2IX-IN-008
MAIN CONTROL ROOM PANEL
EL 673

2EU-EBB-53-G
125V BUS VOLTMETER
2EU-IEI-536B-G

2EU-EBB-53-G
125V BUS AMMETER
2EU-III-537B-G

OQD-EEQC-64
COMMUNICATIONS OPERATIONS RECORDER
TERMINATION CABINET
9GW3364-OA-01

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

FOR GENERAL NOTES AND REFERENCES, REFER TO 5GW2640-EU-04

REFER TO 5GW0640-IS-01, FOR DETAILS

SEAMS MON MI133

OR 226 | OR 227 | OR 228 | OR 229

AN 1117 | AN 1107

2IA-ECA2-84

OQA-ECA2-971

2IA-ECA2-85

CHAN G ALARM VOLTAGE 120VAC

2-03 MON MI192

SEAMS MULTIPLEXER
2IS-IMUX-204
LOCATED IN
2IX-IMXA-001A
5GW0640-IS-01

2IS-ECA2-2208

2EU-ECA3-159 | 2EU-ECA3-160 | 2EU-ECA3-161 | 2EU-ECA3-162

2EU-ECA2-82-G | 2EU-ECA2-83-G

2EU-ECA2-126-G | 2EU-ECA2-127-G | 2EU-ECA2-128-G | 2EU-ECA2-129-G

2IS-ECA2-2201-G

2IX-EI-006D
MISC RELAY CAB
REF: 5GW3564-J1-09,13,14

2IX-ISOL-262-G
BOP ISOLATOR
5GW0901-IX-02

BOARD DETAILS SHOWN FOR INFORMATION ONLY FOR ACTUAL DETAILS REFER TO WFRR'S DWGS D-1069-01 THRU 14 FOR WIRING AND SCHEMATICS

TRANSDUCER 2EU-EAMP-536-G

TRANSDUCER 2EU-EAMP-537-G

2EU-72-531-G | 2EU-72-533-G

800A 2EU-EFU2-531A-G

1200A 2EU-EFU2-531B-G

MISC LOADS

125V BATTERY CHARGER 1EU-EBC-53-G

2EU-EDP-53A-G

NOTE 9

125V CLASS 1E BAT 2G TEST BKR CLOSED

125V CLASS 1E BAT 2G GROUND

SIMILAR FOR SETS 1 THRU K

CB 81 | CB 82 | CB K7 | CB K8

FUSE SET 1A | FUSE SET 1B

125V CLASS 1E BAT BKR TRIP/ FUSE BLOW/ UV

UNDER VOLTAGE

125V CLASS 1E BAT 2G CAPACITY LOW

ALL CONTACTS CLOSE TO ALARM NOTE 7

125V CLASS 1E BAT CHGR 2G FAIL

125V CLASS 1E BAT 2G DISCONNECT

125V CLASS 1E BAT 2G DISCHARGE

DUPLEX OUTLET BOX PNL 1 NOTE 4

DUPLEX OUTLET BOX PNL 2, NOTE 4

DUPLEX OUTLET BOX PNL 3, NOTE 4

2EU-FDP-53B-G | 2EU-FDP-53C-G

5GW2640-EU-09 ZONE E7 LIGHTS

5GW2640-EU-09 ZONE E7 RECEPTACLES

5AW042C-RW-03 (CKT 48) ZONE E3

120V AC LIGHTING POWER (LC 2590)

5AW0420-RW-03 (CKT 2A) ZONE E3

INSTRUMENT POWER SUPPLY

2EU-ECA2-89-G

2EU-ECA4-50-G | 2EU-ECA4-52-G | 2EU-ECA4-59 | 2EU-ECA4-60

2EU-ECA3-93-G

2EU-EB-53-G
125V CLASS 1E BAT.

2EU-ECON-53A-G | 2EU-ECON-53B-G | 2EU-ECON-53D-G | 2EU-ECON-53C-G

STATION GROUND NOTE 6

2EU-EJB-53 BATTERY TEST JB

2EU-ECA2-313,314,315,316
REFER TO WIRING DETAIL
5GW2640-EU-05

BATTERY TEST EQUIPMENT (PORTABLE)

2EU-EJB-3 BAT TEST JB (BAT RM)

2EU-EJB-10 BAT TEST JB (TURB BLDG)

BKR: 2EJ-52-6358-G
REFER TO: 5BW0625-EJ-4

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

TB3 1 2
AC FAIL
CHGR FAIL
LOW VOLTAGE
HIGH VOLTAGE
REF DWG: IDF-753-#
POWER CB(TA)
BAT CB (TA)

2EU-EBC-53-G
125V DC CLASS 1E BAT CHGR

INTERCONNECTIONS
125V CLASS 1E BATTERY BOARD 2EU-EBB-53-G
PANELS 2EU-EDP-53A-G, 2EU-EDP-53B-G

PRC APERTURE CARD

Docket # 50-438
Control # 8304050536
Date 3-25-83
of Documents
DOCUMENT CONTROL DESK FILE

COMPANION DWGS.
5GW2640-EU-01, 02, 04-06, 08, 09

REV NO	ECN NO.	DATE	DSGN	DFTG	CHKD	SUPV	ENGR	INSP	SUBMITTED	APPD	RE	RIE	RTN
3	SI	4/15/82	TMG	MA	CBR	N-1			N/A	N/A	N/A	N/A	
INCORPORATED FCR E-2314.													
2	1139.1085	2-24-81	RM	TMG	MA				N/A	N/A	N/A	N/A	
INCORPORATED FCR E1743, BAT DISCHARGE TEST EQUIP. MISC CHANGES.													
1	SI	12-1-79	RM	MA/GCR	TMG				N/A	N/A	N/A		
ADDED ALARM ISOLATION DETAILS. REVISED JUMPER NO'S.													

DSGN ____ DFTG ____ CHKD ____ SUPV ____ INSP ____ ENGINEER M.W. Grissom

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 M.W. Grissom | RECOMMENDED [illegible] | APPROVED M.W. Grissom

KNOXVILLE 6-18-79

88 E 5GW2640-EU-07 R3

RECORD DRAWING AS CONSTRUCTED

REVIEWED
RC(CIVIL) _____
RE(ELEC) ___N/A___
RM(MECH) _____
INSPECTED AND APPROVED FOR ISSUE _____

PRINT M A
SIZE P D