12177-EE-IG-6

13.8KV BUS 2NPS-SWG002 NORMAL SWGR BLDG EL 261'-0"

2-1 | 2-2 | 2-3 | 2-4 METERING CUBICLE | 2-5

2NPSZ05 — 120V — 14.4 KV — EJI 0.5E — CL — 6A

P852: PHI-3 — V — 0-18KV AB-40
P506: PHI-2 — V — 0-18KV AB-40
P507: PHI-2 — V — 0-18KV AB-40

3000A CUBICLE ONLY — 2NPSZ13 — CS — CS — P852

6000-5A 2SPRX02 — TO 87-2SPRX02 (EE-1B) — Δ

3000-5A 2NPS202 — 2NPSZ12 5-5A — (I) THIS DWG — A 0-3000A AB-40

1200 A — 2ABMA01 — CS — CS — P506

800-5A 2ABMA51 — 50/51 2AEMA02 5-5A — IAC

50-5A 2ABMA52 — 50G PJC — 2ABMA01 — 62 SAM — 86 HEA

PH2 P506 — A 0-800A AB-40 — W — NEUT A 0-800A AB-40 P506

3000A BUS DUCT

1200 A — 2ABMB01 — CS — CS — P507

800-5A 2ABMB51 — 50/51 2ABMB02 5-5A — IAC

50-5A 2ABMB52 — 50G PJC — 2ABMB01 — 62 SAM — 86 HEA

PH2 P507 — A 0-800A AB-40 — W — NEUT A 0-800A AB-40 P507

3000A BUS DUCT

NC 3000 A — 2NPSZ15 — CS — CS — P852

6000-5A 2SPRY12 — TO 37-2SPRY12 (EE-1B) — Δ

3000-5A 2NPS202 — 2NPSZ14 5-5A — (I) THIS DWG — TO 51-2NPSZ02 (EE-1B) — A 0-3000A AB-40

3000A BUS DUCT

FROM RESERVE STATION SERVICE TRANSFORMER 2HTX-XSR1A (EE-1B)

TO AUXILIARY BOILER A 12000 KW 2AEM-B1A

TO AUXILIARY BOILER B 12000 KW 2AEM-B1B

FROM AUXILIARY BOILER SERVICE TRANSFORMER 2AB5-X1 (EE-1B)

NOTES:
1. GENERAL NOTES, REFERENCES, ADDITIONAL SYMBOLS & LOCATION SYMBOLS EE-1F.

D

PRC APERTURE CARD QA CAT II

APPROVED _____ LICENSED PROFESSIONAL ENGINEER, NO. 052693 STATE OF NEW YORK
ALTERATION EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS ILLEGAL

THE INFORMATION ON THIS DRAWING MAY NOT BE COPIED OR USED FOR OTHER THAN THE CONSTRUCTION, MAINTENANCE OR REPAIR OF THE PLANT FACILITY DESCRIBED IN THE TITLE BLOCK.

13.8 KV ONE LINE DIAGRAM
NORMAL BUS 2NPS-SWG002

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

10-CH — DRAWING NUMBER 12177-EE-IG-6

Designed by — Drawn by J.CICALESE
Des. Chk'd by — Chk'd by McLUBRANO

Engineer K. KHANNA
Supervisor C. CLANE

ISSUED FOR DESIGN REVIEW

ISSUE	DESCRIPTION	CHKD	CORR	APPR	DATE
8	SEE RECORD OF DRAWING CHANGES BCE-IG-6				
7	SEE RECORD OF DRAWING CHANGES BCE-IG-5				
6	ADDED VM RATINGS, LOCAL AM TYPES & TITLE SIZE REVISED PER SDCR 2NPS-0128 UNITS 1 & 2 AUX BOILER A & B RATINGS				
5	REDRAWN, REVISE TITLE BLOCK, RELAYING, METERING				
4	SUPERCEDED BY DWG EE-IG-3 WORK INC ON DWG EE-IK-3				
3	ORIGINAL ISSUE FOR ENGINEERING ONLY				

ISSUE	ARCH	CONC	STEEL	L&P	INST	M.D.&V	P.B.	S.A.	B.B.	ELEC	LTG	MATL	PCT
8													90
7													90
6													90
5													90
4													90
3													90

AREA LEVEL WORK PKG 4 | 33A