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

A B C D E F G H

CONTINUED FROM DWG (5GW2740-EG-12)

STANDBY SUPPLY FROM DIESEL GENERATOR 2B-B (5GW2740-RT-11)

FROM DIESEL GENERATOR 2B-B DIFF CT

TYP OF 8D 2ETI-B DIFF CT IN PNLS A,B,C,D,E,F,G,H,J,K,R,S,T (SEE ITE DWG 808574)

2ETI-B 8D VOLTAGE TO MAN IN PANELS C,D,E,H,J,K,R,S (SEE ITE DWG 808574)

TO DIESEL SYNCHRONIZING CKT

CONTINUED FROM DWG (5GW2740-EG-12)

NOTES:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE 5GW2740-EG-01.
2. FOR EXTERNAL CABLING DIAGRAM SEE SYSTEM SCHEMATIC 5GW2740-EG-06 AND 5GW2740-E3-07.
3. REMOVAL OF THE C4 RELAY WILL DISABLE OPERATION OF THE A4 & B4 RELAYS IN THIS CIRCUIT.

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

DETAIL G

6.9 KV SWGR 2ETI-B DIESEL GENERATOR SUPPLY AC SCHEMATIC

SEAMS DETAIL E

6.9 KV SWGR 2ETI-B BUS AC SCHEMATIC

ANN DETAIL (OPERATIONS RECORDER)

6.9 KV SWGR 2ETI-B DIESEL GENERATOR SUPPLY DC SCHEMATIC

DETAIL H

ECN 951

SEAMS DETAIL F

69KV SWGR 2ETI-B BUS DC SCHEMATIC

Docket # 50-438
Control # 8304050536
Date 3-25-83 of Document
REGULATORY DOCKET FILE

PRC APERTURE CARD

#	ECN	DATE	DESIGN	DRAWN	CHKD	SUPV	ENGR	MGR	BRANCH	RECH	APPR	RE	RC	RM	RN
4	951	4-1-82	CA	DAC	KSS	JPB	EMH	MWS	LLS	DMS					
	REMOVED HOLDS TO ADD 27VX-272C-B ADD WIRE 27UX CONT.														
3	51, 1145	5-7-81	JP	DAC	KSS	JPB	EMH	MWS	LLS	DMS					
	ADDED 27VX-272C-B RLY & ADDITIONAL CONN TO SSCS CAB, CHG WIR FOR 27T & 59 RLY.														
2	773, 51	12-11-79	SCM												
	ADDED 62BF TARGET CONN., & MINOR CHANGES.														
1	487, 657, 441	7-19-79	SCM												
	INCORPORATED THE NEW & MODIFIED DESIGN REQUIREMENTS FOR BUS TRANSFERS & VOLTAGE ANN. POINTS. REPLACED ACTUATING FUSE TYPE & SIZE TO INSURE ADEQUATE FAULT CLEARING. FIELD REVERSE CKT BKR AUX CONTACT.														

DSGN T. G. Hill
DRWN L. D. Whitley
CHKD L. D. Whitley
SUPV L. D. Whitley
INSP
ENGINEER W. K. Dillard Jr.

GENERAL
UNIT 2

SYSTEM SCHEMATIC 6.9KV CLASS IE AC AUX PWR DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

Q

SUBMITTED	RECOMMENDED	APPROVED
W. K. Dillard Jr.	L. M. Mills	R. M. Gridley

KNOXVILLE 1-14-77 | 88 | E | 5GW2740-EG-13 | R4

ORIGINAL DWG NO. | RECORD DRAWING AS CONSTRUCTED

REVIEWED
RC(CIVIL) N/A
RE(ELEC) [illegible]
RM(MECH) N/A

PRINTS REQD
SEE N1 PROJ | DWG | SIZE
ME | 2 | D
CE | | D
CO | | D
ED | | D
MD | | D
EW | | D
SL | | D
A | | D