480V AC
A⊘ B⊘ C⊘
TYP: 2AN4a
REF DWG: SGW0747-RP-4
480V MCC SXF3
COMPT L1
1ED-EMCC-57L1
OWG-EFU1-001
OVLD
15 5A
L1-2
WGJ1
480/120V 350 VA
L1-6
L1-7
N
OWG-ECM5-001
L1-9
L1-10
L1-3
L1-4
T1 T2 T3
A⊘ B⊘ C⊘
OWG-ECA4-61
OWG-ECA3-62 (SEE NOTE 5)
OWG-EMOT-001
REF DWG B&W 16 52304NC
2 23 29 30 45 62
ENABLE CPRSR START
OWG-ECA3-63
BK
OWG-IMS-001D
REF DWG: SGB0677-JL-68
A7 WGJ1 WGJ2
JOG A8 A1
A9 EN WGJ3
A10
JOG
START STOP
CONT
A5
A12 A11
(SEE ZONE D-11 THIS SHEET)
CPRSR IN AUTO MODE 24
CPRSR IN CONT MODE 35
A6
A3
R
G
LOCAL CONT PNL OWG-ELCP-2
SKID MTD VENDOR SUPPLIED CONT PNL OWG-EMCP-001
CLOSE ON LOW SEP LVL
CLOSE ON HIGH SEP LVL
CLOSE ON LOW INLET PRESS.
CLOSE ON LOW SEP PRESS.
CLOSE ON HIGH SEP PRESS.
120V AC
20 22 6 21 23 26 36 49 33 50
OWG-ECA3-112 (SEE NOTE 5)
BK-BK W-BK W-W
OIA-ECA2-133
TBA-62 -61 -55 -56 -64 -63
R1 TR3 TDE R2
SEE NOTE 2
BOP RLY CAB. 11X-II-006C
OWG-74-001A
OWG-74-001T
OWG-74-001B
(SCW1654-JI-06,08)
TBD-40 -41 -46 -47 -43 -44
BK-BK BK-W W-BK W-W R-BK R-W
OIA-ECA2-134
TB2 -S -FC 125V DC AN WL173 WL174 WL175 WL176 WL177 -S
LOCAL ANN OIA-IXA-024 LOCATED ON LOCAL WDS PNL OIX-IXPA-052
(5GW1640-IA-01)
(SEE NOTES 10 & 11)
WASTE GAS CPRSR, OWG-MCMP-001

480V AC
A⊘ B⊘ C⊘
TYP: 2AN4a
REF DWG: SGW0747-RP-4
480V MCC SXF4
COMPT W1
2ED-EMCC-59W1
OWG-EFU2-002
OVLD
15 5A
W1-2
WGJ1
480/120V 350 VA
W1-6
W1-7
N
OWG-ECM5-002
W1-9
W1-10
W1-3
W1-4
T1 T2 T3
A⊘ B⊘ C⊘
OWG-ECA4-67
OWG-ECA3-68 (SEE NOTE 5)
OWG-EMOT-002
REF DWG B&W 16 52304NC
2 23 29 30 45 62
ENABLE CPRSR START
OWG-ECA3-69
BK
OWG-IMS-002D
REF DWG. SGB0677-JL-68
A7 WGJ1 WGJ2
JOG A8 A1
A9 EN WGJ3
A10
JOG
START STOP
CONT
A5
A12 A11
(SEE ZONE D-5 THIS SHEET)
CPRSR IN AUTO MODE 24
CPRSR IN CONT MODE 35
A6
A3
R
C
LOCAL CONT PNL OWG-ELCP-3
LOCAL CONTROL PANEL OWG-ELCP-2
OWG-ECA3-800
OWG-ECA3-801
OWG-ECA3-802
120V AC INSTR PWR DISTRIBUTION PNL 1EZ-EDP-46 LOCATED ON 11X-II-006D
REF DWG: SCW1654-JI-11
120V AC
FBF-IEZ-EFU1-4648 4B
TBC-21
SKID MTD VENDOR SUPPLIED CONT PNL CWG-EMCP-002
CLOSE ON LOW SEP LVL
CLOSE ON HIGH SEP LVL
CLOSE ON LOW INLET PRESS.
CLOSE ON LOW SEP PRESS.
CLOSE ON HIGH SEP PRESS.
120V AC
20 22 6 21 25 26 36 49 33 50
OWG-ECA3-113 (SEE NOTE 5)
BK-BK BK-W W-BK W-W R-BK G-BK O-BK BL-BK
OIA-ECA2-135
TBA-66 -65 -57 -58 -68 -67
R1 TR3 TDE R2
SEE NOTE 2
BOP RLY CAB. 11X-II-006C
OWG-74-002A
OWG-74-002T
OWG-74-002B
(SCW1654-JI-06,08)
TBC-49 -50 -55 -56 -52 -53
BK-BK BK-W W-BK W-W R-BK R-W
OIA-ECA2-136
TB2 -S -FC 125V DC AN WL178 WL179 WL180 WL181 WL182 -S
LOCAL ANN OIA-IXA-024 LOCATED ON LOCAL WDS PNL OIX-IXPA-022
(5GW1640-IA-01)
(SEE NOTES 10 & 11)
WASTE GAS CPRSR, OWG-MCMP-002
ENERGIZE TO MODULATE OWG-IPCV-094
OWG-IFSV-094

NOTES:
1. FOR GENERAL NOTES AND SYMBOLS, SEE SGW0740-WD-01
2. SYMBOLS R1, R2, TR3 ARE SHOWN ON B&W DWG 16 52304 NC AND ARE SHOWN ON THIS DWG ONLY FOR CLARITY

PRC APERTURE CARD

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

REV NO	ECN NO	DATE	DSGN	DRWN	CHKD	SUPV	ENGR	NSP	SUBM	MECH	APPD
2	51	4-1-80	JWB	JWB	CDB	GM	JLC				
ADDED PWR SUPPLY FOR OWG-IFSV-094 AND MADE MINOR CHANGES.											
1	52	5-22-79	PEM	PEM	CDB	GM	JLC				
ADDED ANN. PT NO. AND CABLE NO., VARIOUS TERM. NO., CKT DETAILS FOR IFSV-094 & MINOR CHANGES.											

DSGN T. P. Wall
DRWN J. W. Bibb
CHKD T. M. Lasch
SUPV T. C. Mauldin
NSP
ENGINEER J. L. Caldwell Jr.

SCALE: NONE — EXCEPT AS NOTED

GENERAL
UNITS 1&2

SYSTEM SCHEMATIC
WASTE DISPOSAL SYSTEM

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

N

SUBMITTED	RECOMMENDED	APPROVED
J. L. Caldwell Jr.	L. L. Spangler	R. M. Hodges

KNOXVILLE 9-15-78 | 88 | E | SGW0740-WD-22 | R2

RECORD DRAWING AS CONSTRUCTED

INSPECTED AND APPROVED FOR ISSUE

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SIZE