FOR NOTES SEE 5GW0640-EP-08 AND SUBSTITUTE 2 FOR 1 ON UNID PREFIXES IN NOTES WHERE APPLICABLE.

B-K ELECTRICAL PRODUCTS DIV. DWG 90-B903-CI

2EX-ETB-32A

2EX-ETB-32B

2EX-ETB-32C

BREAKER TRIP/ UNDERVOLTAGE/ FUSE BLOW CLOSE TO ALARM

2IX-IE-020B UNIT ANN TERM CAB 5GW2640-IA-01

090-E60C-64 ORA TERM CAB 9CWT364-GA-02

TERM 0419

TBP-80

2IA-ECA2-55

OQA-ECA2-905

TYPICAL ANNUNCIATOR WIRING NOTE 10 (SH. 5)

2EX-EFL-2200

2EX-27-2208

NOTE 1C (SH. 5) 10A

2EX-EFW2-2200

10A

NOTE 7

TRC-1

TRC-2

TRC-3

TRC-4

10 SEC TDDB

COMPUTER ROOM EL 629

2IX-IC-003A UNIT COMPUTER MAIN FRAME CABINET 5GW2640-IC-02 , ZONE D2

2IX-IC-003F UNIT COMPUTER MAIN FRAME 5GW2640-IC-02 , ZONE D3

2IX-IC-006B UNIT COMPUTER LOCAL ANALOG INPUT PERIPHERAL CONTROL ASSEMBLY (LAIPC) 5GW2640-IC-03 , ZONE D1

2IX-IC-005D UNIT COMPUTER LOCAL ANALOG INPUT PERIPHERAL TERMINATION ASSEMBLY (LAIPT) CABINET 5GW2640-IC-03 , ZONE D2

2IX-IL-004B UNIT COMPUTER REMOTE ANALOG INPUT PERIPHERAL CONTROL ASSEMBLY (RAIPC) CABINET 5GW2640-IC-03 , ZONE D4

AUXILIARY BLDG EL 649, A10-8

2IX-IXPA-002B UNIT COMPUTER REMOTE ANALOG INPUT PERIPHERAL TERMINATION ASSEMBLY (RAIPT) CABINET 5GW2640-IC-03 , ZONE D9

COMPUTER ROOM EL 629

2IX-IC-008A UNIT COMPUTER LOGIC INPUT/OUTPUT PERIPHERAL CONTROL ASSEMBLY (LIOPC) CABINET 5GW2640-IC-03 , ZONE D6

2IX-IC-007A UNIT COMPUTER LOGIC INPUT/OUTPUT PERIPHERAL TERMINATION ASSEMBLY (LIOPT) 5GW2640-IC-03 , ZONE D6

2IX-IC-009 UNIT COMPUTER PROGRAMMERS CONSOLE 5GW2640-IC-02 , ZONE E6

MAIN CONTROL ROOM EL 673

2IX-IM-005 UNIT COMPUTER ENGINEERING CONSOLE 5GW2640-IC-02 , ZONE B1

2IX-IM-018 UNIT COMPUTER/SEAMS OPERATOR'S CONSOLE 5GW2640-IC-02 , ZONE B6

AUXILIARY BLDG.

2IX-IMXA-002A SEAMS MULTIPLEXER 5GW0640-IS-07 — 2IX-ISOL-280-A BOP ISOLATOR 5GW2640-IX-07

2IX-IMXA-004A SEAMS MULTIPLEXER 5GW0640-IS-07 — 2IX-ISOL-247-B BOP ISOLATOR 5GW2640-IX-07

2IX-IMXA-008A SEAMS MULTIPLEXER 5GW0640-IS-07 — 2IX-ISOL-248-A BOP ISOLATOR 5GW2640-IX-07

2EX-52-3201	1	20A	25A NOTE 6	2	2EX-52-3202
2EX-52-3203	3	20A	25A NOTE 6	4	2EX-52-3204
2EX-52-3205	5	15A	25A NOTE 6	6	2EX-52-3206
2EX-52-3207	7	15A	25A NOTE 6	8	2EX-52-3208
2EX-52-3209	9	15A	25A NOTE 6	10	2EX-52-3210
2EX-52-3211	11	15A	25A NOTE 6	12	2EX-52-3212
2EX-52-3213	13	15A	15A	14	2EX-52-3214
2EX-52-3215	15	15A	20A	16	2EX-52-3216
2EX-52-3217	17	15A	15A	18	2EX-52-3218
2EX-52-3219	19	15A	15A	20	2EX-52-3220
2EX-52-3221	21	15A	15A	22	2EX-52-3222
2EX-52-3223	23	20A	15A	24	2EX-52-3224
2EX-52-3225	25	15A	15A	26	2EX-52-3226
2EX-52-3227	27	15A	15A	28	2EX-52-3228
2EX-52-3229	29	15A	15A	30	2EX-52-3230

SPARE

SPARES

TBA-16 TBB-16 … TBA-30 TBB-30

120V AC COMPUTER UPS DISTR PNL 2EX-EBP-52

H BUS

N BUS

2IX-IC-003F SEAMS MAIN FRAME CABINET 5GW0640-IS-07, ZONE G6

2IX-IC-001A SEAMS MAIN FRAME CABINET 5GW0640-IS-06 , ZONE G6

2IX-IC-001B SEAMS MAIN FRAME CABINET 5GW0640-IS-06 , ZONE G7

2IX-IC-001C SEAMS MAIN FRAME CABINET 5GW0640-IS-06, ZONE G8

2IX-IC-001D SEAMS MAIN FRAME CABINET 5GW0640-IS-06 , ZONE G9

2IX-IC-001E SEAMS MAIN FRAME CABINET 5GW0640-IS-06 , ZONE G9

2IX-IC-002 SEAMS PROGRAMMERS CONSOLE 5GW0640-IS-06 , ZONE G3

2IX-IM-020 RADIATION MONITORING PANEL 5GW0640-IR-04 , ZONE F7

2IX-IM-015 SEAMS SUPERVISORY PANEL 5GW0640-IS-06 , ZONE G10

MAIN CONTROL ROOM EL 673

COMPUTER ROOM EL 629

2IX-IX-011 SEAMS MULTIPLEXER 5GW0640-IS-07 , ZONE E1

2IX-IS-011 SEAMS MULTIPLEXER 5GW0640-IS-07 , ZONE E2

2IX-ISOL-249-B BOP ISOLATOR 5GW2640-IX-07 — 2IX-IMXA-001A SEAMS MULTIPLEXER 5GW0640-IS-07

AUXILIARY BLDG.

COMPANION DRAWINGS: 5GW0640-EP-05,06,08

1E2P-ECA4-30

1201 AC COMPUTER POWER TRANSFER PANEL 0EX-ETP-01

5GW0640-EP-08 ZONE C-8

120V AC COMPUTER POWER DISTRIBUTION SYSTEM

PRINTS REQ'D BR w/ PROJ — DRG: R | E; ME 7 | EE 7 | RE | AD | SD | ED | MD | DF | SW | EL | PA

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

PRC APERTURE CARD

4	SI	7-7-83	ECN 401
3	960, SI	7-7-83	CN'S 2,4,6,8,10 & 12 ALARM CONTACT TERMINALS AND NOTES REVISED. ADDED 6 NIGH INRUSH BKR'S, ISOLATORS, REMOVED LOCAT B.N.S.
2	ECN 401	5-10-83	ADD 2IX-IC-001F LOAD.
1	ECN SI	7-12-82	MINOR CHANGES AND REVISIONS.

ECN NO.	DATE	DSGN	DRWN	CHKD	SUPV	TECH	QA	ECCS	APPD
DSGN B.L. WHEELER									
DRWN S.E. PICKETT / S.A. FRANKLIN									
CHKD G.K. TICKLE									
SUPV A.E. GRANTHAM									

INSP

ENGINEER

GENERAL
UNITS 1&2

SCHEMATIC DIAGRAM
250V NORMAL DC POWER
DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

N

SUBMITTED	RECOMMENDED	APPROVED

INSPECTED AND APPROVED FOR ISSUE

DESIGN PROJECT MANAGER

KNOXVILLE 11-3-77

88 E 5GW0640-EP-07 R6

ASBUILT DRAWING AS CONSTRUCTED