/16/79	88 E 5GW2740-EG-10 R2	

REVIEWED
RC(CIVIL) JHB
RE(ELEC) Sandra Hope
RM(MECH) JHB