NOTES:
1 FOR GENERAL NOTES AND SYMBOLS SEE SHEET 01 S1

277V, 1Φ, AC S1
N
L1 L2
ON OFF
M
THERMO STAT
FAN CONTROL
FOR COMPLETE INFORMATION, SEE REF DWG NO. 38000442 (SINGER) TVA CONTRACT 76K5-87054-3
CVC-EHTR-154

480V, 3Φ, AC S1
A0 B0 C0
ST
50GS SENSOR
L1 L2 L3
480/120V
ECMS-047
3.5A 518
EFU1-047
50GS RELAY
52d
SHUNT TRIP
ST
OVLD
K5-2 K5-6
J2
BK-101
W
K5-7 K5-8
A1
START STOP
R-101 G-101
A3
IHIS-047D
W-101
K5-4
A7 A8
K5-5 K5-3 0-101 A6
T1 T2 T3
BB CB
EMOT-047

480V, 3Φ, AC S1
A0 B0 C0
ECMS-048
518 3.5A
EFU1-048
OVLD
H5-2 H5-6
J1
BK-25
A1
START STOP
R-25 G-25
A3
IHIS-048D
W-25
H5-4
A7 A8
H5-5 0-25 H5-3 A6
L1 L2 L3
480/120V
T1 T2 T3
BB CB
EMOT-048

◇ ELCP-8
IHIS-047D
REF DWG 5GB0677-JL-62
EL:686; COL:A7,Q
ECA3-101
□ MCC 5XF1 COMPT K5
IED-EMCC-55K5
TYP 3DN3
REF DWG 5GW0747-RP-4
J2
EFU1-047
EL:629; COL:A7,T S1
ECA4-102
EMOT-047
EL:686 COL:A9P S1
COMMON ZONE EL 686 AHU
SEE SCHEMATIC ABOVE S1

◇ ELCP-10
IHIS-048D
REF DWG 5GB0677-JL-62
EL:669; COL:A9,U
ECA3-25
□ MCC 5XF2 COMPT H5
IED-EMCC-56H5
TYP 3AN3
REF DWG 5GW0747-RP-4
J1
EFU1-048
EL:629; COL:A7,3
ECA4-26
EMOT-048
EL:669 COL:A9,U S1
COMMON ZONE EL 669 AHU
SEE SCHEMATIC ABOVE S1

S1 Δ 2EL-ELC-257
LIGHTING CAB LC
BKR 7A
EL:669; COL:A10,R S1
SEE DWG 5AW0420-RW-2
◆ CVC-EHTR-154
EL: COL: S1
TOILET RM HEATER
SEE SCHEMATIC ABOVE S1

S1 Δ 2EL-ELC-257
LIGHTING CAB LC
BKR 7B
EL:669; COL:A10,R S1
SEE DWG 5AW0420-RW-2
◆ CVC-EHTR-155
EL: COL: S1
TOILET RM HEATER
TYPICAL OF CVC-EHTR-154

S1 Δ 2EL-ELC-257
LIGHTING CAB LC
BKR 7C
EL:669; COL:A10,R S1
SEE DWG 5AW0420-RW-2
◆ CVC-EHTR-156
EL: COL: S1
TOILET RM HEATER
TYPICAL OF CVC-EHTR-154

◇ ELCP-11 S1
IHIS-0490
REF DWG 5GB0677-JL-62
EL:649; COL:A7,R S1
ECA3-103
□ MCC 5XF1 COMPT G5
IED-EMCC-55G5
TYP 3DN3
REF DWG 5GW0747-RP-4
J3
EFU1-049
EL:629; COL:A7,T S1
ECA4-104
EMOT-049
EL:649; COL:A7,R S1
COMMON ZONE EL 649 AHU
TYPICAL OF CVC-EMOT-047

Δ 1EL-ELC-151
LIGHTING CAB LC151
BKR 3B
EL:610; COL:A4,R S1
SEE DWG 5AW0414-RW-3
◆ CVC-EHTR-153
EL: COL: S1
TOILET RM HEATER
TYPICAL OF CVC-EHT -154

Docket # 50-438
Control # 8304050536
Date 4-25-83 of Document
REGULATORY DOCKET FILE

PRC APERTURE CARD

1	518, S1	T. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CHANGED MCC CONT PWR FUSES AND MINOR CHANGES.

REV NO.	ECN NO.	DATE	DSGN	DFTMN	CHKD	SUPV	ENGR	NSP	SUBMR/ECH	APPD

DSGN [illegible] INSP
DFTMN [illegible]
CHKD [illegible] ENGINEER
SUPV W. R. Jones

SCALE EXCEPT AS NOTED

GENERAL
UNITS 1 & 2

SYSTEM SCHEMATIC
AUX BLDG COMMON AREA
ENVIRONMENTAL CONT SYS

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
Q

REVIEWED	SUBMITTED	RECOMMENDED	APPROVED
RC(CIVIL) N/A	W. L. Widdowson	[signature]	R. M. Hodges
RE(ELEC) N/A			
RM(MECH) N/A			

INSPECTED AND APPROVED FOR ISSUE

KNOXVILLE 4-23-79 | 88 | E | 5GW0740-VC-12 R1

RECORD DRAWING AS CONSTRUCTED

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