



- NOTES:**
- ALL WIRING TO BE STRANDED COPPER, IRRADIATED CROSSLINKED P.V. YETYLENE INSULATED, FLAME RETARDANT.
 - BRIDGING RING TONGUE CONNECTORS TO BE USED ON ALL WIRES. DO NOT SPlice WIRES.
 - CABLE ASSEMBLIES FROM D.C. POWER DISTRIBUTION BUS TO POWER DISTRIBUTION MODULES TO BE FABRICATED AT ASSEMBLY.
 - SEPARATE 0-10 VDC SIGNAL WIRING FROM OTHER VOLTAGE LEVEL WIRES.
 - DO NOT PARALLEL 24 VAC SUPPLIES FROM FOXBORO MULTINEST POWER SUPPLIES.
 - 120 VAC WIRING TO RECEPTACLES - BY FOXBORO.
 - RESERVED.
 - WIRE SIZES:

Letter	Description	Wire Size
A	POWER SUPPLY TO D.C. BUS	#10 AWG
B	D.C. PWR DIST BUS TO PWR DIST MODULES	#14 AWG
C	24 VAC	#18 TWISTED PAIR
D	0-10 VDC	#22 TWISTED PAIR
E	CONNECTIONS BETWEEN SYSTEM REF BUS	#6 AWG
F	SINGLE WIRE (EAO-L2G-R)	#10 AWG

9. WIRING COLOR CODE:

Letter	Description	Color
A	MAIN AC OR 24 VAC (HOT)	BLACK
B	MAIN AC OR 24 VAC (NEUTRAL)	WHITE
C	+15 VDC	VIOLET
D	-15 VDC	YELLOW
E	SYSTEM COMMON	GREY
F	SYSTEM REF OR AC POWER GROUND	GREEN
G	0-10 VDC	ORANGE/WHITE/ORANGE
H	SINGLE WIRE (EAO-L2G-R)	ORANGE

10. RACK ACCESSORIES:

Letter	Description	FOXBORO PART NO.
A	SYSTEM REFERENCE BUS	N0220ND
B	D.C. POWER DIST BUS	N0200AT
C	AC PLUG MOLD	D021V3
D	AC PLUG	N0195Z
E	COOLING FAN	D02001G
F	HORIZONTAL WIREWAY	N02005H
G	HORIZONTAL WIREWAY COVER	N02005J
H	CABLE ASSY (AT LEVEL 7) TO D.C. PWR DIST BUS	N0200TE
I	CABLE ASSY (AT LEVEL 7) TO D.C. PWR DIST BUS	N0200TF
J	CABLE ASSY (AT LEVEL 7) TO D.C. PWR DIST BUS	A3302RV
K	CABLE ASSY (AT LEVEL 7) TO D.C. PWR DIST BUS	A3302RX
L	TERMINAL BLOCKS (S.E. 8B-25)	80107XF
M		

- RACK IS FOXBORO MODEL N025-B/B1B/BX-FT BT BT-T-FFFF-X-NANA.
- SYSTEM REFERENCE BUS TO BE USED FOR SPEC 200 EQUIPMENT ONLY. DO NOT CONNECT TO OTHER DEVICES OR POWER GROUND. SYSTEM REFERENCE BUS MUST BE ISOLATED FROM RACK FRAME.
- DO NOT AMPER SYS REF BUS WITH 24V AND BUS.
- TERMINAL BLOCKS ARE S.E. 8B-25.
- WIRE NUMBERS WILL BE IDENT OF TERMINATION UNLESS OTHERWISE NOTED.

17. WIRE SLEEVES TO BE WHITE.

REVISION	DESCRIPTION	DATE	BY
1	POWER DIST WIRING NOTES	2-8-80	...
2	AS BUILT		
3			
4			
5			
6			
7			
8			
9			

SI APERTURE CARD

STONE & WEBSTER ENGINEERING CORPORATION
 NINE MILE POINT NUCLEAR STATION - UNIT 2
 NIAGARA MOHAWK POWER CORPORATION
 40-12177

INSTRUCTIONS TO SUPPLIER (E2)

APPROVED AS DEFINED IN SPECIFICATION
 APPROVED AS REVISED
 RELEASED FOR FABRICATION
 RELEASED FOR MATERIAL PURCHASE

REVISOR: [Signature]
 DATE: [Date]

DESIGN ENGINEER'S DATE STAMP (D)
 OUT DATED APR 27 1983 8:18 AM

RESPONSIBLE ENGINEER'S DATE STAMP (E2)
 APR 23 1983 8:18 AM

0007159451323C

07-16-81

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