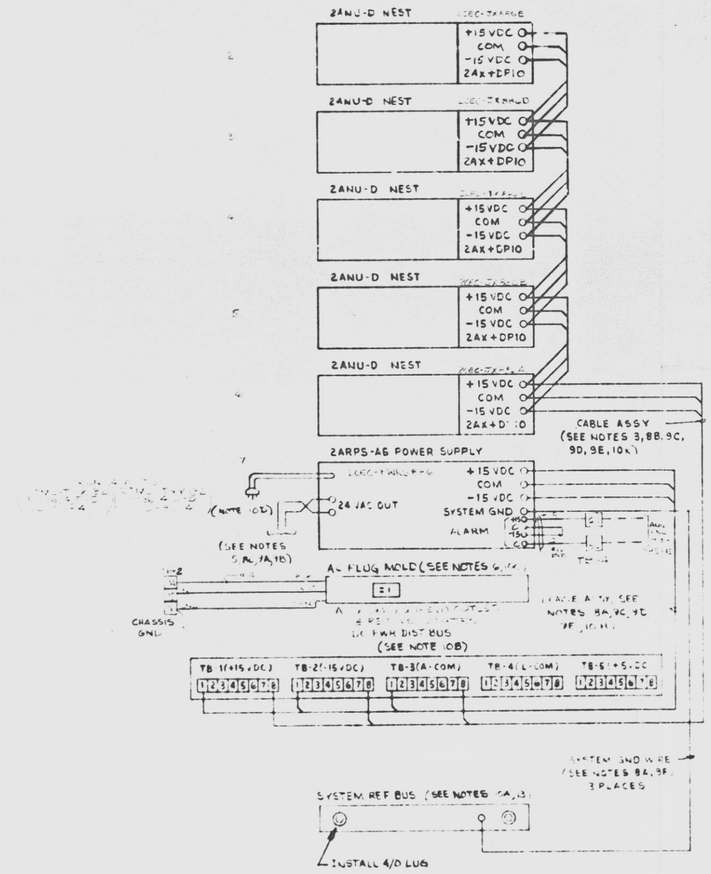

NOTES:

1. ALL WIRING TO BE STRANDED COPPER, IRRADIATED CROSSLINKED POLYE[illegible]ING INSULATED, FLAME RETARDANT
2. BURNDY RING TONGUE CONNECTORS TO BE USED ON ALL WIRING. DO NOT SPLICE WIRES
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. RESERVED
8. WIRE SIZES:

A	POWER SUPPLY TO D.C. BUS	#10 AWG
B	D.C. PWR DIST BUS TO PWR DIST MODULES	# 4 AWG
C	24 VAC	#18 TWISTED PAIR
D	0-10 VDC	#[illegible] TWISTED PAIR
E	CONNECTIONS BETWEEN SYSTEM REF BUS	#6 AWG
F	SINGLE WIRE	#16 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	ORANGE

10. RACK ACCESSORIES:

		FOXBORO PART NO.
A	SYSTEM REFERENCE BUS	N0220ND
B	D.C. POWER DIST BUS	N0220NT
C	AC PLUG MOLD	D0126WZ
D	AC PLUG	N0139SZ
E	COOLING FAN	[illegible]
F	HORIZONTAL WIREWAY	N0220SH
G	HORIZONTAL WIREWAY COVER	N0220SJ
H	CABLE ASSY - PWR SUPPLY (AT LEVEL 7) TO D.C. PWR DIST BUS	N0220TE
I	CABLE ASSY - PWR SUPPLY (AT LEVEL 6) TO D.C. PWR DIST BUS	N0220TF
J	CABLE ASSY - D.C. PWR DIST BUS TO PWR DIST MODULES (LEVEL [illegible])	A[illegible]02F[illegible]
K	CABLE ASSY - D.C. PWR DIST BUS TO PWR DIST MODULES (LEVEL [illegible])	A[illegible]03F[illegible]
L	[illegible]	[illegible]
M		

11. RACK IS FOXBORO MODEL [illegible]
12. [illegible]
13. SYSTEM REFERENCE BUS TO BE USED FOR SPEC 200 EQ[illegible] DEVICES OR POWER GROUND. SYSTEM REFERENCE BUS M[illegible]
14. DO NOT JUMPER SYS REF BUS WITH SHLD TERM BLK.
15. TERMINAL BLOCKS ARE [illegible]
16. WIRE NUMBERS WILL BE POINT OF TERMINATION UNLESS OTHERWISE NOTED

REVISION			
NO.	DATE	BY	REMARKS
1			
2	[illegible]	[illegible]	AS BUILT
3			
4			
5			
6			
7			
8			
9			

FOXBORO

NUCLEAR

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

MANUFACTURER'S DRAWING DATA FORM

NAME
RESP. ENG. B. SINHA (E1)
RESP. DES. ENG. P. HUHA (E1)

✓ INSTRUCTIONS TO SUPPLIER (E2)
✓ APPROVED AS DEFINED IN SPECIFICATION
APPROVED AS REVISED
RELEASED FOR FABRICATION
RELEASED FOR MATERIAL PURCHASE
✓ INSTRUCTIONS TO DESIGN (E1)

SUPPLIER TO RESUBMIT
ON TY: REVISED PRINTS; REVISED MICROFILM APERTURE CARDS
FOR REVIEW; FOR RECORD; NONE REQUIRED

I-O INFORMATION ONLY
P-L PRELIMINARY LAYOUT
P-S PRODUCTION STUDIES
R&C REVIEW AND COMMENT
F-D FINAL DETAILS
NEW NEW
REV REVISED

NOTES:

DATE TO DESIGN (C) NR
REQUIRED RETURN DATE (E1) NR

(E0 ✓ FOR INFORMATION ONLY RETURN TO SUPPLIER NOT REQUIRED)
DESIGN ENGINEER'S DATE STAMP (D) IN NR

INSTRUCTIONS TO DESIGN (E1): I-O | P-L | P-S | R&C | F-D | NEW | REV

DESIGN ENGINEER'S DATE STAMP (D) OUT MH
DETAILS OF SELECTED REVIEWERS BB
RESPONSIBLE ENGINEER'S DATE STAMP (E2) DATE FEB 07 1985 B.P.

DESIGN GROUP ROUTING (D)

ROUTE ✓		REQUIRED PRINT	REQUIRED M/C	RVW #
	ARCHITECTURE			
	CIVIL			
	CONCRETE			
	STEEL			
	BUILDING SERVICE			
	INSTRUMENT			
	MECHANICAL			
	PIPE SUPPORT			
	STRESS			
	MACHINE DESIGN/VESSEL			
	ELECTRICAL			
	LIGHTING			
	MODEL SHOP			
	EXTENSION OFFICE			
	CONTROL			

SUPERSEDES S&W FILE NO. (E0126-24C (80-86)): 9007N5945L633I/C
REMARKS (C) (LIMIT TO 22 CHARACTERS & BLANKS) (80-74):
S&W EQUIP. ID CODE (E1) (15-24): 2CECHANL85W
AREA DESIGNATION (CODES (E1) (75-80)): 14
MFR'S DWG NO. (C) (LIMIT TO 24 CHARACTERS & BLANKS) (57-80): PWR-86-1 REV 2
MFR'S NAME (C) (LIMIT TO 20 CHARACTERS & BLANKS) (61-80): FOXBORO
DATE RECD (C) (MONTH / DAY / YEAR) (25-30): 02 01 85
DWG TYPE (E1): I
MAX DAYS IN DESIGN (E1): 00
FUNCTIONAL TITLE (E1) (41 CHARACTERS & BLANKS): POWER DIST WIRING NOTES RACK #A3-P86
S&W FILE NO. (E1): 9007N5945L633I/D
JOB ORDER NO. 12177 00

(C) PROJECT CLERK
(D) RESP. DESIGN ENGINEER
(E1) RESP. ENGINEER - ON DWG. RECEIPT
(E2) RESP. ENGINEER - AFTER DWG. REVIEW
M&C MICROFILM APERTURE CARD
B.R.W. INITIALS

ATTACH TO MFR'S DRAWING

SI
APERTURE
CARD

9305040415 D

16-07-10