



- NOTES:**
1. ALL WIRING TO BE STRANDED COPPER, IRRADIATED CROSSLINKED POLYETHYLENE INSULATED, FLAME RETARDANT
 2. BURNED RING TONGUE CONNECTORS TO BE USED ON ALL WIRING. DO NOT SPLICE WIRE
 3. CABLE ASSEMBLIES FROM D.C. POWER DISTRIBUTION BUS TO POWER DISTRIBUTION MODULES TO BE FABRICATED AT ASSEMBLY
 4. SEPARATE 0-10 VDC SIGNAL WIRING FROM OTHER VOLTAGE LEVEL WIRING
 5. DO NOT PARALLEL 24 VAC SUPPLIES FROM FOXBORO MULTINEST POWER SUPPLIES
 6. 120 VAC WIRING TO RECEPTACLES - BY FOXBORO
 7. FAN ASSEMBLY REQUIRED - NOTE 10 E.
 8. WIRE SIZES:

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 (2A0-L2C-R)	#14 AWG

9. WIRING COLOR CODE:

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 (2A0-L2C-R)	ORANGE

10. RACK ACCESSORIES:

A	SYSTEM REFERENCE BUS	NO 200 ND
B	D.C. POWER DIST BUS	NO 200 WT
C	AC PLUG MOLD	DO 26 WZ
D	AC PLUG	NO 139 5Z
E	COOLING FAN	DO 200 VQ
F	HORIZONTAL WIREWAY	NO 200 SH
G	HORIZONTAL WIREWAY COVER	NO 200 SJ
H	CABLE ASSY - PWR SUPPLY (AT LEVEL 7) TO D.C. PWR DIST BUS	NO 200 TE
I	CABLE ASSY - PWR SUPPLY (AT LEVEL 6) TO D.C. PWR DIST BUS	NO 200 TF
J	CABLE ASSY - D.C. PWR DIST BUS TO PWR DIST MODULES (4 LEVEL)	A3302RY
K	CABLE ASSY - D.C. PWR DIST BUS TO PWR DIST MODULES (6 LEVEL)	A3302RX
L	T.B. G.E. EB-25	BC107XF
M		

11. RACK IS FOXBORO MODEL N2E3-B/B/BX FT-1 FT-FRPP-X
12. COMPLETELY ENCLOSED RACK TO BE COOLED BY COOLING FAN USE AC PLUG MOLD FOR POWER
13. 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.
14. DO NOT JUMPER SYS. REF BUS WITH SHD GND BUS.
15. TERMINAL BLOCKS ARE GE, EB-25
16. WIRE NUMBERS WILL BE POINT OF TERMINATION UNLESS OTHERWISE NOTED.
17. NC, NO ARE NOT PART OF THE WIRE NUMBER (FOR REF ONLY)
18. WIRE SLEEVES TO BE WHITE.

NO	DATE	BY	REASON	REFERENCE DRAWINGS
1	1/27/78	J.S.	AS BUILT	
2				
3				
4				
5				
6				
7				
8				
9				

STONE & WEBSTER ENGINEERING CORPORATION
 NINE MILE POINT NUCLEAR STATION - UNIT 2
 NIAGARA MOHAWY POWER CORPORATION
 100 1177

INSTRUCTIONS TO SUPPLIER (E2)
 APPROVED AS DEFINED IN SPECIFICATION
 APPROVED AS REVISED SPECIFICATION
 RELEASED FOR FABRICATION
 RELEASED FOR MATERIAL PURCHASE

SUPPLIER TO RESUBMIT FOR REVIEW FOR RECORD NONE REQUIRED

NOTES:

DESIGN ENGINEER'S DATE STAMP (D)
 J.S.

INITIALS OF SELECTED REVIEWERS

RESPONSIBLE ENGINEER'S DATE STAMP (E2)
 J.S. 1/27/78

REVISIONS

1. SUPERSEDES S&W FILE NO. 12177-00
 2. REMARKS (LIMIT TO 32 CHARACTERS & BLANKS) (E2)
 NIA
 3. S&W EQUIP. ID CODE (E2)
 20001594513280
 4. AREA DESTINATION (E2)
 POWER DIST. WIRING
 5. SHEET NO. (LIMIT TO 24 CHARACTERS & BLANKS) (E2)
 PWR-85-1 REV. 2
 6. SHEET TITLE (LIMIT TO 64 CHARACTERS & BLANKS) (E2)
 FOXBORO
 7. DATE MONTH YEAR (LIMIT TO 10) (E2)
 1/27/78
 8. FUNCTIONAL TITLE (E2)
 POWER DIST. WIRING
 9. PROJECT NO. (LIMIT TO 10) (E2)
 10. DESIGN NO. (LIMIT TO 10) (E2)
 11. JOB ORDER NO. (LIMIT TO 10) (E2)
 12177-00

9305040408

SI APERTURE CARD

9305040408

07-918
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