NOTES:
1. FOR GENERAL NOTES AND SYMBOLS SEE 5GW1740-RT-01.

BOP ISOLATORS
1IX-ISOL-158-A
I
48V DC
TK 9
TK 10
SG
MON
M1218
FOR CKT DETAILS SEE 5GW0640-IS-01

1IS-ECA2-2436-A
BK W

480 3Ø AC
AØ BØ CØ
F2-15
F2-16
EBUF
(5GW0747-RP-6)
TYPICAL 1VH3

480V MCC 1E4-A COMPT F2
1EI-EMCC-6472-A
DGB EL 655, COL D2-M

EFU1-009-A
1.5A
480/120V
EBUF
M
R
ECMS-009-A
T1 T2 T3
AØ BØ CØ
F2-4
F2-1
W BK
ECA4-38-A
ECA3-39-A
H1 H2 H3
L1 L2
EHTR-009-A
GEN THERMOSTAT

DG 001-A
GEN SPACE HTR JUNCTION BOX
EMB-001E-A
DGB EL 629, COL D3-J
REF THE ELECTRIC PRODUCTS CO
DWG D09069 R

DG 001-A GENERATOR SPACE HTR
EHTR-009-A

BOP ISOLATORS
1IX-ISOL-159-B
I
48V DC
TK 9
TK 10
SG
MON
M1219
FOR CKT DETAILS SEE 5GW0640-IS-01

1IS-ECA2-2437-B
BK W

480 3Ø AC
AØ BØ CØ
D3-15
D3-16
EBUF
(5GW0747-RP-6)
TYPICAL 1VH3

480V MCC 1E4-B COMPT D3
1EI-EMCC-6903-B
DGB EL 655, COL D1-J

EFU1-009-B
1.5A
480/120V
EBUF
M
R
ECMS-010-B
T1 T2 T3
AØ BØ CØ
D3-4
D3-1
W BK
ECA4-40-B
ECA3-41-B
H1 H2 H3
L1 L2
EHTR-010-B
GEN THERMOSTAT

DG 002-B
GEN SPACE HTR JUNCTION BOX
EMB-002E-B
DGB EL 629, COL D2-J
REF THE ELECTRIC PRODUCTS CO
DWG D09069R

DG 002-B GENERATOR SPACE HTR
EHTR-010-B

SSCS TERM CAB
1IX-IR-003-A
EL 669
COL A3-R
OPEN
1KE-1FCV-295-A
5GW1740-KE-18
Y4
XO
2GB0910-IL-13
SUBSEQUENT UV
Z1

SSCS TERM CAB
1IX-IS-003-B
EL 669
COL A3-R
SUBSEQUENT UV
2GB0910-IL-17
Z1
OPEN 1KE-1FCV-357-B
5GW1740-KE-19
Z1
XO

SSCS TERM CAB
1IX-IS-005-B
EL 669
COL A3-Q
Y5
DSL GEN EMER START
Y6
DSL GEN EMER START
2GW0900-RT-1
2GB0910 (IL-18) SUBSEQUENT UV
2GB0910 (IL-18) 2-OUT-OF-3 UV
DSL GEN NOT STOPPED EMER MODE
Y7 X11 X10 X9 X7 Z1 Z2

SSCS TERM CAB.
1IX-IR-005-A
EL 669
COL A4-Q
2GB0910-IL-14
SUBSEQUENT UV
Z1
2 OUT OF 3 UV
Z2

SSCS TERM CAB.
1IX-IR-007-A
EL 669
COL A4-R
2GW0900-RT-1
2-OUT-OF-3 SUBSEQUENT UV (MAINTAINED)
2-OUT-OF-3 SUBSEQUENT UV (MOMENTARY)
2-OUT-OF-3 UV
DSL GEN TEST START
OPEN 1KE-1FCV-338-A
5GW1740-KE-18
2GW0900-RT-1
DSL GEN TEST START
X8 X4 X3 X12
X13 X11 X10 X9 X7 Y4

2-OUT-OF-3 SUBSEQUENT UV (MAINTAINED)
2-OUT-OF-3 SUBSEQUENT UV (MOMENTARY)
2-OUT-OF-3 UV
DSL GEN TEST START
(X3) X8
DSL GEN TEST START
(X4) X13
DSL GEN TEST START
X12
SSCS TERM CAB.
1IX-IS-007-B
EL 669
COL A3-R
2GW0900-RT-1

SSCS TERM CAB.
1IX-IR-013-A
EL 669
COL A4-O
Y7 X11 X10 X9 X7 Y6 Y5
DSL GEN NOT STOPPED EMER MODE
DSL GEN EMER START
2GW0900-RT-1

Z1 XO
OPEN 1KE-1FCV-296-B
5GW1740-KE-19
SSCS TERM CAB.
1IX-IS-013-B
EL 669
COL A3-Q

DG 001-A AND 002-B SSCS CAB. TO CAB. WIRING, SHOWN FOR INFO ONLY. THE CABLES ARE DOCUMENTED ON 5GW0640-IL (SERIES.)

APERTURE CARD

Docket # 50-438
Control # 8202090064
Date 820202 of Document
REGULATORY DOCKET FILE

| REV NO. | ECN NO. | DATE | DSGN | DRWN | CHKD | SUPV | ENGR | INSP | SUBM | RECM | APPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S1 | 5-8-79 | ETN | | | | | | | | |

ADDED SEAMS, PT NO., CABLE NO., REF DWG NO., CHANGED SEAMS/ISOLATORS TO BOP ISOLATORS, ADDED BOP ISOLATOR TERM. NO. & INTERNALS. OTHER MINOR CHANGES.

DSGN E.N. Krauss
DRWN E. N. Krauss J. W. Gibson
CHKD J.M. Lasley
SUPV D. Massey
INSP
ENGINEER W.L. Alderdice

SCALE: NONE EXCEPT AS NOTED

GENERAL
UNIT 1

SYSTEM SCHEMATIC
DG CONT SYSTEM-RT

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
Q

| SUBMITTED | RECOMMENDED | APPROVED |
|---|---|---|
| W.L. Alderdice | J.M. Lasley | R.M. Mass |

KNOXVILLE 10-2-78 88 E 5GW1740-RT-05 R1
RECORD DRAWING AS CONSTRUCTED

REVIEWED
RC (CIVIL) N/A
RE (ELEC) N/A
RM (MECH) N/A

PRINT H
SIZE F
AR ON PROJ ME EA CA AS CO ED MD SW BL PA
PRINTS REQD-R