12177-EE-1BB-7

FROM 600V LOAD CENTER 2LAT-S1B (LOC. C) ACB-9C (EE-1T)

600V NORM. DISTR PNL 2LAT-PNL100 (3PH, 4W) TURBINE BLDG EAST EL 277'6"

CKT		-2	-7	-8	-13	-14	-19	-20	-25	-26	-31	-32
	500 NA 3P											
	100 70 3P	100 70 3P	100 100 3P	100 100 3P	100 60 3P	100 60 3P	100 45 3P	100 45 3P	100 45 3P	100 60 3P	100 30 2P	
		2LAT-XLN08 30KVA 600-208Y/120V	2LAW-XLN01 45 KVA 600-208Y/120V		2LAT-XLN02 45KVA 600-208Y/120V		2LAT-XLN06 30 KVA 600-208Y/120V		2LAZ-XLN01 30 KVA 600-208Y/120V		2RPM-X1A 15KVA 600-120/240V (CONN FOR 120V)	
		2LAT-XLN09 30KVA 600-208Y/120V	2LAW-XLN02 45 KVA 600-208Y/120V			2LAT-XLN04 45KVA 600-208Y/120V		2LAX-XLN01 30KVA 600-208Y/120V		SE 10 KVA	150 150 2RPM 8K1R1A 1P	
		TURBINE BLDG EL-250'-0" LTG DISTR PNL 2LAT-PNL109	TURBINE BLDG EL-250'-0" LTG DISTR PNL 2LAT-PNL108	SCREENWELL BLDG EL-261'-0" LTG DISTR PNL 2LAW-PNL102	SCREENWELL BLDG EL-261'-0" LTG DISTR PNL 2LAW-PNL101	SPARE	TURBINE BLDG EL-306'-0" LTG DISTR PNL 2LAT-PNL102	TURBINE BLDG EL-277'-6" LTG DISTR PNL 2LAT-PNL104	TURBINE BLDG EL-250'-0" LTG DISTR PNL 2LAT-PNL106	AUX BOILER BLDG EL-261'-0" LTG DISTR PNL 2LAX-PNL101	AUX SERVICE BLDG EL-261'-0" LTG DISTR PNL 2LAZ-PNL101	NORMAL SWGR EL 237' UNINTERRUPTIBLE NORM POWER SPL 2-BIB-UPS1A	NORMAL SWGR EL 237' REAC PROTECTION 2RPM-PNL1A (EE-PDG1)	SPACE

FROM 600V LOAD CENTER 2LAT-S1A (LOC. C) ACB-12B (EE-1T)

600V NORM. DISTR PNL 2LAT-PNL300 (3PH, 4W) TURBINE BLDG WEST EL 277'6"

CKT		-2	-7	-8	-13	-14	-19	-20	-25	-26	-31	-32
	600 NA 3P											
	100 60 3P	100 60 3P	100 60 3P	100 45 3P	100 60 3P	100 45 3P	100 45 3P	100 100 3P				400 175 3P
		2LAT-XLN01 45 KVA 600-208Y/120V	2LAT-XLN05 45KVA 600-208Y/120V	2LAT-XLN10 45KVA 600-208Y/120V		2LAT-XLN12 30KVA 600-208Y/120V						
		2LAT-XLN03 45 KVA 600-208Y/120V	2LAT-XLN07 30KVA 600-208Y/120V		2LAT-XLN11 10KVA 600-208Y/120V							SE 75 KVA
		TURBINE EL 306'-0" LTG DISTR PNL 2LAT-PNL101	TURBINE BLDG EL-277'-6" LTG DISTR PNL 2LAT-PNL103	TURBINE BLDG EL-250'-0" LTG DISTR PNL 2LAT-PNL105	TURBINE BLDG EL-250'-0" LTG DISTR PNL 2LAT-PNL107	TURBINE BLDG EL-306'-0" LTG DISTR PNL 2LAT-PNL110	TURBINE BLDG EL-250'-0" LTG DISTR PNL 2LAT-PNL111	TURBINE BLDG EL-250'-0" LTG DISTR PNL 2LAT-PNL112	SPARE	SPACE	SPACE	SPACE	SPACE	NORMAL SWGR EL 237'-0" UNINTERRUPTIBLE NORM POWER SUPPLY 2-BIB-UPS1C

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

TI APERTURE CARD

APPROVED Nigel Wells
LICENSED PROFESSIONAL ENGINEER, NO. 052899
STATE OF NEW YORK
ALTERATION EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS ILLEGAL

QA CAT II

600V ONE LINE DIAGRAM DISTRIBUTION PANELS 2LAT-PNL100 & 2LAT-PNL300

NINE MILE POINT NUCLEAR STATION — UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WEBSTER ENGINEERING CORPORATION
CHERRY HILL, N.J.

CH | DRAWING NUMBER 12177-EE-1BB-7

DESIGNED BY J. CHEESMAN | DRAWN BY D. BAKLEY | DESIGN CHK'D BY C. HENDERSON | CHK'D BY J. CHEESMAN | AREAS 2 | LEVELS | WORK PKG. 33A

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ISSUE	DESCRIPTION	CHK'D	CORR	APPR	DATE
7	SEE RECORD OF DRAWING CHANGES BCE-1BB-7				
6	SEE RECORD OF DRAWING CHANGES BCE-1BB-6				
5	SEE RECORD OF DRAWING CHANGES BCE-1BB-5				
4	ISSUED FOR DESIGN REVIEW				
4	SEE RECORD OF DRAWING CHANGES BCE-1BB-4				
3	SEE RECORD OF DRAWING CHANGES BCE-1BB-3				
2	SEE RECORD OF DRAWING CHANGES BCE-1BB-2				
1	ORIGINAL ISSUE				

PDRCN NO. LAT-0003

ISSUE	DESCRIPTION	PCT	ARCH	CIVIL	CONC	STL	L&P	INST	MECH	P.S.	S.A.	B.S.	ELEC	LTG	MAT'L.
90		90													
50		50													

BUILDER K. KOVANDA
BLDG MGR C. LANE

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