

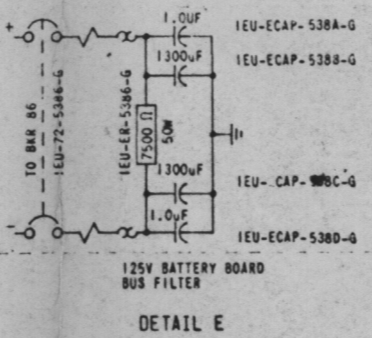
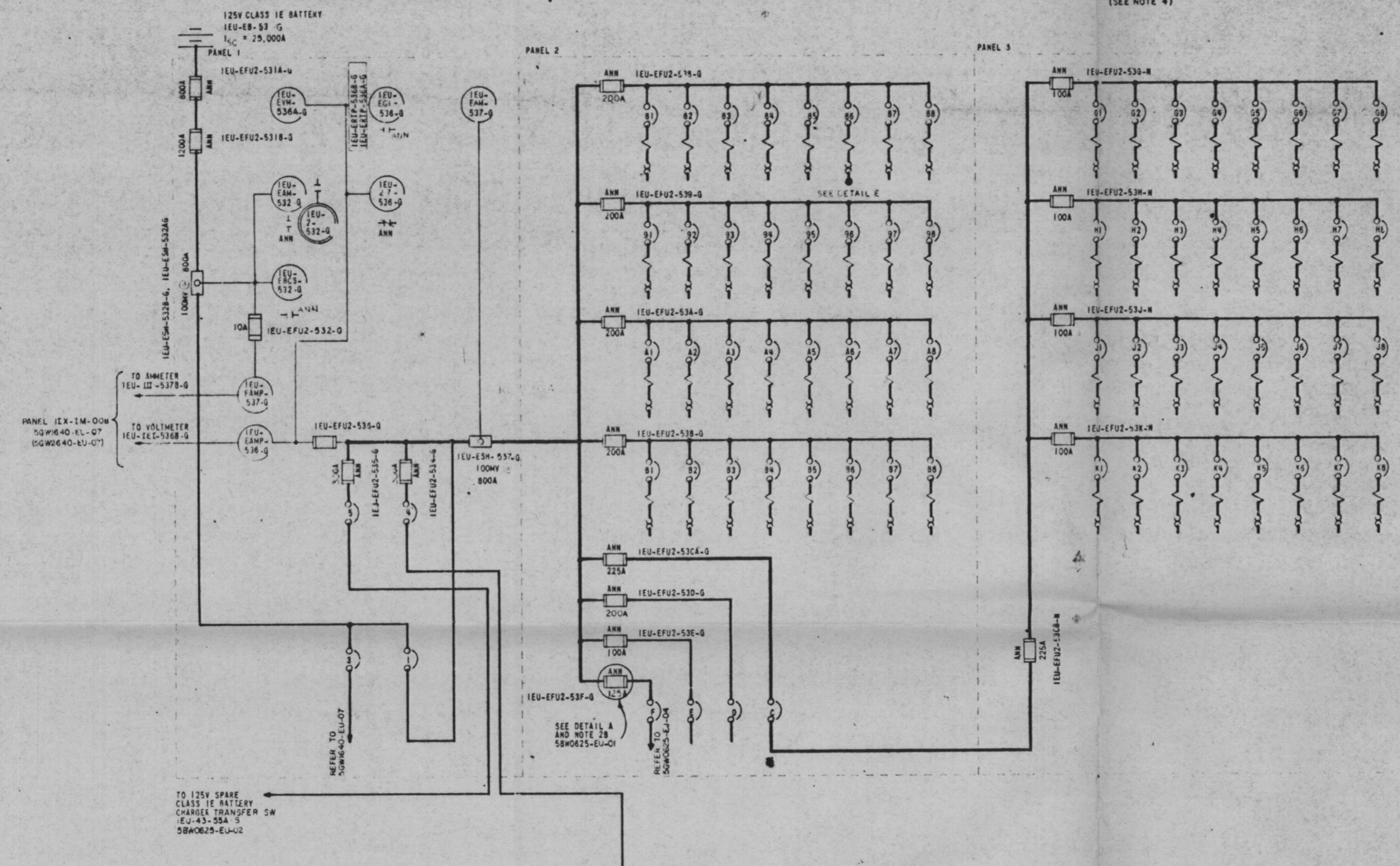
A
B
C
D
E
F
G

125V CLASS IE DC BATTERY BOARD IEU-EBB-53-G

125V CLASS IE DC POWER DISTRIBUTION PANEL IEU-EDP-53A-G

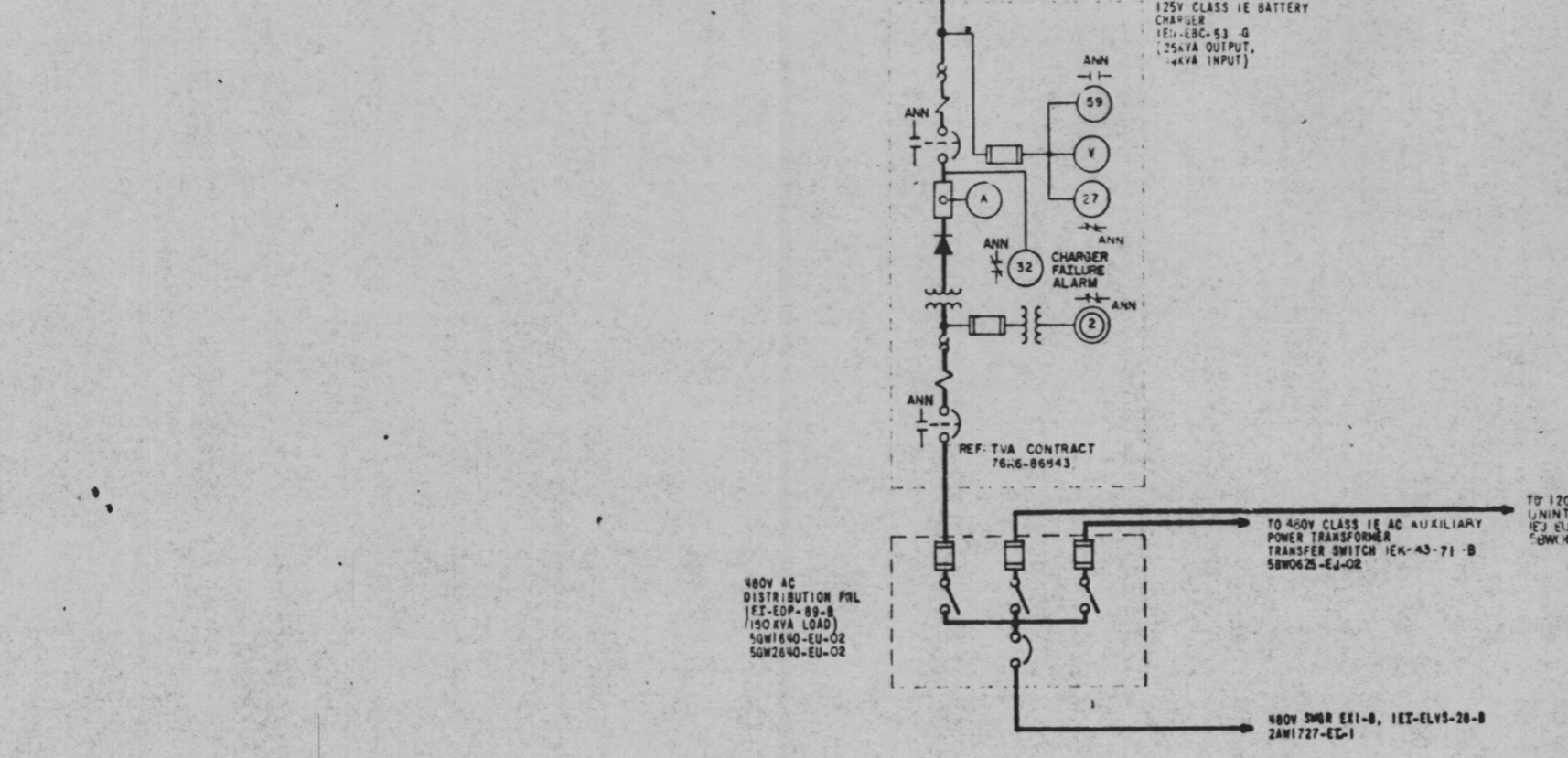
125V CLASS IE DC POWER DISTRIBUTION PANEL IEU-EDP-53B-G

125V DC POWER DISTRIBUTION PANEL IEU-EDP-53C-N (SEE NOTE 4)



FUSE ANNUNCIATION UNIT

FUSE	ANN FUSE	FUSE SET
IEU-EF2-531A-G	IEU-EF2-531A-G	1A
IEU-EF2-531B-G	IEU-EF2-531B-G	1B
IEU-EF2-534-G	IEU-EF2-534-G	4
IEU-EF2-535-G	IEU-EF2-535-G	5
IEU-EF2-536-G	IEU-EF2-536-G	B
IEU-EF2-539-G	IEU-EF2-539-G	S*
IEU-EF2-53A-G	IEU-EF2-53A-G	A
IEU-EF2-53B-G	IEU-EF2-53B-G	B
IEU-EF2-53CA-G	IEU-EF2-53CA-G	CA
IEU-EF2-53D-G	IEU-EF2-53D-G	D
IEU-EF2-53E-G	IEU-EF2-53E-G	E
IEU-EF2-53F-G	IEU-EF2-53F-G	F
IEU-EF2-53G-N	IEU-EF2-53G-N	G
IEU-EF2-53H-N	IEU-EF2-53H-N	H
IEU-EF2-53J-N	IEU-EF2-53J-N	J
IEU-EF2-53K-N	IEU-EF2-53K-N	K
IEU-EF2-53C-N	IEU-EF2-53C-N	CB



NOTE 6 SBW0625-EU-01

PANEL	BAR	276 UNIT	FRAME	TRIP	CABLE	CIRCUIT SCHEDULE	CIRCUIT
1	4	IEU-72-531A-G	400			125V CLASS IE BATTERY CHARGER IEU-EBB-53-G	
1	3	IEU-72-533-G	400			125V CLASS IE BATTERY CHARGER IEU-EBB-53-G	
1	1	IEU-72-531-G	800		IEU-ECA4-53-60	125V CLASS IE BATTERY DISCHARGE TEST IEU-EJB-53-G	
2	81	IEU-72-5381-G	100	50			
2	82	IEU-72-5382-G	100	50			
2	83	IEU-72-5383-G	100	30			6.3KV SWGR 1E11-B, IEU-EWS-07-B, ALT FOR
2	84	IEU-72-5384-G	100	30			
2	85	IEU-72-5385-G	100	30			
2	86	IEU-72-5386-G	100	30			125V BATTERY BOARD BUS FILTER IEU-EBB-53B-G
2	87	IEU-72-5387-G	100	15			
2	88	IEU-72-5388-G	100	15			125V BATTERY BOARD BUS FILTER IEU-EBB-53B-G
2	89	IEU-72-5389-G	100	15			
2	90	IEU-72-5390-G	100	15			
2	91	IEU-72-5391-G	100	50			
2	92	IEU-72-5392-G	100	50			
2	93	IEU-72-5393-G	100	30			13.8KV TRG 1P8, IEU-EWS-02, ALT FOR PWR SYS CONTROL
2	94	IEU-72-5394-G	100	10			
2	95	IEU-72-5395-G	100	30			
2	96	IEU-72-5396-G	100	10			
2	97	IEU-72-5397-G	100	15			
2	98	IEU-72-5398-G	100	15			
2	99	IEU-72-5399-G	100	50			
2	100	IEU-72-5382-G	100	50			125V CLASS IE AC VITAL UNINTERRUPTIBLE PWR SUP IEU-EUB-65-G
2	101	IEU-72-5383-G	100	30			125V DC EMERGENCY LIGHTING BOARD IEU-ELG-1-G
2	102	IEU-72-5384-G	100	30			
2	103	IEU-72-5385-G	100	30			480V SWGR 1E11-B, IEU-EWS-28-B, ALT FOR RCP CONTROL
2	104	IEU-72-5386-G	100	30			15.9KV SWGR 1P8, IEU-EWS-02, NOR FOR RCP CONTROL
2	105	IEU-72-5387-G	100	15			125V DC EMERGENCY LIGHTING BOARD IEU-ELG-1-G
2	106	IEU-72-5388-G	100	15			
2	107	IEU-72-5389-G	100	15			
2	108	IEU-72-5390-G	100	15			
2	109	IEU-72-5391-G	100	15			
2	110	IEU-72-5392-G	100	15			
2	111	IEU-72-5393-G	100	15			
2	112	IEU-72-5394-G	100	15			
2	113	IEU-72-5395-G	100	15			
2	114	IEU-72-5396-G	100	15			
2	115	IEU-72-5397-G	100	15			
2	116	IEU-72-5398-G	100	15			
2	117	IEU-72-5399-G	100	15			
2	118	IEU-72-5380-G	100	30			
2	119	IEU-72-5381-G	100	30			
2	120	IEU-72-5382-G	100	30			
2	121	IEU-72-5383-G	100	30			
2	122	IEU-72-5384-G	100	30			
2	123	IEU-72-5385-G	100	30			
2	124	IEU-72-5386-G	100	30			
2	125	IEU-72-5387-G	100	30			
2	126	IEU-72-5388-G	100	30			
2	127	IEU-72-5389-G	100	30			
2	128	IEU-72-5390-G	100	30			
2	129	IEU-72-5391-G	100	30			
2	130	IEU-72-5392-G	100	30			
2	131	IEU-72-5393-G	100	30			
2	132	IEU-72-5394-G	100	30			
2	133	IEU-72-5395-G	100	30			
2	134	IEU-72-5396-G	100	30			
2	135	IEU-72-5397-G	100	30			
2	136	IEU-72-5398-G	100	30			
2	137	IEU-72-5399-G	100	30			
2	138	IEU-72-5380-G	100	30			
2	139	IEU-72-5381-G	100	30			
2	140	IEU-72-5382-G	100	30			
2	141	IEU-72-5383-G	100	30			
2	142	IEU-72-5384-G	100	30			
2	143	IEU-72-5385-G	100	30			
2	144	IEU-72-5386-G	100	30			
2	145	IEU-72-5387-G	100	30			
2	146	IEU-72-5388-G	100	30			
2	147	IEU-72-5389-G	100	30			
2	148	IEU-72-5390-G	100	30			

PRC APERTURE CARD

Doclet # 50-430
Control # 8204050536
Date 3-25-83
of Document
REGULATORY DOCKET FILE

GENERAL NOTES, DETAILS, AND REFERENCES ON SBW0625-EU-01

NOTES:

1. IEU-EAMP-537-G, SHUNT/ISOLATION/AMPLIFIER, HAS SIGNAL LEVELS AS FOLLOWS:
INPUT: -30MV TO +100MV
OUTPUT: 0.1MA TO 10.0MA
SCIENTIFIC COLUMBUS MODEL 6271A (MODIFIED) OR EQUAL.
2. IEU-EAMP-536-G, ISOLATION AMPLIFIER, HAS SIGNAL LEVELS AS FOLLOWS:
INPUT: 0 TO 150V DC
OUTPUT: 0 TO 3.0MA
SCIENTIFIC COLUMBUS MODEL 6271A (MODIFIED) OR EQUAL.
3. BREAKER C, IEU-72-53G-G, IS NON-AUTOMATIC.
4. DISTRIBUTION PANEL IEU-EDP-53C-N SUPPLIES 125V DC POWER TO SPECIFIC NON-CLASS IE LOADS AND IS CONSIDERED TO BE ISOLATED FROM CHANNEL D. SEPARATION CATEGORY "M" IS SHOWN HERE FOR CLARITY ONLY AND MAY BE OMITTED ON OTHER DRAWINGS.

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	03/25/83
2	03/25/83
3	03/25/83

POWERHOUSE

UNITS 1 & 2

SINGLE LINE
125V CLASS IE DC 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: [Signature]

NO. 004 SBW0625-EU-04