FROM 480V SWGR 1EA1-B,1EI-FLV1-2H-B (2AW1727-EI-1)

COMPT A1

1EI-EFU2-66FA-B
1EI-EFU2-66FB-B

1EI-FEL-66FA-B
1EI-FEL-66FB-B

4 FE

400A FRAME NON-AUTOMATIC 1EI-52NA-66F-B

600A BUS, 3Ø

300A

COMPT E5

1EI-105-66B-B

2 CL

1EI-EFU2-66BA-B (SEE NOTE 9)

1EI-ECPT-66B-B 480-120V,1Ø,5KVA

COMPT E1

1EI-27-66A-B

1EI-EFU1-66AC-B

GE TYPE NGV

COMPT E1

1EI-27-66A-B

1EI-EFU1-66AB-B

AGASTAT

MAIN WATER

MAIN 12 V

MAIN 115

BKR NO. 1

BKR NO. 2

BKR NO. 3

120V CONTROL PANEL

BKR NO. 4

BKR NO. 5

BKR NO. 6

CONTINUED BELOW

120V, 1Ø BREAKERS COMPT E2

COMPT E4

15A

1EI-52-66A-B

1EI-52-66B-B

1KC-EFU1-002C-B — MOTOR HTR REF: 5GW1740-KC-04

1NV-EFU1-003C-B — MOTOR HTR REF: 5GW1740-NV-04

1Z3-EFU1-016E-B — MOTOR HTR REF: 5GW1740-V3-04

1KC-EFU1-146C-B — MOV HTR REF: 5GW1740-KC-09

1KC-EFU1-211C-B — MOV HTR REF: 5GW1740-KC-14

1KC-EFU1-238B-B — MOV HTR REF: 5GW1740-KC-15

1KC-EFU1-258B-B — MOV HTR REF: 5GW1740-KC-15

1KC-EFU1-351B-B — MOV HTR REF: 5GW1740-KC-19

1KC-EFU1-360B-B — MOV HTR REF: 5GW1740-KC-19

1KE-EFU1-296B-B — MOV HTR REF: 5GW1740-KE-19

1KE-EFU1-310B-B — MOV HTR REF: 5GW1740-KE-23

1KE-EFU1-316B-B — MOV HTR REF: 5GW1740-KE-23

1ND-EFU1-167B-B — MOV HTR REF: 5GW1740-ND-07

1NV-EFU1-526B-B — MOV HTR REF: 5GW1740-NV-14

1ND-EFU1-001C-B — MOT HTR REF: 5GW0640-ND-02

DVM-EFU1-177B-B — MOV HTR REF: 5GW0740-DM-03

DVM-EFU1-178B-B — MOV HTR REF: 5GW0740-DM-03

1KC-EFU1-415B-B — MOV HTR REF: 5GW1740-KC-28

1NV-EFU1-022C-B — MOV HTR REF: 5GW1740-NV-17

1NV-EFU1-026C-B — MOV HTR REF: 5GW1740-NV-08

1NV-EFU1-029C-B — MOV HTR REF: 5GW1740-NV-17

1NV-EFU1-033C-B — MOV HTR REF: 5GW1740-NV-08

1NV-EFU1-062C-B — MOV HTR REF: 5GW1740-NV-09

1NV-EFU1-065C-B — MOV HTR REF: 5GW1740-NV-09

1NV-EFU1-068C-B — MOV HTR REF: 5GW1740-NV-10

1NV-EFU1-071C-B — MOV HTR REF: 5GW1740-NV-10

1NV-EFU1-213B-B — MOV HTR REF: 5GW1740-NV-16

1NV-EFU1-215B-B — MOV HTR REF: 5GW1740-NV-16

1NV-EFU1-413B-B — MOV HTR REF: 5GW1740-NV-11

1NV-EFU1-419B-B — MOV HTR REF: 5GW1740-NV-12

1KC-EFU1-317B-A — MOV HTR REF: 5GW1740-KC-28

1EI- — SPARE — E4-35

1EI- — SPARE — E4-36

1ND-EFU1-238C-B — MOV HTR REF: 5GW1740-ND-13

1ND-EFU1-239C-B — MOV HTR REF: 5GW1740-ND-14

1NV-EFU1-051C-B — MOV HTR REF: 5GW1740-NV-11

NOTES:
1. FOR GENERAL NOTES, REFERENCE DWGS AND SYMBOLS SEE DWG 5GW1733-E1-01.

AUXILIARY RELAYS (BACK PANEL EB)

1EI-EBLY-66A-B … 1EI-EBLY-66L-B

ITE J10

EB7-1 … EB12-1

EB7-2 … EB12-2

SPARE

MOV BY-PASS REF: 5GW1740-EI-10

CONTINUED FROM ABOVE

120V CONTROL POWER

1EI- — EB14-1 SPARE
EB14-2 SPARE
EB14-3 SPARE
EB14-4 SPARE
EB14-5 SPARE
EB14-6 SPARE

1EI-EFU1-668D-B — EB14-7 — BY-PASS RELAYS REF: 5GW1740-EI-10

1EI-EFU1-668F-B — EB14-8

120V SHUNT TRIP CIRCUITS

EB14-10 … EB14-14 SPARE

1MC-CT-2AA COMPT E4A

1MC-CT-12AA COMPT E4A

BACK PANEL EB

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

PRC APERTURE CARD

NO	ECN NO	DATE	DSN	DRN	CHKD	SUPV	ENGR	INSP	SUBM	RECM	APPD

DESN - R.K. Millsaps
DRWN - F.R. Larson
CHKD - T.J. Bonds
SUPV - W.D. Gilliam
INSP
ENGINEER - W. Rutherford

SCALE: NTS — EXCEPT AS NOTED

AUXILIARY BUILDING UNIT 1

SINGLE LINE
480V MCC 1E1-B
1EI-EMCC-66-B

REVIEWED
ECB - Full Review Required
CEB - NA
MEB - NA
NEB - NA

INSPECTED AND APPROVED FOR ISSUE

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

Q

SUBMITTED — W.D. Rutherford
RECOMMENDED — L.P. Spence
APPROVED — R.M. Hodges

KNOXVILLE | 3-7-83 | 88 | E | SAWI733-EI-03 RO

RECORD DRAWING AS CONSTRUCTED

PRINT
SIZE