FOR NOTES AND REFERENCES SEE 5GW2640-EU-04

0QD-EEQC-64 COMMUNICATIONS OPERATIONS RECORDER TERMINATION CABINET

9CW7364-QA-02

2IX-II-020B UNIT ANNUNCIATOR TERMINATION CABINET 5GW2640-IA-01

0QD-EEQC-64 COMMUNICATIONS OPERATIONS RECORDER TERMINATION CABINET

9CW7364-QA-02

2IX-II-020B UNIT ANNUNCIATOR TERMINATION CABINET 5GW2640-IA-01

CHAN E/TR B ALARM VOLTAGE REFER TO 5GW2640-EU-05 FOR POWER SUPPLY

CHAN G ALARM VOLTAGE REFER TO 5GW2640-EU-07 FOR POWER SUPPLY

2IX-II-006D MISC RELAY CAB REF: 5GW2654-JJ43,14

BOP ISOLATOR 2IX-I30L256-B 5GW0901-IX-03

BOP ISOLATOR 2IX-I30L262-G 5GW0901-IX-02

NOTE 7

(NOTE 4) DUPLEX OUTLET BOX PANEL 4

DUPLEX OUTLET BOX PANEL 3

SYNC VERIFICATION LIGHT

PANEL TRANSFER SWITCH ON MAINTENANCE

REFER TO WFRR'S DWG: D1069-3

REFER TO WFRR'S DWG: D1069-6

SYNC REFERENCE 120V AC 120V AC

5GW2640-EU-05 ZONE E9

5GW2640-EU-07 ZONE E10

LIGHTING POWER

1085

2EJ-EDP-61-E

2EK-EDP-71-B

2EJ-EDP-63-G

2EU-ECA2-110-E

2EU-ECA2-68-E

2EU-ICA3-72-E

2EU-ECA3-75-E

2EU-ECA3-74-G

2EU-ECA2-70-G

2EU-ECA2-112-G

TO UPS MIMIC

LO DC WARN

INV OVRLD

BLOWER FAIL

AUCT UNIT FAIL

RECT HI TEMP

RECT FAIL

HI DC LINK

LO DC LINK

FUSE FAIL

BAT CB

AC INPUT CB

INV OUT CB

SERVICE SW

NON-CRITICAL ALARMS

CRITICAL ALARMS

120V AC

SYNC CONTROL CIRCUIT

REFER TO MFRR'S DWG 461-011-D001

REFER TO MFRR'S DWG: 462-011-D001

2EJ-EUPS-61-E 120V AC VITAL UPS

2EJ-EUPS-63-G 120V AC VITAL UPS

ECN 1139

INTERCONNECTIONS
120V AC CLASS 1E VITAL DISTR PNL 2EJ-EDP-61-E

INTERCONNECTIONS
120V CLASS 1E AUXILIARY PWR DISTR PNL 2EK-EDP-71-B

INTERCONNECTIONS
120V AC CLASS 1E VITAL DISTR PNL 2EJ-EDP-63-G

COMPANION DWGS:
5GW2640-EU-01,02,04-08

Docket # 50-438
Control # 8304050536
3-25-83
of Documents
LEGIBILITY DOCKET FILE

PRC APERTURE CARD

REV NO.	ECN NO.	DATE	DSGN	DFTG	CHKD	SUPV	ENGR	INSP	BLDG	RECM	APPD	RD	RE	RB	TBS
2	1085,1139	2-24-81	CBP	BAN	STM&DE	PMM	MWS	LSS	RMH	N/A	N/A	N/A	N/A		
INCORPORATED FCR E-1743, MISC CHANGES.															
1	S1	11-7-79	CBP	BAN	STM&DE	PMM				N/A	N/A	N/A	N/A		
ADDED ALARM ISOLATION DETAILS. REVISED JUMPERS NO'S.															

DSGN C.B. Pierce
DRWN B.A. Nelson
CHKD M.W. Stevens
SUPV J.S. Saunders

INSP
ENGINEER M.W. Stevens

SCALE EXCEPT AS NOTED

GENERAL
UNIT 2

SCHEMATIC DIAGRAM 125V CLASS 1E DC POWER DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

Q

SUBMITTED	RECOMMENDED	APPROVED
M.W. Stevens	[illegible]	R.M. Hodges

KNOXVILLE 10-15-79 98 E 5GW2640-EU-09 R2

RECORD DRAWING AS CONSTRUCTED

REVIEWED
QC(CIVIL)
QE(ELEC) N/A
QA(MECH)
INSPECTED AND APPROVED FOR ISSUE

PRINT M 3
SIZE P 0