REGULATORY DOCKET FILE
Docket # 50-327 / 50-328
Control # 8305250238
Date 5-25-83
of Documents

STANDBY SUPPLY FROM DIESEL GENERATOR 1A-A (5GW1740-RT-06)

FROM DIESEL GENERATOR 1A-A DIFF CT

CONTINUED FROM DWG (5GW1740-EG-10)

TYP OF 80 IETI-A DIFF CT IN PANELS A,B,C,D,E,K,G,H,Q,R,S,T,U,V (SEE ITE DWGS 808564 THRU 808567)

IETI-A BD VOLTAGE TO WYM IN PANELS C,D,E,M,Q,R,S,U,V (SEE ITE DWGS 808564 THRU 808567)

TO DIESEL SYNCHRONIZING CRT

CONTINUED FROM DWG (5GW1740-EG-10)

DETAIL G

6.9 KV BD IETI-A DIESEL GENERATOR FEEDER AC SCHEMATIC

6.9 KV BD IETI-A BUS AC SCHEMATIC

SEAMS DETAIL E

DETAIL H

ECN 951

6.9 KV BD IETI-A DIESEL GENERATOR FEEDER DC SCHEMATIC

SEAMS DETAIL F

125 V DC CONTROL POWER

ANN DETAIL (OPERATIONS RECORDER)

6.9 KV SWGR IETHA BUS DC SCHEMATIC

NOTES:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE 5GW1740-EG-01
2. FOR EXTERNAL CABLING DIAGRAM SEE SYSTEM SCHEMATIC 5GW1740-EG-02 AND 5GW1740-EG-03
3. REMOVAL OF THE 64 RELAY WILL DISABLE OPERATION OF THE A/B 86 RELAYS IN THIS CIRCUIT.

SYMBOLS:
FOR GENERAL SYMBOLS SEE 5GW1740-EG-01.
■ - SWGR INTERFACE

PRC APERTURE CARD

NO.	ECN NO.	DATE	DSGN	DWN	CHKD	SUPV	ENGR	INSP	SUBM	RECM	APPR
6	951	11-22-77									
5	31,1144	7-11-77									
4	773,467	12-11-76									
3	467, 657, SI, 1311	5-26-76									
2	SI	1-14-76									
1	341, SI	11-17-75									

REMOVED HOLDS TO ADD 27VX-162C-A RLY & ADD CONN TO SSCS CAB.
ADDED 27VX-162C-A RLY & ADDITIONAL CONN TO SSCS CAB CHG WIR FOR 27T & 59 RLYS.
ADDED 62BF TARGET CONN, CHANGED 27X RELAY TO TDE.
INCORPORATED THE NEW AND MODIFIED DESIGN REQUIREMENTS FOR BUS XFR AND VOLTAGE ANN PT, REPLACED ACTO FUSE TYPE AND SIZE TO INSURE ADEQUATE FAULT CLEARING, AND MINOR CHANGES, FIELD REVERSE CB AUX CONTACT.
MINOR CHANGES.
IMPLEMENTED ANTICIPATORY RLY SCHEME PER ECN 341. MINOR REVISIONS PER SI.

SIGN	D.W.SHANLEY / C.S.WESTON	INSP	
DRWN	L.A.STOVER / J.W. JACKSON	ENGINEER	
CHKD	L.P.GESNER		
SUPV	R.E.ZOLNIER		

GENERAL
UNIT 1

SYSTEM SCHEMATIC 6.9KV CLASS 1E AC AUX PWR DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

Q

SUBMITTED	RECOMMENDED	APPROVED
D.F. Whitaker	T.L. Spencer	R.M. Hodges

KNOXVILLE | 11-29-77 | 88 | E | 5GW1740-EG-11 | R6

RECORD DRAWING AS CONSTRUCTED

THIS DRAWING IS UNDER CONFIGURATION CONTROL