S1

FIELD WIRING BY TVA

SQN0640-EP-35 ZONE H1 POWER WIRING CONTINUED ON FBC

TBB CONT'G (SEE ACTUAL ARRANGEMENT BELOW)

2VA-ITE-1546, 545, 530 (2YD-ELDP-10) SQN2740-YD-04	2VA-ITE-1556 SQN2740-YA-08	Cnt-MCCR-282 SQN0740-MA-07	SPARE	2IR-IFS-0043.008A,008C, 009C SQN0640-1R-08	2IR-IFS-0044.008A,008C, 009C SQN0640-1R-28	2IR-IFS-0154.015B,015C, 015C SQN0640-1R-28	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
77	78	79	80	81	82	83	84								
62	63	64	65	66	67	68	69	6A	6B	6C	6D	6E	6F	6G	

(CONTINUED FROM BELOW LEFT) FED

2EZ-EFUI-4761 15A

2EZ-EFUI-4762 5A

2EZ-EFUI-4763 5A

2EZ-EFUI-4764 5A

2EZ-EFUI-4765 5A

2EZ-EFUI-4766 5A

2EZ-EFUI-4767 5A

2EZ-EFUI-4768 5A

2EZ-EFUI-4769 5A

2EZ-EFUI-476A 5A

2EZ-EFUI-476B 5A

2EZ-EFUI-476C 5A

2EZ-EFUI-476D 5A

2EZ-EFUI-476E 5A

2EZ-EFUI-476F 5A

2EZ-EFUI-476G 5A

CONTINUED ON SQN0640-EP-35 BY WFBR

WIRING BY MANUFACTURER, TYPICAL OF FBC, SEE NOTE 3, SH 30

ANNUNCIATION WIRING CONTINUED ON FBC SQN0640-EP-35 ZONE H1

ANNUNCIATION WIRING FROM FBC SQN0640-EP-32 ZONE E1

(SH 1)

S1

FIELD WIRING BY TVA

SPARE	2VA-ITE-1546, 2546 SQN2740-YA-12	2IR-IFS-0014.008, 008C, 009C SQN0640-1R-28	SPARE	SPARE	2IR-IFS-0024.008B, 008C, 009C SQN0640-1R-28	2IR-IFS-0034.008B, 008C, 009C SQN0640-1R-28	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
52	53	54	55	56	57	58	59						
52	53	54	55	56	57	58	59	5A	5B	5C	5D	5E	5F

TBA (SEE ACTUAL ARRANGEMENT BELOW)

FED

2EZ-EFUI-4751 15A

2EZ-EFUI-4752 5A

2EZ-EFUI-4753 5A

2EZ-EFUI-4754 5A

2EZ-EFUI-4755 5A

2EZ-EFUI-4756 5A

2EZ-EFUI-4757 5A

2EZ-EFUI-4758 5A

2EZ-EFUI-4759 5A

2EZ-EFUI-475A 5A

2EZ-EFUI-475B 5A

2EZ-EFUI-475C 5A

2EZ-EFUI-475D 5A

2EZ-EFUI-475E 5A

2EZ-EFUI-475F 5A

2EZ-EFUI-475G 5A

(CONTINUES ABOVE RIGHT)

2EP-EFUI-1A FUSES CABLE 2EP-EEQC-08

SEE SHT 3C

2EP-EEQC-08 AUXILIARY CONTROL ROOM 120V AC DISTRIBUTION CABINET

WIRING BY MANUFACTURER, SEE NOTE 3, SH 30

120V AC INSTRUMENT POWER DISTRIBUTION PANEL 2EZ-EDP-47

(CONTINUED FROM SQN0640-EP-32, 33)
(CONTINUED ON SQN0640-EP-35)

FIELD WIRING BY TVA

NEUTRAL CONNECTIONS FOR TERMINAL BOARD AND FUSES ABOVE

NEUTRAL

#8 AWG, TYPICAL

TBB

(PARTIAL, SEE SH 3A FOR GENERAL TERMINAL ARRANGEMENT)

NEUTRAL WIRING CONTINUED ON SQN0640-EP-35 ZONE H8

NOTES:

1. FOR GENERAL NOTES REFERENCES, REFER TO SQN0640-EP-30.
2. THIS DRAWING SUPERSEDES GOULD DRAWING E48-930490B3, SHEET 3, CONTRACT TVA-623705, FOR CABINET DOCUMENTATION

COMPANION DWGS: SQN0640-EP-30, 32, 33, 36

S1

INSPECTED AND APPROVED FOR ISSUE

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

PRC APERTURE CARD

1 S1.000 REDRAWN, ADDED FUSE LOADS, POWER FOR 0.1A

ECN NO. DATE

DRAWN: C. O. PETERSON
CHECKED: C. K. O'NEAL, W. C. PATRICK
TRACED: J. P. BEARD
SUBMITTED: C. K. CURTISS
M. R. STEVENSON

SCALE: NTS EXCEPT AS NOTED

GENERAL
UNITS 1 & 2

SCHEMATIC DIAGRAM
250 VDC NORMAL POWER
DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

N

SUBMITTED	RECOMMENDED	APPROVED
M.R. STEVENSON	R.L. SPRIMMER	R.M. MOSSER

KNOXVILLE 88 E SQN0640-EP-34 M