FROM 480V SWGR 2EX2-A, 2EI-ELV5-25-A (2AW2728-EI-1)

2EI-EFU2-62FA-A
2EI-EFU2-62FB-A
1A 4CL
2EI-EIL-62FA-A
2EI-EIL-62FB-A

800A FRAME NON-AUTOMATIC 2EI-52NA-62F-A

600A BUS, 3ϕ

300A

COMPT G5 — 2EI-EDS-62B-A

2 CL — 2EI-EFU2-62BA-A

2EI-ECPT-62B-A 480-120V, 1ϕ, 5KVA

COMPT G1 — 5A — 2EI-EFU1-62DC-A — 2EI-27-62BB-A — 27 — GE TYPE NGV

COMPT G1 — 5A — 2EI-EFU1-62BB-A — 2EI-27-62B4-A — 27 — AGASTAT

MON MO390 — AN 1238 — OR 317

120V, 1ϕ BREAKERS COMPT G2

COMPT G4

BKR NO. 1 — 15A — 2EI-52-62BA-A

- 2KC-EFU1-001C-A — 10A — MOTOR HTR REF: 5GW2740-KC-02 — G4-1
- 2ND-EFU1-001C-A — 10A — MOTOR HTR REF: 5GW2740-ND-02 — G4-2
- 2NV-EFU1-002C-A — 10A — MOTOR HTR REF: 5GW2740-NV-03 — G4-3

BKR NO. 2 — 15A — 2EI-52-62BB-A

- 2CA-EFU1-029B-A — 5A — MOV HTR REF: 5GW0640-CA-05 — G4-4
- 2CA-EFU1-030B-A — 5A — MOV HTR REF: 5GW0640-CA-06 — G4-5
- 2CA-EFU1-037B-A — 5A — MOV HTR REF: 5GW0640-CA-13 — G4-6
- 2CA-EFU1-087B-A — 5A — MOV HTR REF: 5GW0640-CA-04 — G4-7
- 2KC-EFU1-364B-A — 5A — MOV HTR REF: 5GW2740-KC-19 — G4-8
- 2KC-EFU1-373B-A — 5A — MOV HTR REF: 5GW2740-KC-19 — G4-9
- 2KE-EFU1-161B-A — 5A — MOV HTR REF: 5GW2740-KE-15 — G4-10
- 2KE-EFU1-181B-A — 5A — MOV HTR REF: 5GW2740-KE-16 — G4-11
- 2KE-EFU1-268B-A — 5A — MOV HTR REF: 5GW2740-KE-22 — G4-12
- 2KE-EFU1-275B-A — 5A — MOV HTR REF: 5GW2740-KE-22 — G4-13

BKR NO. 3 — 120V CONTROL POWER — 15A — 2EI-52-62DC-A

- 2ND-EFU1-048B-A — 5A — MOV HTR REF: 5GW2740-ND-05 — G4-17
- 2ND-EFU1-080B-A — 5A — MOV HTR REF: 5GW2740-ND-11 — G4-18
- 2ND-EFU1-085C-A — 5A — MOV HTR REF: 5GW2740-ND-06 — G4-19
- 2ND-EFU1-098B-A — 5A — MOV HTR REF: 5GW2740-ND-08 — G4-20
- 2ND-EFU1-185C-A — 5A — MOV HTR REF: 5GW2740-ND-09 — G4-21
- 2NL-EFU1-149B-A — 5A — MOV HTR REF: 5GW0640-NL-10 — G4-22
- 2NS-EFU1-031B-A — 5A — MOV HTR REF: 5GW0640-NS-06 — G4-23
- 2NS-EFU1-081B-A — 5A — MOV HTR REF: 5GW0640-NS-05 — G4-24
- 2NS-EFU1-105B-A — 5A — MOV HTR REF: 5GW0640-NS-07 — G4-25
- 2ND-EFU1-235C-A — 5A — MOV HTR REF: 5GW2740-ND-12 — G4-26

BKR NO. 4 — 15A — 2EI-52-62BC-A

- 2NL-EFU1-151B-A — 5A — MOV HTR REF: 5GW0640-NL-11 — G4-27
- 2NL-EFU1-150B-A — 5A — MOV HTR REF: 5GW0640-NL-10 — G4-28
- 2EI- — 5A — SPARE — G4-29
- 2EI- — 5A — SPARE — G4-30
- 2EI- — 5A — SPARE — G4-31
- 2EI- — 5A — SPARE — G4-32
- 2EI- — 5A — SPARE — G4-33
- 2ND-EFU1-010B-A — 5A — MOV HTR REF: 5GW2740-ND-10 — G4-16
- 2KE-EFU1-402B-A — 5A — MOV HTR REF: 5GW2740-KE-20 — G4-15
- 2KE-EFU1-400B-A — 5A — MOV HTR REF: 5GW2740-KE-20 — G4-14

BKR NO. 5 — 15A — 2EI- — SPARE

BKR NO. 6 — 15A — 2EI- — SPARE

CONTINUED BELOW

NOTES:
1. FOR GENERAL NOTES, REFERENCE DWGS AND SYMBOLS SEE DWG 5AW2734-EI-1.

AUXILIARY RELAYS BACK PANEL GB

- GB2-1 — 2EI- — ERLY — ITE J10 — GB2-2 — SPARE
- GB3-1 — 2EI- — ERLY — ITE J10 — GB3-2 — SPARE
- GB4-1 — 2EI- — ERLY — ITE J10 — GB4-2 — SPARE
- GB5-1 — 2EI- — ERLY — ITE J10 — GB5-2 — SPARE
- GB6-1 — 2EI- — ERLY — ITE J10 — GB6-2 — SPARE
- GB7-1 — 2EI- — ERLY — ITE J10 — GB7-2 — SPARE

- GB8-1 — 2EI-ERLY-62BG-A — ERLY — ITE J10 — GB8-2 — MOV BY-PASS REF: 5GW2740-EI-11
- GB9-1 — 2EI-ERLY-62BH-A — ERLY — ITE J10 — GB9-2 — MOV BY-PASS REF: 5GW2740-EI-11
- GB10-1 — 2EI-ERLY-62BJ-A — ERLY — ITE J10 — GB10-2 — MOV BY-PASS REF: 5GW2740-EI-11
- GB11-1 — 2EI-ERLY-62BK-A — ERLY — ITE J10 — GB11-2 — MOV BY-PASS REF: 5GW2740-EI-11
- GB12-1 — 2EI-ERLY-62BL-A — ERLY — ITE J10 — GB12-2 — MOV BY-PASS REF: 5GW2740-EI-11

CONTINUED FROM ABOVE

120V, CONTROL POWER

BACK PANEL GB

- 2EI- — 10A — SPARE — GB14-1
- 2EI- — 10A — SPARE — GB14-2
- 2EI- — 10A — SPARE — GB14-3
- 2EI- — 10A — SPARE — GB14-4
- 2EI- — 10A — SPARE — GB14-5
- 2EI- — 10A — SPARE — GB14-6
- 2EI-EFU1-628D-A — 10A — BY-PASS REF: 5GW2740-EI-11 — GB14-7
- 2EI-EFU1-628F-A — 10A — GB14-8

120V SHUNT TRIP CIRCUITS

- GB14-10 — SPARE
- GB14-11 — SPARE
- GB14-12 — SPARE
- GB14-13 — SPARE
- GB14-14 — SPARE

PRC APERTURE CARD

Docket # 50-438
Control # 8304050536
Date 4-25-83 of Document:
REGULATORY DOCKET FILE

REV NO	ECN NO	DATE	DSN	DRWN	CHK	SUPV	ENGR	INSP	SUBM	RECM	APPD
DSGN	E.S. Mayo										
DRWN	A.F. Gupp										
CHKD	T.A. Penne										
SUPV											
INSP											
ENGR	C.W. Pickford										

SCALE: NTS — EXCEPT AS NOTED

AUXILIARY BUILDING
UNIT 2

SINGLE LINE
480V MCC 2E2-A
2EI-EMCC-62-A

REVIEWED
EED E.W. Chandler 1/31/83
CEB
MEB
NEB

INSPECTED AND APPROVED FOR ISSUE

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
Q

SUBMITTED	RECOMMENDED	APPROVED
[signature]	[signature]	K.W. Hobson
KNOXVILLE 1-20-83	88 E	5AW2734-EI-03 R0

RECORD DRAWING AS CONSTRUCTED

PRINT SIZE E