NOTES:
1. FOR GENERAL NOTES AND REFERENCES, REFER TO SGW0640-EP-23.
2. THIS DRAWING SUPERSEDES GOULD DRAWING 048-93049003, SHEET 4, CONTRACT 78X4-823F08, FOR CABINET DOCUMENTATION.

FIELD WIRING BY TVA

(CONTINUED FROM BELOW LEFT)
TBA CONTINUED (SEE ACTUAL ARRANGEMENT BELOW)

O2R-IFS-018A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T,U,V,W,X,Y,Z,AA,AB,AC,AD,AE,AF,AH,AJ,AK,AL,AM,AN,AP,AQ,AR,AS,AT,AU,AV,AW,AX,AY,AZ,BA,BB,BC,BD,BE,BF,BH,BJ,BK,BL,BM,BN,BP,BQ,BR,BS,BT,BU,BV,BW,BX,BY,BZ,CA,CB,CC,CD,CE,CF,CH,CJ,CK,CL,CM,CN,CP,CQ,CR,CS,CT,CU,CV,CW,CX,CY,CZ,DA,DB,DC,DD,DE,DF,DH,DJ,DK,DL,DM,DN,DP,DQ,DR,DS,DT,DU,DV,DW,DX,DY,DZ,EA,EB,EC,D120	SGW0640-IR-28	1VH-IFSV-021, 022, 002 1VH-IFIS-001, 012 12R-IFSV-003, 005 SGW1740-VH-01	1VH-ITI-013A,013B	SGW1740-VH-14	1CR-IFSV-023, 024, 023	SGW1640-CR-09	O2R-IFS-013A,013B,013C,0130	SGW0640-IR-28	SPARE	OVC-ETH-041	SGW0740-VC-03	SPARE	0AG-IFSV-069, 065	SGW0740-AO-01	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
127		128		129		130		131		132		133				
42	43	44	45	46	47	48	49	54	48	46	49	46	46	46	46	46
FBC	1EZ-EFUI-4741 15A	1EZ-EFUI-4742 5A	1EZ-EFUI-4743 5A	1EZ-EFUI-4744 5A	1EZ-EFUI-4745 5A	1EZ-EFUI-4746 5A	1EZ-EFUI-4747 5A	1EZ-EFUI-4748 5A	1EZ-EFUI-4749 5A	1EZ-EFUI-4744 5A	1EZ-EFUI-4748 5A	1EZ-EFUI-474C 5A	1EZ-EFUI-4740 5A	1EZ-EFUI-4746 5A	1EZ-EFUI-4746 5A	1EZ-EFUI-4746 5A

MANUFACTURER'S WIRING, TYPICAL OF FBC
SEE NOTE 3, SH. 23

120V AC INSTRUMENT POWER DISTRIBUTION PANEL 1EZ-EDP-47

(CONTINUED FROM SGW0640-EP-25, SGW0640-EP-27, 28)
(CONTINUED ON SGW0640-EP-27)

FIELD WIRING BY TVA

UNDER VOLTAGE ALARM FEEDER A SGW0640-EP-28 ZONE 09

IEP-EQA3-06

H. BY FIELD

8K W

SPARE	1CR-IFSV-022, 280	SGW1640-CR-09	0IA-ILPA-022 (TO ANN LIGHT BOX)	SGW1640-1A-02	0IA-ILPA-106 (COMN ADD ANN LIGHT BOX)	SGW1640-1A-02	1VH-IFSV-020, 023, 005 1VH-IFIS-004, 013 12R-IFSV-002 SGW1740-VH-01	1VH-ITI-012A,012B	SGW1740-VH-14	1CR-IFSV-008, 009,006	SGW1640-CR-08	0ML-IFSV-290,447,609 0ML-IFIS-2900 SGW0740-MO-01	SPARE	O2R-IFS-010A,010B,010C,010D	SGW0640-IR-28	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
102		103		104		105		106		107		108		109		
32	33	34	35	36	37	38	39	34	38	3C	30	3E	3F	36		
1EZ-EFUI-4731	1EZ-EFUI-4732	1EZ-EFUI-4733	1EZ-EFUI-4734	1EZ-EFUI-4735	1EZ-EFUI-4736	1EZ-EFUI-4737	1EZ-EFUI-4738	1EZ-EFUI-4739	1EZ-EFUI-473A	1EZ-EFUI-473B	1EZ-EFUI-473C	1EZ-EFUI-4730	1EZ-EFUI-473E	1EZ-EFUI-473F	1EZ-EFUI-4736	

139 138 137 136 135 134 133 132 131 130 129 128 127

NEUTRAL CONNECTIONS FOR TERMINAL BOARD AND FUSES ABOVE.

109 108 107 106 105 104 103 102

BY MFGR. TYPICAL

TBA

H. BY MFGR

(PARTIAL, SEE SHEET 29 FOR GENERAL TERMINAL ARRANGEMENT)

SGW0640-EP-25 ZONE 08

NEUTRAL CONNECTIONS CONTINUED FROM TBA

FIELD WIRING BY TVA

SPARE	1CR-IFSV-022, 280	SGW1640-CR-09	0IA-ILPA-022 (TO ANN LIGHT BOX)	SGW1640-1A-02	0IA-ILPA-106 (COMN ADD ANN LIGHT BOX)	SGW1640-1A-02	1VH-IFSV-020, 023, 005 1VH-IFIS-004, 013 12R-IFSV-002 SGW1740-VH-01	1VH-ITI-012A,012B	SGW1740-VH-14	1CR-IFSV-008, 009,006	SGW1640-CR-08	0ML-IFSV-290,447,609 0ML-IFIS-2900 SGW0740-MO-01	SPARE	O2R-IFS-010A,010B,010C,010D	SGW0640-IR-28	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
102		103		104		105		106		107		108		109		
32	33	34	35	36	37	38	39	34	38	3C	30	3E	3F	36		
1EZ-EFUI-4731	1EZ-EFUI-4732	1EZ-EFUI-4733	1EZ-EFUI-4734	1EZ-EFUI-4735	1EZ-EFUI-4736	1EZ-EFUI-4737	1EZ-EFUI-4738	1EZ-EFUI-4739	1EZ-EFUI-473A	1EZ-EFUI-473B	1EZ-EFUI-473C	1EZ-EFUI-4730	1EZ-EFUI-473E	1EZ-EFUI-473F	1EZ-EFUI-4736	

TBA (SEE ACTUAL ARRANGEMENT BELOW)

CONTINUED FROM SH 25

FBC

H. BY MFGR

POWER CONNECTIONS CONTINUED FROM FBC
SGW0640-EP-25 ZONE 01

SGW0640-EP-25 ZONE 06 ANNUNCIATION WIRING CONTINUED FROM FBC

(CONTINUED ABOVE RIGHT)

MANUFACTURER'S WIRING
SEE NOTE 3, SH 23

IEP-EEQC-08
AUXILIARY CONTROL ROOM
120V AC DISTRIBUTION CABINET

COMPANION DWGS:
SGW0640-EP-23-25, 27-29
SAS4073-EP-01

Docket #50-438
Control #830405057
Date 3-25-83
of Document
DO NOT REMOVE FROM DOCKET FILE

PRC APERTURE CARD

2	1140	5531			
MISC CHANGES					
1	$1,690	7-15-77			
REDRAWN, ACCEC FUSE LOADS, UV ALARM CIRCUIT.					
NO.	ECR NO.	DATE			

DSN C.C. PETERSON
DES C.C. CHEAIRS, T. PATTON
DFT R.F. HEARN
SPV D.C. COUTTS
ENGR
ENGINEER M.W. 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
KNOXVILLE 7-14-77	88 E	SGW0640-EP-26 R2

INSPECTED AND APPROVED FOR ISSUE

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