FOR GENERAL NOTES, REFERENCES AND PLAN VIEW SEE SGW0640-EP-19.

SPARE

115-IZ-4048 250 VDC INST. POWER DIST. SGW0640-IM-01

SPARE

SPARE

SPARE

SPARE

115-IMXT-006 SEIMS MULTIPLEXER SGW0640-IS-03

SPARE

EFS SF SOL VALVES 1EF-SOV-0003,004,015, 016,0026,0027,0038,039 SGW1640-SE-11

OIX-IMXT-001 CONCRETE DEGENERALIZER ANNUNCIATOR/MMR FOR) SGW0750-IX-04

115-IDT-002 MISCELLANEOUS INSTRUMENTATION SGW1640-CF-13

115-IDT-001 MFP-1 CONTROL PNL SGW1640-CF-20

OIX-IMXT-004 SEIMS MULTIPLEXER SGW0640-IS-04

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SEIMS MULTIPLEXER 115-IMXT-005 LOCATED IN 115-IMXT-006

SGW0640-115A

115-SGW2-2231

TBA-21 TBB-21

ANNUNCIATION POINTS TYPICAL ALL BREAKERS

ANNUNCIATION TERMINAL BLOCKS

SHORTING BARS

TBA TBB

TBB-22 TBA-22 TBB-21 TBA-21 SPARES

TO INDICATING LIGHT 1EZ-EEL-4900

1EZ-EFU2-4900 FUSE BLOCK

120V AC INSTRUMENT DISTR PNL 1EZ-EDP-4A SGW0640-EP-19

1EP-EG44-70

TO LOAD SIDE OF FUSE SET 1EZ-EFU2-4900

1EZ-EEL-4900

1EZ-52-4902 1EZ-52-4904 1EZ-52-4906 1EZ-52-4908 1EZ-52-4910 1EZ-52-4912 1EZ-52-4914 1EZ-52-4916 1EZ-52-4918 1EZ-52-4920 1EZ-52-4922 1EZ-52-4924 1EZ-52-4926 1EZ-52-4928 1EZ-52-4930 1EZ-52-4932 1EZ-52-4934 1EZ-52-4936

1EZ-52-4900 1EZ-52-4901 1EZ-52-4903 1EZ-52-4905 1EZ-52-4907 1EZ-52-4909 1EZ-52-4911 1EZ-52-4913 1EZ-52-4915 1EZ-52-4917 1EZ-52-4919 1EZ-52-4921 1EZ-52-4923 1EZ-52-4925 1EZ-52-4927 1EZ-52-4929 1EZ-52-4931 1EZ-52-4933 1EZ-52-4935

NON-AUTOMATIC

120V AC INSTRUMENT DISTR PNL 1EZ-EDP-4A SGW0640-EP-19

SPARE

SPARE

115-IM-0070 RADIATION MONITORING SYSTM AND CONTROL SGW0640-IS-04

SPARE

115-IMXP-1 MAIN COOLING WATER STRAINER CONTROL PNL SGW1740-KF-07

115-IMXP-2 SFP COOLING WATER STRAINER CONTROL PNL SGW1740-KF-07

115-IMXT-001 SEIMS MULTIPLEXER SGW0640-IS-03

115-IMXT-003 GENERATION CORE CONCRETE DEGENERATOR SGW1640-TK-01

OIX-IMXP-005 MAKEUP DEMINERALIZER ANNUNCIATOR SGW0740-IW-05

DOT-43-303 TURB BLDG FUSED VENT SYS (MMR FOR) SGW0640-MT-08

115-IMXP-015 MFP-1A CONTROL PNL SGW1640-CF-19

OIX-IMXT-003 SEIMS MULTIPLEXER SGW0640-IS-04

ORH-SFPX-500,502,504 SPENT FUEL POOL EXH SYS CH ATR SOLN SGW1640-RK-12

SPARE

SPARE

SPARE

SPARE

SPARE

COMPANION DWGS: SGW0640-EP-03, 19, 20, 28

INSPECTED AND APPROVED FOR ISSUE

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

PRC APERTURE CARD

| | | |
|---|---|---|
| 3 | SI | INCORPORATED FCR E-2183 ADDED LOAD TO BKR 28 PER SI. |
| 2 | 1140 | REVISED LOADS, REMOVED LOCATIONS. |
| 1 | SI | REVISED, ADDED LOADS, CABLE NUMBERS, MONITORING POINT. |

DSN C.O. PETERSON
DRN K.C. FAULKNER
CHK K.E. KERR
SUP D.C. DOWNTON
MGR
CONCURS H.W. STEVENSON

SCALE: NTS — EXCEPT AS NOTED

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 |
|---|---|---|
| | | |

KNOXVILLE | 7-12-77 | 88 | E | SGW0640-EP-21 | R3

THIS DRAWING

THIS DRAWING HAS BEEN REDRAWN ORIGINAL DESTROYED 9-11-79