NOTES:
1. FOR GENERAL NOTES AND REFERENCES, REFER TO SQN0640-EP-30.
2. THIS DRAWING SUPERSEDES GOULD DRAWING C48-5304D083, SHEET 4, CONTRACT TVA-82SP08, FOR CABINET DOCUMENTATION.

S1

FIELD WIRING BY TVA

(CONTINUED FROM BELOW LEFT)

TBA CONTINUED (SEE ACTUAL ARRANGEMENT BELOW)

SPARE
2VH-IFSV-021,022,2HIS-0020
2VH-IFSV-001,011
2TR-IFSV-003,005
SQN27-40-VH-01

2VH-ITI-013A,013B
SQN27-40-VH-14

XCR-IFSV-023,024,ABF
SQN26-40-CR-09

SPARE
SPARE
SPARE

DHC-ETR-040
SQN07-40-HC-02

SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE

FSC

2EZ-EFUI-4F41 5A
2EZ-EFUI-4F42 5A
2EZ-EFUI-4F43 5A
2EZ-EFUI-4F44 5A
2EZ-EFUI-4F45 5A
2EZ-EFUI-4F46 5A
2EZ-EFUI-4F47 5A
2EZ-EFUI-4F48 5A
2EZ-EFUI-4F49 5A
2EZ-EFUI-4F4A 5A
2EZ-EFUI-4F4B 5A
2EZ-EFUI-4F4C 5A
2EZ-EFUI-4F40 5A
2EZ-EFUI-4F4E 5A
2EZ-EFUI-4F4F 5A
2EZ-EFUI-4F4G 5A
2EZ-EFUI-4F4H 5A

* MANUFACTURER'S WIRING, TYPICAL OF FBC SEE NOTE 3, SH 30

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

(CONTINUED FROM SQN0640-EP-32)
(CONTINUED ON SQN0640-EP-34,35)

FIELD WIRING BY TVA

UNDER VOLTAGE ALARM FEEDER A SQN0640-EE-A1 ZONE 6D

-2EP-EC43-R6

H. BY FIELD

NEUTRAL CONNECTIONS FOR TERMINAL BOARD AND FUSES ABOVE

W. WFAR. TYPICAL

TBA

(PARTIAL, SEE SHEET 34 FOR GENERAL TERMINAL ARRANGEMENT)

H. BY WFAR

NEUTRAL CONNECTIONS CONTINUED FROM TBA

ZONE 8B

COMPANION DRGS:
SQN0640-EP-30-32, 34-36
- S1

690

S1

FIELD WIRING BY TVA

TBA (SEE ACTUAL ARRANGEMENT BELOW)

SPARE
XCR-IFSV-022,250
SQN26-40-CR-09
SPARE
OEC-TLDA-002
(CHEM ADD ANN LIGHT BOX)
SQN0640-3A-02
2VH-IFSV-020,023,2HIS-0050
2VH-IFIS-004,013
2TR-IFSV-002
SQN27-40-VH-01
2VH-ITI-012A,012B
SQN27-40-VH-14
DCR-IFSV-006,009,006
SQN26-40-CR-08
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE

CONTINUED FROM SH 32

2EI-EFUI-4F31 15A
2EI-EFUI-4F32 5A
2EI-EFUI-4F33 5A
2EI-EFUI-4F34 5A
2EI-EFUI-4F35 5A
2EI-EFUI-4F36 5A
2EI-EFUI-4F37 5A
2EI-EFUI-4F38 5A
2EI-EFUI-4F39 5A
2EI-EFUI-4F3A 5A
2EI-EFUI-4F3B 5A
2EI-EFUI-4F3C 5A
2EI-EFUI-4F30 5A
2EI-EFUI-4F3E 5A
2EI-EFUI-4F3F 5A
2EI-EFUI-4F3G 5A

(CONTINUED ABOVE RIGHT)

* MANUFACTURER'S WIRING SEE NOTE 3, SH 30

POWER CONNECTIONS CONTINUED FROM FBC
SQN0640-EP-32 ZONE 6I

SQN0640-EP-32 ZONE 8G
ANNUNCIATION WIRING CONTINUED FROM FSC

H. BY WFAR

2EP-EEQC-08
AUXILIARY CONTROL ROOM
1PNV AC DISTRIBUTION CABINET

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

PRC APERTURE CARD

1	3/4/88		REDRAWN, ADDED FUSE LOADS, UV ALARM CIRCUITRY
REV. NO.	DATE		

C.B. PETERSON — DESIGN
M.C. DUNCAN — DRAWN
M.C. HEARN — CHECKED
D.E. COUNTISS — APPROVED
M.R. STEVENSON

SCALE: NTS — EXCEPT AS NOTE

GENERAL
UNITS 1 & 2

SCHEMATIC DIAGRAM
250 VDC NORMAL POWER
DISTRIBUTION SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

SUBMITTED	RECOMMENDED	APPROVED
M.R. STEVENSON	J.L. SPRUNER	R.H. GOODELL

INSPECTED AND APPROVED FOR ISSUE

KNOXVILLE — 88 E — SQN0640-EP-33