



- NOTES:**
- ALL WIRING TO BE STRANDED COPPER, 17 AWG (18 AWG FOR POLYETHYLENE INSULATED, FLAME RETARDANT)
 - BURNDY RING TONGUE CONNECTORS TO BE USED IN ALL WAYS TO NOT SLICE 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 WIRING
 - DO NOT PARALLEL 24 VAC SUPPLIES FROM FOXBORO MULTINEST POWER SUPPLIES
 - 120 VAC WIRING TO RECEPTACLES - BY FOXBORO
 - FAN ASSY REQUIRED. NOTE 10 E.
 - WIRE SIZES:

Letter	Description	Wire Size
A	POWER SUPPLY TO D.C. BUS	#14 AWG
B	D.C. PWR DIST BUS TO PWR DIST MODULES	#14 AWG
C	24 VAC	#12 TWISTED PAIR
D	0-10 VDC	#12 TWISTED PAIR
E	CONNECTIONS BETWEEN SYSTEM REF BUS	#2 AWG
F	SINGLE WIRE (240-L2C-R)	#16 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 (240-L2C-R)	ORANGE

10. RACK ACCESSORIES:

Letter	Description	FOXBORO PART NO.
A	SYSTEM REFERENCE BUS	N0200ND
B	D.C. POWER DIST BUS	N0200WT
C	AC PLUG MOLD	D0126WZ
D	AC PLUG	N01395B
E	COOLING FAN	D0200VZ
F	HORIZONTAL WIREWAY	N0200SH
G	HORIZONTAL WIREWAY COVER	N7200ST
H	CABLE ASSY - PWR SUPPLY (AT LEVEL 1) TO D.C. PWR DIST BUS	N0200TE
I	CABLE ASSY - PWR SUPPLY (AT LEVEL 2) TO D.C. PWR DIST BUS	N0200TE
J	CABLE ASSY - INC. PWR DIST BUS TO PWR DIST MODULES (4 LEVEL)	A3302RV
K	CABLE ASSY - INC. PWR DIST BUS TO PWR DIST MODULES (6 LEVEL)	A3302RX
L	TERMINAL BLOCKS S.E. EB-25	B0107XF
M		

- RACK IS FOXBORO MODEL NZS-B/B/B/BX-177777-FFFF-K-NANA
- COMPLETELY ENCLOSED RACK TO BE COOLED BY COOLING FAN (USE AC PLUG MOLD)
- 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 JAMPER SYS. REF BUS WITH SHD. AND PWS.
- TERMINAL BLOCKS ARE S.E. EB-25
- WIRE NUMBERS WILL BE POINT OF TERMINATION UNLESS OTHERWISE NOTED.
- WIRE SLEEVE TO ME

POWER DISTRIBUTION WIRING NOTES RACK #378

DATE: 11/27/75

DESIGNER: [Signature]

REVISIONS:

NO.	DATE	DESCRIPTION
1	11/27/75	AS BUILT
2		
3		
4		
5		
6		
7		
8		
9		

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

MANUFACTURER'S DRAWING DATA FORM

RESP. ENG. B. SINHA (E1)
RESP. DES. ENG. PHUHA (E1)

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

DATE TO DESIGN (C) 11/27/75
REQUIRED RETURN DATE (E1) 11/27/75

DESIGN ENGINEER'S DATE STAMP (D)
DATE: 11/27/75

DESIGN GROUP ROUTING (D)

NO.	DATE	REVISION
1	11/27/75	AS BUILT
2		
3		
4		
5		
6		
7		
8		
9		

PROJECT TITLE: POWER DIST WIRING
RACK #378-1157

12177.00

9305040419

SI APERTURE CARD

07-10
16-91

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