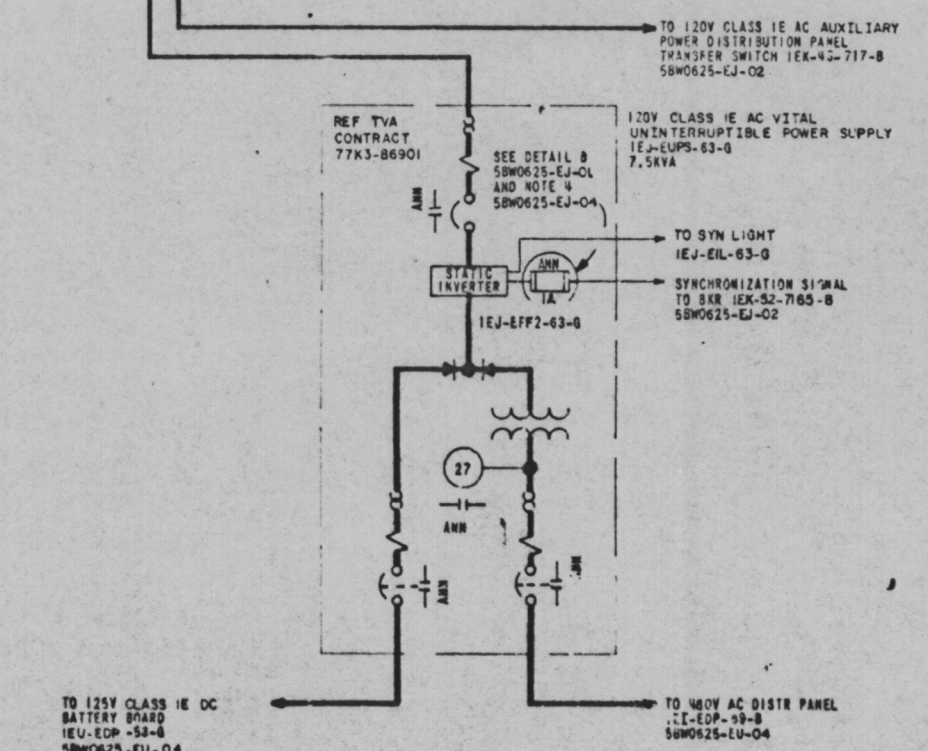
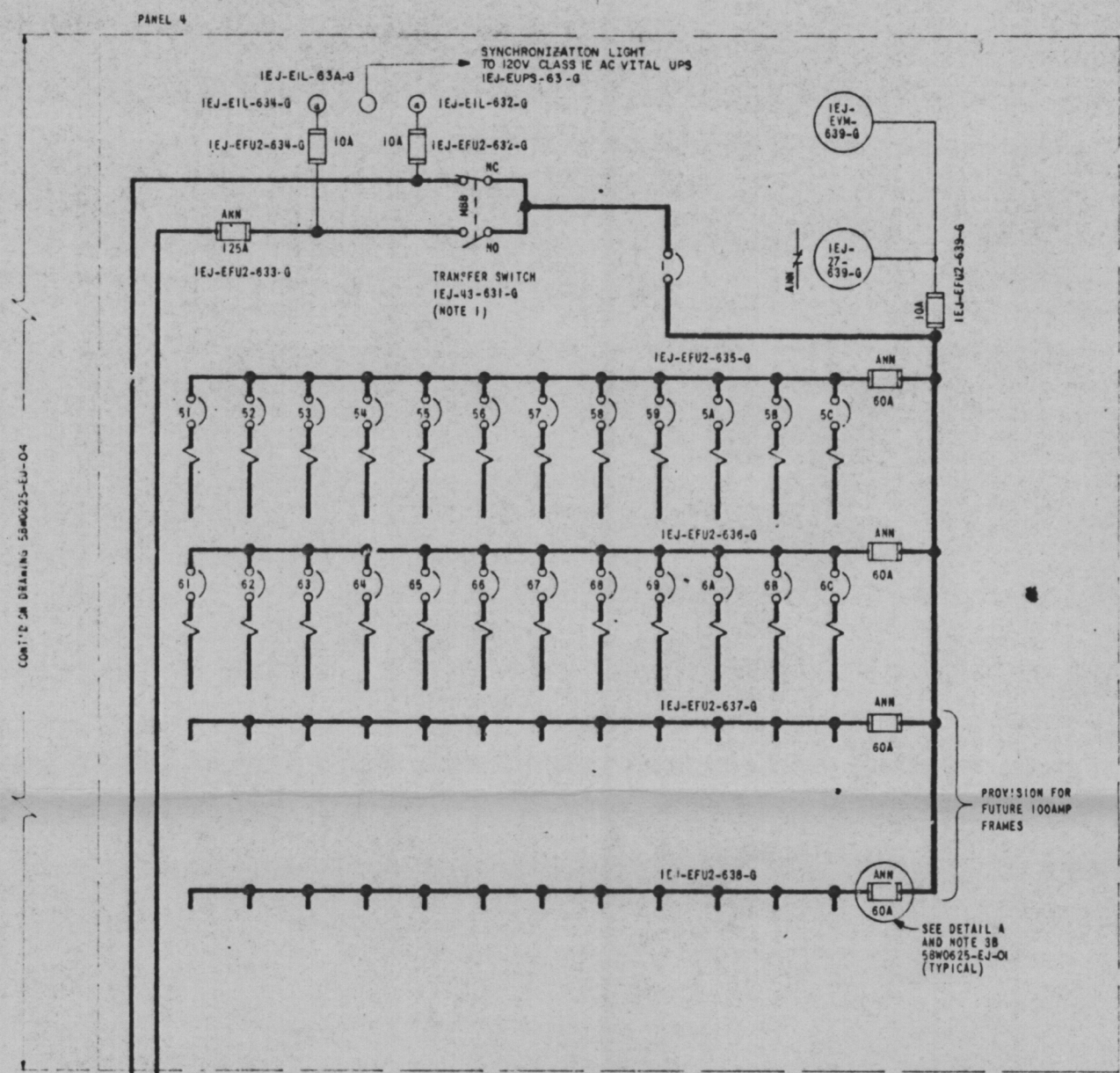


A  
B  
C  
D  
E  
F  
G

120V CLASS 1E AC VITAL POWER DISTRIBUTION PANEL 1EJ-EDP-63-G



PRINTS REQD

REV	DATE	BY	CHKD	APPD
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PHL	BRK	UNID	FRAME	TRIP	CABLE	CIRCUIT
4		IEJ-43-631-G	200		IEU-ECA4-39-G	120V CLASS 1E AC VITAL UNINTERRUPTIBLE POWER SUPPLY
4		IEJ-43-631-G	200		IEU-ECA4-40-G	120V CLASS 1E AC AUXILIARY PWR DISTR PNL
4	1	IEJ-52-631-G	225			120V CLASS 1E AC VITAL POWER DISCONNECT SW
4	51	IEJ-52-631-G	100	15		
4	52	IEJ-52-632-G	100	15		
4	53	IEJ-52-633-G	100	15		
4	54	IEJ-52-634-G	100	15		
4	55	IEJ-52-635-G	100	15		
4	56	IEJ-52-636-G	100	15		SEAMS ISOLATION RELAY ITS-EBUP-002-G
4	57	IEJ-52-637-G	100	15		TR B INSFR HM EXHAUST FAN DAMPERS IVA-EPGV-30-G, 31-G
4	58	IEJ-52-638-G	100	15	IEU-ECA3-93-G	120V CLASS 1E DC PWR DISTR PNL IEU-EDP-53A-G INSTRUMENTS
4	59	IEJ-52-639-G	100	15		
4	5A	IEJ-52-638A-G	100	15		NERPS CHANNEL G IIX-EM-0173-G
4	5B	IEJ-52-638B-G	100	30		ESRAS ANALOG SUBSYSTEM B IIX-IM-0181-G
4	60	IEJ-52-635C-G	100	30		
4	61	IEJ-52-636-G	100	15		
4	62	IEJ-52-637-G	100	15		
4	63	IEJ-52-638-G	100	15		
4	64	IEJ-52-639-G	100	15		
4	65	IEJ-52-638-G	100	15		
4	66	IEJ-52-636-G	100	15		
4	67	IEJ-52-637-G	100	15		
4	68	IEJ-52-638-G	100	15		SVS NK SOL VLV INK-EP5V-131-G
4	69	IEJ-52-639-G	100	15		BCP ISOLATOR IEK-ISOL-162-012EX-ISOL-262-G
4	6A	IEJ-52-638A-G	100	15		AUXILIARY FEEDWATER TURBINE CONTROLS (NCR) ICA-43-003-3
4	6B	IEJ-52-638B-G	100	30		
4	6C	IEJ-52-635C-G	100	30		
4	71		100			
4	72		100			
4	73		100			
4	74		100			
4	75		100			
4	76		100			
4	77		100			
4	78		100			
4	79		100			
4	7A		100			
4	7B		100			
4	7C		100			
4	81		100			
4	82		100			
4	83		100			
4	84		100			
4	85		100			
4	86		100			
4	87		100			
4	88		100			
4	89		100			
4	8A		100			
4	8B		100			
4	8C		100			

-SEE NOTE 3

FUSE	ANN FUSE	FUSE SGT
IEJ-EF02-633-G	IEJ-EFF2-633-G	3
IEJ-EF02-634-G	IEJ-EFF2-634-G	5
IEJ-EF02-635-G	IEJ-EFF2-635-G	5
IEJ-EF02-636-G	IEJ-EFF2-636-G	6
IEJ-EF02-637-G	IEJ-EFF2-637-G	7
IEJ-EF02-638-G	IEJ-EFF2-638-G	8
(NOTE 4)	IEJ-EFF2-63-G	N/A

- GENERAL NOTES, DETAILS, AND REFERENCES ON 58W0625-EJ-01.
- NOTES:
- TRANSFER SWITCH IEJ-43-631-G HAS MAKE-BEFORE-BREAK OPERATION. ALTERNATE POSITION SELECTION CLOSURES AUXILIARY CONTACT (WIRED OUT FOR ANNUNCIATION).
  - BREAKER 1 IS NON-AUTOMATIC.
  - BREAKERS 51-6C ARE HEINEMAN SERIES CF, CURVE 3, MAGNETIC-HYDRAULIC CIRCUIT BREAKERS. "Δ" INDICATES MSDH-INRUSH MODEL, CURVE 30.
  - FUSES IEJ-EFF2-63-G ARE ANNUNCIATING TYPE USED AS CIRCUIT PROTECTION (SEE DETAIL B, 58W0625-EJ-01).
  - ALL BRANCH OR FEEDER FUSES IN PANEL 4 ARE BUSS TYPE KTN OR EQUAL, EXCEPT AS NOTED.
  - FUSES IEJ-EF02-633-G ARE BUSS TYPE FAN OR EQUAL.

PRC APERTURE CARD

Docket # 50-438  
Control # 830 4650536  
Date 3-25-83 of Document:  
REGULATORY DOCKET FILE

REV	NO	DATE	BY	CHKD	APPD	DESCRIPTION
7	036					N/A/N/A/N/A
6	035	5/17/81	WJ	WJ		REVISED LOADS
5	034	3/21/81	WJ	WJ		REVISED LOADS; ADDED FSAN FIG 8.31-17 PER FCN-SI.
4	033	1/18/79	WJ	WJ		REVISED LOADS, NOTE 3, UPS FUSE.
3	032	8/15/77	WJ	WJ		REVISED LOADS, ADDED CABLE NUMBERS, MISC CHANGES.
2	031	2/20/77	WJ	WJ		DELETED ORD TRIP CONFIRM CIRCUIT, REVISED UNID NO'S.
1	030	3/11/75	WJ	WJ		REVISED UNID NO'S, SYN CKT.

POWERHOUSE  
UNITS 1-2

SINGLE LINE  
120V CLASS 1E AC VITAL POWER  
DISTRIBUTION SYSTEM - CHANNEL G

BELLEFONTE NUCLEAR PLANT  
TENNESSEE VALLEY AUTHORITY  
DIVISION OF ENGINEERING DESIGN

SUBMITTED: [Signature]  
RECOMMENDED: [Signature]  
APPROVED: [Signature]

INSPECTED AND APPROVED FOR ISSUE

KNOXVILLE 1-25-83 88 E 58W0625-EJ-04 87

FSAR

THIS DRAWING IS UNDER

FSAR FIG. 8.31-17