BUS "A" WIRING CONNECTION POINTS

FROM: BUS A (+15VDC)	TO: SUBASS'Y SERVICE	AWG	COLOR
PIN 1	B1-1-2-1	14	W/VIO
PIN 1	B1-1-2-3	18	
PIN 3	B1-2-10-14		
PIN 7	B1-2-7-14		
PIN 7	B1-2-1-14		
PIN 3	B1-2-4-14		
PIN 4	B1-2-13-14		
PIN 5	B2-2-7-14		
B2-2-7-14 / PIN 6	B2-2-13-14 / B2-2-1-14		
B2-2-1-14	B2-2-3-14		
PIN 7	B1-3-7-14		
B1-3-7-14	B1-3-4-14		
B1-3-4-14	B1-3-1-14		
PIN 8	B1-3-13-14		
PIN 10	B2-3-1-14		
B2-3-1-14	B2-3-4-14		
B2-3-4-14	B2-3-7-14		
B2-3-7-14	B2-3-9-14		
B2-3-9-14	B2-3-13-14		
PIN 13	B2-4-1-14		
B2-4-1-14	B2-4-4-14		
B2-4-4-14	B2-4-6-14		
B2-4-6-14	B2-4-9-14		
B2-4-9-14	B2-4-11-14		
B1-6-13-14	B1-6-10-14		
PIN 15	B1-5-4-14		
B1-5-4-14	B1-5-1-14		
PIN 19	B1-6-7-14		
B1-6-7-14	B1-6-4-14		
B1-6-4-14	B1-6-1-14		
PIN 20	B1-6-13-14		
PIN 21	B1-7-14-14		
B1-7-14-14	B1-7-12-14		
B1-7-12-14 / B1-7-10-14	B1-7-10-14 / B1-7-7-14		
B1-7-7-14	B1-7-4-14		
B1-7-4-14	B1-7-1-14	18	W/VIO.
PIN 3	B1-2-5-[illegible]	22	RED
PIN 11	B1-4-13-14	18	W/VIO
B1-4-13-14	B1-4-10-14		
B1-4-10-14	B1-4-7-14		
B1-4-7-14	B1-4-4-14		
B1-4-4-14	B1-4-1-14	18	W/VIO

BUS "B" WIRING CONNECTION POINTS

FROM: BUS B (SIG. COM)	TO: SUBASS'Y SERVICE	AWG	COLOR
PIN 1	B1-1-2-4	18	YEL/GR.
PIN 1	B1-1-2-6 △01	14	
PIN 3	B1-2-5-CB	18	
PIN 3	CAB. 1 ROW 2 HORIZONTAL BUS	14	
CAB. 1 ROW 2 HORIZONTAL BUS	B1-2-1-31	18	
	B1-2-4-31		
	B1-2-7-31		
	B1-2-10-29		
	B1-2-10-31		
CAB. 1 ROW 2 HORIZONTAL BUS	B1-2-13-31	18	
PIN 5	CAB. 2 ROW 2 HORIZONTAL BUS	14	
CAB. 2 ROW 2 HORIZONTAL BUS	B2-2-1-31	18	
	B2-2-1-29		
	B2-2-4-10 / B2-2-3-31		
CAB. 2 ROW 2 HORIZONTAL BUS	B2-2-7-31	18	
PIN 7	CAB. 1 ROW 3 HORIZONTAL BUS	14	
CAB. 1 ROW 3 HORIZONTAL BUS	B1-3-1-31	18	
	B1-3-4-31		
	B1-3-7-29		
	B1-3-7-31		
CAB. 1 ROW 3 HORIZONTAL BUS	B1-3-13-31	18	
PIN 9	B2-12-1-8	22	
PIN 10	CAB. 1 ROW 3 HORIZONTAL BUS	14	YEL/GR.
PIN 4	B1-2-5-J8	22	BLK
PIN 12	B2-5-1-(-)	18	YEL/GRN
B2-5-1-(-)	B2-3-5-17	18	YEL/GRN
PIN 11	CAB. 1 ROW 4 HORIZONTAL BUS	14	YEL/GR.
CAB. 1 ROW 4 HORIZONTAL BUS	B1-4-1-31	18	
	B1-4-4-3 / B1-4-4-31		
	B1-4-7-3 / B1-4-7-31		
	B1-4-10-31		
	B1-4-13-29		
CAB. 1 ROW 4 HORIZONTAL BUS	B1-4-13-31	18	
PIN 13	CAB. 2 ROW 4 HORIZONTAL BUS	14	
CAB. 2 ROW 4 HORIZONTAL BUS	B2-4-1-31	18	
	B2-4-4-31		
	B2-4-6-2 / B2-4-6-31		
	B2-4-9-29		
	B2-4-9-31		
	B2-4-11-29		
	B2-4-11-31		
CAB. 2 ROW 4 HORIZONTAL BUS		18	
PIN 15	CAB. 1 ROW 5 HORIZONTAL BUS	14	
CAB. 1 ROW 5 HORIZONTAL BUS	B1-5-1-31	18	
	B1-5-4-31		
	B2-8-3-10		
CAB. 1 ROW 5 HORIZONTAL BUS	B2-8-3-12		
PIN 19	CAB. 1 ROW 6 HORIZONTAL BUS	14	
CAB. 1 ROW 6 HORIZONTAL BUS	B1-6-1-3 / B1-6-1-29	18	
	B1-6-1-31		
	B1-6-4-31 / B1-6-7-29		
	B1-6-7-31		
	B1-6-10-31 / B1-6-13-29		
CAB. 1 ROW 6 HORIZONTAL BUS	B1-6-13-31	18	
PIN 23	CAB. 1 ROW 7 HORIZONTAL BUS	14	
CAB. 1 ROW 7 HORIZONTAL BUS	B1-7-1-29	18	
	B1-7-1-31		
	B1-7-4-29		
	B1-7-4-31		
	B1-7-7-29		
	B1-7-7-31		
	B1-7-10-29		
	B1-7-10-31		
	B1-7-12-29		
	B1-7-12-31	18	YEL/GR.
CAB. 1 ROW 7 HORIZONTAL BUS	B1-7-14-29 / B1-7-14-31		
CAB. 2 ROW 3 HORIZONTAL BUS	B2-3-1-31		
	B2-3-4-31		
	B2-3-7-29		
	B2-3-7-31		
	B2-3-9-29		
	B2-3-9-31		
CAB. 2 ROW 3 HORIZONTAL BUS	B2-3-13-31	18	YEL/GR.
PIN 1	BUS C PIN 1	12	GRN.

BUS "C" WIRING CONNECTION POINTS

FROM: BUS C (PWR COM.)	TO: SUBASS'Y SERVICE	AWG	COLOR
PIN 1	B2-1-2-1	14	WHT/GR.
PIN 1	B2-1-2-3	18	
PIN 3	B1-2-10-32	18	
PIN 7	B1-2-7-32		
PIN 7	B1-2-1-32		
PIN 2	B1-2-4-32		
PIN 4	B1-2-13-32		
PIN 5	B2-2-7-32		
B2-2-7-32 / PIN 6	B2-2-13-32 / B2-2-1-32		
B2-2-1-32	B2-2-3-32		
PIN 7	B1-3-13-32		
B1-3-13-32	B1-3-7-32		
B1-3-7-32	B1-3-4-32		
B1-3-4-32	B1-3-1-32		
PIN 10	B2-3-1-32		
B2-3-1-32	B2-3-4-32		
B2-3-4-32	B2-3-7-32		
B2-3-7-32	B2-3-9-32		
B2-3-9-22	B2-3-13-32		
PIN 13	B2-4-1-32		
B2-4-1-32	B2-4-4-32		
B2-4-4-32	B2-4-6-32		
B2-4-6-32	B2-4-9-32		
B2-4-9-32	B2-4-11-32		
PIN 15	B1-5-14-32		
B1-5-14-32	B1-5-4-32		
B1-5-4-32	B1-5-1-32		
PIN 19	B1-6-7-32		
B1-6-7-32	B1-6-4-32		
B1-6-4-32	B1-6-1-32		
PIN 20	B1-6-13-32		
B1-6-13-22 / PIN 23	B1-6-10-32 / B1-7-14-32		
B1-7-14-32	B1-7-12-32		
B1-7-12-32	B1-7-10-32		
B1-7-10-32	B1-7-7-32		
B1-7-7-32	B1-7-4-32		
B1-7-4-32	B1-7-1-32		WHT/GR.
PIN 20	B1-6-2-CB		GREEN
PIN 21	B1-6-14-CB		GREEN
PIN 27	B1-10-6-2		WHT/GR
B1-10-6-2	B1-10-4-10		
B1-10-4-10	B1-10-3-10		
B1-10-3-10	B1-10-3-12	18	WHT/GR.
B1-10-3-12	B1-10-2-12	18	WHT/GR.
△T1			
(CONTINUED)			

BUS "C" WIRING CONNECTION POINTS

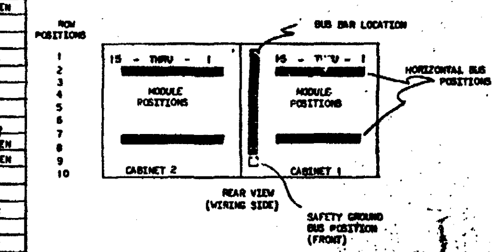
FROM: BUS C (PWR. COM)	TO: SUBASS'Y SERVICE	AWG	COLOR
		18	GREEN
		18	GREEN
PIN 2	B1-10-1-3	12	GREEN
PIN 4	B2-12-1-R	22	
PIN 4	B2-2-5-6	22	GREEN
PIN 5	B2-2-3-27	22	GREEN
PIN 22	B2-8-3-6	18	WHT/GRN
PIN 24	B1-7-13-8	22	
PIN 25	B2-8-3-8	18	WHT/GRN
PIN 11	B1-4-13-32	18	WHT/GR
B1-4-13-32	B1-4-10-32		
B1-4-10-32	B1-4-7-32		
B1-4-7-32	B1-4-4-32		
B1-4-4-32	B1-4-1-32	18	WHT/GR
PIN 24	B2-10-3-12	18	GRN.
B2-10-3-12	B2-10-3-22		
B2-10-3-22	B2-10-4-2		
PIN 26	B2-10-1-12		
B2-10-1-12	B2-10-2-12	18	GREEN
PIN 6	B1-2-14-CB	18	GREEN
PIN 1	BUS B PIN 1	12	GREEN
PIN 28	B2-9-1-2	18	WHT/GR.
B2-9-1-2	B2-9-1-3		
B2-9-1-3	B2-9-1-5		
B2-9-1-5	B2-9-1-6		
B2-9-1-6	B2-9-1-8		
B2-9-1-8	B2-9-1-9		
B2-9-1-9	B2-9-1-11		
B2-9-1-11	B2-9-1-12		
B2-9-1-12	B2-9-2-2		
B2-9-2-2	B2-9-2-3		
B2-9-2-3	B2-9-2-5		
B2-9-2-5	B2-9-2-6		
B2-9-2-6	B2-9-2-8		
B2-9-2-8	B2-9-2-9		
B2-9-2-9	B2-9-2-12		
PIN 29	B2-9-3-3		
B2-9-3-3	B2-9-3-6		
B2-9-3-6	B2-9-3-9		
B2-9-3-9	B2-9-3-11		
B2-9-3-11	B2-9-3-12		
B2-9-3-12	B2-9-4-2		
B2-9-4-2	B2-9-4-3		
B2-9-4-3	B2-9-4-5		
B2-9-4-5	B2-9-4-6		
B2-9-4-6	B2-9-4-8		
B2-9-4-8	B2-9-4-9		
B2-9-4-9	B2-9-5-2		
B2-9-5-2	B2-9-5-3		
B2-9-5-3	B2-9-5-5		
B2-9-5-5	B2-9-5-6		
B2-9-5-6	B2-9-5-8		
B2-9-5-8	B2-9-5-9		
B2-9-5-9	B2-9-5-11	18	WHT/GR.

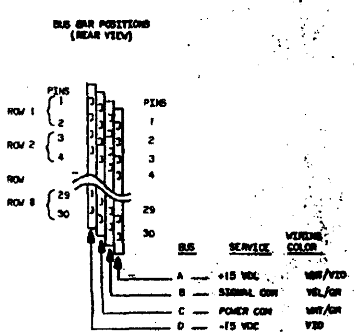
BUS "D" WIRING CONNECTION POINTS

FROM: BUS D (-15VDC)	TO: SUBASS'Y. SERVICE	AWG	COLOR
PIN 1	B2-1-2-6 △01	14	VIO.
PIN 1	B2-1-2-4	18	
PIN 3	B1-2-10-30		
PIN 7	B1-2-7-30		
PIN 7	B1-2-1-30		
PIN 3	B1-2-4-30		
PIN 4	B1-2-13-30		
PIN 5	B2-2-7-30		
B2-2-7-30 / PIN 6	B2-2-13-30 / B2-2-1-30		
B2-2-1-30	B2-2-3-30		
PIN 7	B1-3-7-30		
B1-3-7-30	B1-3-4-30		
B1-3-4-30	B1-3-1-30		
PIN 8	B1-3-13-30		
PIN 10	B2-3-1-30		
B2-3-1-30	B2-3-4-30	18	VIO.
B2-3-4-30	B2-3-7-30		
B2-3-7-30	B2-3-8-30		
B2-3-8-30	B2-3-13-30		
PIN 13	B2-4-1-30		
B2-4-1-30	B2-4-4-30		
B2-4-4-30	B2-4-6-30		
B2-4-6-30	B2-4-9-30		
B2-4-9-30	B2-4-11-30		
PIN 15	B1-5-4-30		
B1-5-4-30	B1-5-1-30		
PIN 19	B1-6-7-30		
B1-6-7-30	B1-6-4-30		
B1-6-4-30	B1-6-1-30		
PIN 20	B1-6-13-30		
PIN 23	B1-7-14-30		
B1-7-14-30	B1-7-12-30		
B1-7-12-30	B1-7-10-30		
B1-7-10-30	B1-7-7-30		
B1-7-7-30	B1-7-4-30		
B1-7-4-30	B1-7-1-30	18	
PIN 4	B2-12-1-P	22	VIO.
PIN 6	B1-3-4-12		
PIN 5	B2-2-7-9		
PIN 4	B2-2-5-8	22	VIO.
PIN 11	B1-4-13-30	18	VIO.
B1-4-13-30	B1-4-10-30		
B1-4-10-30	B1-4-7-30		
B1-4-7-30	B1-4-4-30	18	VIO.
B1-4-4-30	B1-4-1-30		
B1-6-13-30	B1-6-10-30	18	VIO.
PIN 26	B1-7-14-2	22	VIO.
B1-7-14-2	B1-7-14-8		
B1-7-14-8	B1-7-15-2		
PIN 25	B1-7-11-17	22	VIO.

MODULE CHASSIS CONNECTION POINTS

FROM: SAFETY GROUND BUS	TO: SUBASSEMBLY SERVICE	AWG	COLOR
PIN 12	B1-2-13-16	18	GREEN
B1-2-13-16	B1-2-10-16		
B1-2-10-16	B1-2-7-16		
B1-2-7-16	B1-2-4-16		
B1-2-4-16	B1-2-1-16		
B1-2-1-16	B1-3-1-16		
B1-3-1-16	B1-3-4-16		
B1-3-4-16	B1-3-7-16		
B1-3-7-16	B1-3-13-16	18	GREEN
PIN 13	B2-2-1-16	18	GREEN
B2-2-1-16	B2-2-3-16		
B2-2-3-16	B2-2-5-16		
B2-2-5-16	B2-2-7-16		
B2-2-7-16	B2-2-13-16		
B2-2-13-16	B2-3-13-16		
B2-3-13-16	B2-3-9-16		
B2-3-9-16	B2-3-7-16		
B2-3-7-16	B2-3-4-16		
B2-3-4-16	B2-3-1-16	18	GREEN
PIN 14	B2-4-1-16	18	GREEN
B2-4-1-16	B2-4-4-16		
B2-4-4-16	B2-4-6-16		
B2-4-6-16	B2-4-9-16		
B2-4-9-16	B2-4-11-16	18	GREEN
PIN 15	B1-6-13-16	18	GREEN
B1-6-13-16 / B1-6-10-16	B1-6-15-16 / B1-6-7-16		
B1-6-7-16	B1-6-4-16		
B1-6-4-16	B1-6-1-16		
B1-6-1-16	B1-7-1-16		
B1-7-1-16	B1-7-4-16		
B1-7-4-16	B1-7-7-16		
B1-7-7-16	B1-7-10-16		
B1-7-10-16	B1-7-12-16		
B1-7-12-16	B1-7-14-16	18	GREEN
PIN 16	B1-4-13-16	18	GREEN
B1-4-13-16	B1-4-10-16		
B1-4-10-16	B1-4-7-16		
B1-4-7-16	B1-4-4-16		
B1-4-4-16	B1-4-1-16		
B1-4-1-16	B1-5-1-16		
B1-5-1-16	B1-5-4-16		
B1-5-4-16	B1-5-14-16	18	GREEN
PIN 17	B1-1-1-2	18	GREEN
PIN 18	B2-1-1-2	18	GREEN
PIN 15	B2-6-1-6	18	GREEN





NO.	DATE	REVISIONS	BY	CH'K	SUPV
T1	7/7/95	INC. DCN M-536-48-1 PER DCR 94-0119	SBW	FS	WWB

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REFERENCE DRAWINGS:
D8047595 LEGEND & DRAWING REF.
D8047574 POWER DISTRIBUTION

7749-M-536-48-9

THE TOLEDO EDISON CO.
TOLEDO, OHIO
POWER ENGINEERING

SCHEMATIC DIAGRAM
BUS BAR WIRING SUBASSEMBLY "B"
DAVIS-BESSE NUCLEAR POWER STATION-UNIT 1

DWG NO.

BABCOCK & WILCOX DWG NO. 02 1040/850 00
THIS DRAWING PREPARED BY BABCOCK & WILCOX UNDER TASK
7749-M-536-48-6
B&W-NDE, NO3, NUO, N15

					REVISED AS BUILT PER [illegible]	01
DATE	BY	CHD	APVD	PE	REVISION	NO.

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