12177-EE-2G-3

2-TB7011 ■ SV-1 — GE DWG. NO 142C6843 SH29 — S&W FILE NO. 0001.010-002-045

HA: B — HA1 — A; W — HA3; R — HA5; G — HA6; O — HA9; BL — HA10

HB: B — HB1 — B; W — HB2; R — HB3

HC

HD: B — 2MSSN21X01 — F; W — 2MSSN21K00; B — 2SPUX02N10 — C; W — 2SPUX02N11

ISP — A B C F

2CEC-PNL646 (EE-3FL) — 2TMENNC604
2CEC-PNL645 (EE-3FK) — 2TMENNX009
2-JB7160 (EE-2L) — 2SPUXNC602
2-JB7383 (EE-11AX) — 2MSSNNC538

2-TB7012 ■ SV-2 — GE DWG. NO 142C6843 SH29 — S&W FILE NO. 0001.010-002-045

HF: B — HF1 — A; W — HF3; R — HF5; G — HF6; O — HF7; BL — HF8; W/B — HF9; R/B — HF10

HG: B — HG1 — B; W — HG2; R — HG3; W — HG8 — C; B — HG9

HH

HJ: B — 2SPUX02N09 — D; W — 2SPUX02N10

4SP — A B C D

2CEC-PNL646 (EE-3FL) — 2TMBUNC605
2CEC-PNL645 (EE-3FK) — 2TMENNX010
2-JB7160 (EE-2L) — 2TMENNX052
2SPUXNC603

2-TB7013 ■ SV-3 — GE DWG. NO 142C6843 SH30 — S&W FILE NO. 0001.010-002-046

HL: B — HL1 — A; W — HL3; R — HL5; G — HL6; O — HL9; B — HL10

HM: B — HM1 — B; W — HM2; R — HM3

HN

HP: B — 2MSSN21X01 — F; W — 2MSSN21K00; B — 2SPUX02N08 — C; W — 2SPUX02N09

ISP — A B C F

2CEC-PNL646 (EE-3FL) — 2TMENNC606
2CEC-PNL645 (EE-3FK) — 2TMENNX011
2CEC-TB7160 (EE-2L) — 2SPUXNC604
2-JB7383 (EE-11AX) — 2MSSNNC539

2-TB7014 ■ SV-4 — GE DWG. NO 142C6843 SH 30 — S&W FILE NO. 0001.010-002-046

HS: B — HS1 — A; W — HS3; R — HS5; G — HS6; O — HS9; BL — HS10

HT: B — HT1 — B; W — HT2; R — HT3

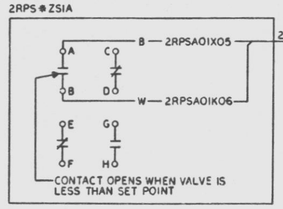
HU

HV: B — 2SPUX02N07 — C; W — 2SPUX02N08

ISP — A B C

2CEC-PNL646 (EE-3FL) — 2TMENNC607
2CEC-PNL645 (EE-3FK) — 2TMENNX012
2-JB7160 — 2SPUXNC605

2RPS*ZSIA



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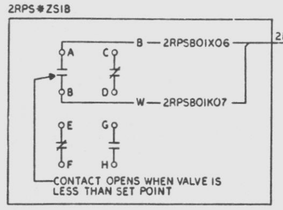

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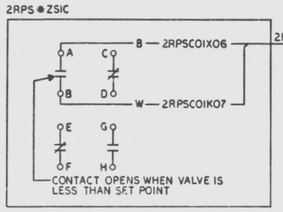

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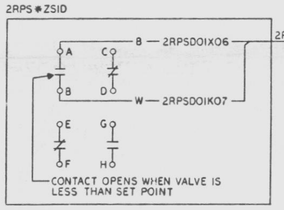

NOTES:

1. ■ INDICATES GE EQUIPMENT NUMBER.

2DSM-LS70A ■ MS-HLT-1 — HI LEVEL — SHOWN NO WATER
2DSM-LS70B ■ MS-HLT-2 — HI LEVEL

SHLD — SP-R — MS-HLT-1C — B — MS-HLT-1NO — W — 2TMANNC608
SHLD — SP-R — MS-HLT-2C — B — MS-HLT-2NO — W — 2TMANNC609
2CEC-PNL648 (EE-3FN)

2CRS-PT102 ■ I-SPS-RM — A B C D E F

SHLD — 2PTIC1A — B — 2PTIC1B — W — 2PTIC1C — 2B — 2PTIC1D — W — SHLD — 2TMENNX001
2CEC-PNL643 (EE-3FH)

2TMI-TE118 ■ TCS-8

SPARE — 2TEII6P2 — BL — 2TEII6N2 — R — 2TMINNX909
2TEII6P1 — BL — 2TEII6N1 — R — SHLD — 2TMINNX021
2CEC-CP616 (EE-148B)
2CEL-PNL642 (EE-2W)

2TMI-TE117 ■ TCS-9

SPARE — 2TEII7P2 — BL — 2TEII7N2 — R — 2TMINNX908
2TEII7P1 — BL — 2TEII7N1 — R — SHLD — 2TMINNX023
2CEC-CP616 (EE-148B)
2CEL-PNL642 (EE-2W)

2TME-PSIK9 ■ PS-13 — NO-PRESSURE — NO NC — (INSTALL (TYP))

PUR — RED — BLU — BRN — YEL — ORG

2TMEA2008B — W — 2TMEA2008A — B — 2TMEANC701
2-JB7601 (EE-3KN)

2TME-PSII2 ■ VSSPE — NORM /ACUUM

2TMEA2012A — B — 2TMEA2012B — W — 2TMEANC700

REFERENCES:
TURBINE WIRING DIAG.
GE-142C6843, SH18, SH27
S&W FILE 0001.010-002-034, 043
ELECTRONIC INTERCONN DIAG.
GE-118D2361, SH5, SH7
S&W FILE-0001.010-002-072, 074

ELECTRICAL WIRE AND CABLE NOTES: STD. ME-I-7-3 & ME-I-8-2

CKT NO. 2SPUX02 — 2MSSN21 — 2RPSA01 — 2RPSB01 — 2RPSC01 — 2RPSD01
ESK NO. 8SPU06
ESK NO. 7MSS06
GE ELEM. 807E166TY, SH.5, SH.6, SH.7, SH.8
S&W FILE 0007.225-001-007, 8, 9, 10
ESK NO. 101HA405
ALM NO. 2008, 2012

NUCLER SAFETY RELATED
QA CAT I & II

APPROVED — LICENSED PROFESSIONAL ENGINEER, NO. 55786, STATE OF NEW YORK
ALTERATION EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS ILLEGAL

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WIRING DIAGRAM TURBINE TERMINAL BOXES

NINE MILE POINT NUCLEAR STATION — UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WEBSTER ENGINEERING CORPORATION
BOSTON, MASS.

10-CH — DRAWING NUMBER 12177-EE-2G-3

Designed by T. BOHNER — Drawn by F. SCHRAMM
Des. Ch'd by C. HENDERSON — Ch'd by T. BOHNER

AREA 2 — LEVEL 5 — WORK PKG 340

Engineer A. GWAL — Des. Eng. P. HUHA

ISSUE O — HALF-SIZE — APP. DATE

ISSUE 90: SEE RECORD OF DRAWING CHANGES 12177-BCE-2G-3
ISSUE 80: SEE RECORD OF DWG CHANGE ON BCE-2G-2
ISSUE 1: ORIGINAL ISSUE

APERTURE CARD