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REV	LOAD DESCRIPTION	EQUIP. No.	MCC No.	SCHEM. No.	CONT. No.	BREAKER				STARTER		WIRE SIZE (AWG)	LOAD KVA or H.P.	FULL LOAD AMPS.	CONT. AMPS.
						FRAME SIZE	TRIP RATING	INST. TRIP SETTING	ROB SIZE	TYPE	REMARKS				
6	DIESEL GENERATOR ROOM 1B MCC FEED 1224	1B54	1B5601	E-20	1B5601	225	225								
10	SPARE	SPARE	1B5602	E-20	1B5602	100	30			1	2A				
10	SPARE	SPARE	1B5603	E-20	1B5603	100	5			1	2A				
10	SPARE	SPARE	1B5604	E-20	1B5604	100	30			1	2A				
12	FUEL POOL COOLING SYSTEM RB ISOLATION VLV IMO-1405	IMO-1405	1B5605	E-322	1B5605	100	3			1	2C1	#14	.67HP	2.3	
5	HIGH PRESSURE INJECTION VALVE IMO-0341C	IMO-0341C	1B5606	E-242	1B5606	100	5			1	2C2	#14	1.6HP	4	
4	CCW DECAY HEAT COOLER BLOCK VLV IMO-1607D	IMO-1607D	1B5607	E-209	1B5607	100	3			1	2C1	#14	.33HP	.35	
11	RD AIR COOLER ISOLATION VLV IMO-191B	IMO-191B	1B5608	E-199	1B5608	100	3			1*	2C1	#14	.33HP	.35	
9	SERVICE WTE SYS CCW HX BLOCK VLV IMO-1907	IMO-1907	1B5609	E-196	1B5609	100	5			1	2C1	#14	.07HP	2.3	
5	DH 2S LP INJECTION VALVE IMO-1020B	IMO-1020B	1B5610	E-250	1B5610	100	30			1	2C1	#10	.33HP	5.2	
1	FUEL POOL COOLING SYS RB ISOLATION VLV IMO-1411	IMO-1411	1B5611	E-322	1B5611	100	3			1	2C1	#14	1.9HP	3.4	
1	HIGH PRESSURE INJECTION VALVE IMO-241D	IMO-241D	1B5612	E-242	1B5612	100	5			1	2C2	#14	1.6HP	4	
3	AUX BLDG. DIST. PANEL 1BPC4	1BPC4	1B5613	E-97	1B5613	100	50				CB	#6			
5	HIGH PRESSURE INJECTION SUPPLY VLV IMO-0330D	IMO-0330D	1B5614	E-248	1B5614	100	5			1	2C1	#14	1.9HP	3.5	
10	DHR LET DOWN BYPASS VLV IMO-1058	IMO-1058	1B5615	E-253	1B5615	100	30			1	2C1-5	#10	5.4HP		
10	" " " " IMO-1059	IMO-1059	1B5616	E-253	1B5616	100	30			1	2C1-5	#10	5.4HP		
13	LOW PRESSURE INJECTION CROSS-TIE VALVE IMO-1055B	IMO-1055B	1B5617	E-252	1B5617	100	10			1	2C1	#14	2 HP	2.5	
8	CORE FLOODING TANK OUTLET BLOCK VLV IMO-1001B	IMO-1001B	1B5618	E-254	1B5618	100	30			1	2C1	#6	10.5	15.1	
12	DECAY HEAT RETURN ISOLATION VLV IMO-1012	IMO-1012	1B5619	E-253	1B5619	100	100			2	2C1-5	#10	25.6	32.5	
11	RD AIR CLR THROTTILING VALVE IMO-1920	IMO-1920	1B5620	E-198	1B5620	100	3			1*	2C2	#14	.33HP	0.95	
12	FUEL POOL COOLING SYS RB ISOLATION VLV IMO-1416	IMO-1416	1B5621	E-322	1B5621	100	3			1	2C1	#14	.67HP	2.3	
5	CCW REACTOR BLDG ISOLATION VALVE IMO-1660	IMO-1660	1B5622	E-213	1B5622	100	5			1	2C1	#14	.66HP	2.3	
13	DECAY HEAT REMOVAL HX DISCHARGE VALVE IMO-1013B	IMO-1013B	1B5623	E-250	1B5623	100	3			1	2C1	#14	1.4HP	.55	
9	DECAY HEAT REMOVAL HX BYPASS VALVE IMO-1014B	IMO-1014B	1B5624	E-250	1B5624	100	3			1	2C2	#14	.14HP	.55	

1	2	3	4	5	6
A	A	A	A	A	A
1B5601	1B5602	1B5603	1B5604	1B5605	1B5606
1B5607	1B5608	1B5609	1B5610	1B5611	1B5612
1B5613	1B5614	1B5615	1B5616	1B5617	1B5618
1B5619	1B5620	1B5621	1B5622	1B5623	1B5624

CLASS 1E 460V MOTOR CONTROL CENTER No. 1B56

LOCATION: AUX. BLDG. AREA 3 EC. CH. 0

CONTROL PANEL FOR THESE STARTERS ARE LOCATED IN CUB. 1B5634 REF. DWG: 7220-E7-12

NOTES:

1. CKT. BKR. WITH REMOTE OPERATOR.
2. TERMINATION OF 350MCM CABLE WILL BE DONE AS PER NOTE #2 DWG. 7220-E17 SH.1.
3. TO FACILITATE TERMINATION OF #2 CABLE TERMINATE WITH #6 CABLE BY USING BURNDY REDUCER CAT# YRV2CV6CL. INSTALLATION TO BE DONE TO MANUF. INSTRUCTIONS. INSULATE CONNECTION WITH PANGHEM WCF-N SHRINK TUBE.

BECHTEL  
ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2  
CONSUMERS POWER COMPANY

CLASS 1E 460V MOTOR CONTROL CENTER SCHEDULE UNIT 1

JOB No.	DRAWING No.	REV.
7220	E-17(Q) SH.10	13

16X

CERTIFICATE OF MICROFILMING

" I certify that the image contained on this frame was made in the normal and regular course of business, on the date stated below and that it is an accurate reproduction of the document submitted to the contractor for filming, by Bechtel Power Corporation."

10-30-82 DATE  
 Pam Smith CAMERA OPERATOR  
 Sue Crockett CONTRACTOR SUPERVISOR

P.P.C. APERTURE CARD

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RIDS

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