88 E 5GW1740-RG-02

1 2 3 4 5 6 7 8 9 10 11 12

A B C D E F G

NOTES:
1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE 5GW1740-RG-01,

5GWO640-IS-01 MON M1239 2-10-1 48V DC SHLD GRD — SEAMS ISOLATOR IIS-ISOL-108-A LOCATED IN IIX-IMXA-0058-A

IIS-ECA2-2301-A

480V MCC 1E4-A COMPT D1 1EI-EMCC-64D1-A DGB EL 655, COL D2-M

(5GW0747-RP-4) TYP: 3BN6C

EFU1-009A-A 3.5A OVLD ECN 518

480V 3Φ AC — 480/120V

ECNS-009-A

ECA4-1-A — ECA3-3-A

DGB EL 629 COL D3-N — MOT — 120VM — EMOT-009-A

GRD BUS E4-N6 — 15A E4-6 EFU1-009B-A — MCC 120V AC CONT PWR

480V MCC 1E4-A COMPT E4 1EI-EMCC-64E4-A DGB EL 655, COL D2-M

DG 001-A STARTING AIR CPRSR 009-A, MCMP-009-A

ECA3-3-A — DG 001-A ENG CONT PNL 100-ELCP-1-A DGB EL 629, COL D3-J

H-O-A (HAND-OFF-AUTO) (CONTROLS AIR CPRSR NO.1)

H-O-A HAND, OFF — CONT IS PART OF "ANY SW NOT IN AUTO" ANNUNCIATION

ECA3-5-A — IPS-001-A DGB EL 629, COL D3-N — CLOSES FOR LOW PRESS. (LOCATED ON AIR RECEIVER MRCR-001-A)

ECA3-8-A

REF DELAVAL DWG 09-500-75080 SH 5,7,8 8

REF KAHN & CO DWG 001-129-003, AND STARTING AIR DRYER DESCRIPTION OF OPERATION 1001.2

LOCAL CONT PNL ELCP-1-A DGB EL 629 COL D3-N

DG 001-A STARTING AIR DRYER MDRY-005-A CONTROLS

5GWO640-IS-01 MON M1245 2-09-7 48V DC SHLD GRD — SEAMS ISOLATOR IIS-ISOL-108-A LOCATED IN IIX-IMXA-0058-A EL 649 COL A5-R

IIS-ECA2-2302-A

(5GW0747-RP-4) TYP: 1BN3

EFU1-015A-A 1.5A OVLD ECN 518

480V 3Φ AC — 480/120V

480V MCC 1E4-A COMPT J2 1EI-EMCC-64J2-A DGB EL 655, COL D2-M

ECNS-015-A

ECA4-9-A

DGB EL629 COL D3-N — MOT — 30VM — EMOT-015-A

GRD BUS E4-N6 — 15A E4-8 EFU1-015B-A — MCC 120V AC CONT PWR

480V MCC 1E4-A COMPT E4 1EI-EMCC-64E4-A DGB EL 655, COL D2-M

ECA3-10-A

DG 001-A STARTING AIR CPRSR 009-A AFTERCOOLER, MCLR-015-A

PRINTS REQ'D BY / PROJ — DWG SIZE P H — ME EE CE AD CS ES MD SF SW BL PA

5GWO640-IS-01 MON M1240 2-10-4 48V DC SHLD GRD — SEAMS ISOLATOR IIS-ISOL-108-A LOCATED IN IIX-IMXA-0058-A

IIS-ECA2-2303-A

480V MCC 1E4-A COMPT H2 1EI-EMCC-64H2-A DGB EL 655, COL D2-M

(5GW0747-RP-4) TYP: 0BN6C

EFU1-010A-A 3.5A OVLD ECN 518

480V 3Φ AC — 480/120V

ECNS-010-A

ECA4-11-A — ECA3-12-A

DGB EL 629 COL D3-N — MOT — 30VM — EMOT-010-A

GRD BUS E4-N7 — 15A E4-7 EFU1-010B-A — MCC 120V AC CONT PWR

480V MCC 1E4-A COMPT E4 1EI-EMCC-64E4-A DGB EL 655, COL D2-M

DG 001-A STARTING AIR CPRSR 010-A, MCMP-010-A

ECA3-13-A — DG 001-A ENG CONT PNL 100-ELCP-1-A DGB EL 629, COL D3-J

H-O-A (HAND-OFF-AUTO) (CONTROLS AIR CPRSR NO.2)

H-O-A HAND, OFF — CONT IS PART OF "ANY SW NOT IN AUTO" ANNUNCIATION

ECA3-15-A — IPS-002-A DGB EL 629, COL D3-N — CLOSES FOR LOW PRESS. (LOCATED ON AIR RECEIVER MRCR-002-A)

ECA3-18-A

REF DELAVAL DWG 09-500-75080 SH 5,7,8 8

REF KAHN & CO DWG 001-129-003, AND STARTING AIR DRYER DESCRIPTION OF OPERATION 1001.2

LOCAL CONT PNL ELCP-2-A DGB EL 629 COL D3-N

DG 001-A STARTING AIR DRYER MDRY-006-A CONTROLS

5GWO640-IS-01 MON M1246 2-10-7 48V DC SHLD GRD — SEAMS ISOLATOR IIS-ISOL-108-A LOCATED IN IIX-IMXA-0058-A

IIS-ECA2-2304-A

(5GW0747-RP-4) TYP: 1BN3

EFU1-016A-A 1.5A OVLD ECN 518

480V 3Φ AC — 480/120V

480V MCC 1E4-A COMPT J1 1EI-EMCC-64J1-A DGB EL 655, COL D2-M

ECNS-016-A

ECA4-19-A

DGB EL629 COL D3-N — MOT — 30VM — EMOT-016-A

GRD BUS E4-N9 — 15A E4-9 EFU1-016B-A — MCC 120V AC CONT PWR

480V MCC 1E4-A COMPT E4 1EI-EMCC-64E4-A DGB EL 655, COL D2-M

ECA3-20-A

DG 001-A STARTING AIR CPRSR 010-A AFTERCOOLER, MCLR-016-A

APERTURE CARD

Docket # 50-438
Control # 8202080064
Date 820202 of Document
REGULATORY DOCKET FILE

REV NO.	ECN NO.	DATE	DSGN	DRWN	CHKD	SUPV	ENGR	INSP	SUBM	RECM	APPR
1	518, SI	1-17-77	GTG	PJS	CRM	CRM	MM	-	MM	LLS	

CHANGED MCC CONT PWR XFMR FUSE SIZES PER ECN 518, ADDED SEAMS PT NO., SEAMS ISOLATOR INFO, CABLE NO., TERMINAL NO. AND MINOR REVISIONS PER ECN SI.

DSGN E.N. IRWIN
DRWN J.W. JACKSON
CHKD D.M. LASHLEY
SUPV E.A. CASSEY

INSP
ENGINEER W.L. ADSLEY

GENERAL
UNIT 1

SYSTEM SCHEMATIC
DSL GEN STARTING AIR (RG)

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

Q

SUBMITTED	RECOMMENDED	APPROVED
W.L. Adsley	J.A. Springer	R.M. Gridley

REVIEWED
RC(CIVIL) N/A
RE(ELEC) N/A
RM(MECH) N/A

KNOXVILLE 11-14-77 | 88 E 5GW1740-RG-02 R1

RECORD DRAWING AS CONSTRUCTED