

17"
11"
8.5"

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11"
8.5"

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REV.	LOAD DESCRIPTION	EQUIP. No.	MCC No.	COAT. No.	SCHEME No.	BREAKER				STARTER		WIRE SIZE (AWG)	LOAD KVA	FULL LOAD AMPS	CONT. AMPS.
						FRAME SIZE	TRIP SETTING	INST. TRIP	TRIP POS.	TYPE	REMARKS				
6	DIESEL GENERATOR ROOM 2A MCC FEED 2B55	2B55	2B5501	E-80	2AB5501	2.25	225								
10	SPARE	SPARE	2B5502		2AB5502	100	30								
10	SPARE	SPARE	2B5503		2AB5503	100	10								
10	SPARE	SPARE	2B5504		2AB5504	100	30								
11	REACTOR CAVITY FLOODING TANK 2T-3; TO RBCH VLV 2MO-2507	2MO-2507	2B5505	E-240	2AB5505	100	3					#14			HOLD
12	HIGH PRESSURE INJECTION VALVE 2MO-0441A	2MO-0441	2B5506	E-242	2AB5506	100	10					#14	1.6HP	4	
5	CCW DECAY HEAT COOLER BLOCK VALVE 2MO-1707A	2MO-1707	2B5507	E-209	2AB5507	100	3					#14	2.3HP	.99	
11	RB AIR COOLER ISOLATION VALVE 2MO-1947	2MO-1947	2B5508	E-199	2AB5508	100	3					#14	0.33HP	.99	
5	SERVICE WATER SYS CCW HX BLOCK VALVE 2MO-1933	2MO-1933	2B5509	E-196	2AB5509	100	3					#14	0.67HP	2.3	
5	DHR UP INJECTION VALVE TO MAKEUP PUMP 2MO-1120A	2MO-1120	2B5510	E-250	2AB5510	100	10					#14	3.3HP	9.2	
9	LOW PR INJECTION CROSSIE VALVE 2MO-1155A	2MO-1155	2B5511	E-252	2AB5511	100	10					#14	2HP		
12	HIGH PRESSURE INJECTION VALVE 2MO-0441B	2MO-0441	2B5512	E-242	2AB5512	100	10					#14	1.6HP	4	
1	SPACE	SPACE	2B5513		2AB5513										
9	HIGH PRESSURE INJECTION SUPPLY VALVE 2MO-0430A	2MO-0430	2B5514	E-240	2AB5514	100	3					#14	1.9HP	3.5	
10	DHR LETDOWN BYPASS VLV 2MO-1158	2MO-1158	2B5515	E-253	2AB5515	100	30					#10	5.4HP		
10	DHR LETDOWN BYPASS VLV 2MO-1159	2MO-1159	2B5516	E-253	2AB5516	100	30					#10	3.4HP		
10	SPACE	SPACE	2B5517		2AB5517	100	10								
8	COKE FLOODING TANK OUTLET BLOCK VALVE 2MO-1101A	2MO-1101	2B5518	E-254	2AB5518	100	30					#6	10.5HP	15.1	
7	DECAY HEAT RETURN ISOLATION VALVE 2MO-1111	2MO-1111	2B5519	E-253	2AB5519	100	100					#2	2.96HP	32.5	
13	RB AIR COOLER THROTTLING VALVE 2MO-1945	2MO-1945	2B5520	E-198	2AB5520	100	3					#14	0.33HP	0.95	
5	RB AIR COOLER ISOLATION VALVE 2MO-1983	2MO-1983	2B5521	E-199	2AB5521	100	3					#14	0.33HP	.99	
10	SPACE HEATER DISCONNECT		2B5522	E-80	0AY3312	100	20					#10			
11	DECAY HEAT REMOVAL HX DISCHARGE VALVE 2MO-1113A	2MO-1113	2B5523	E-250	2AB5523	100	3					#14	.14HP	.55	
11	DECAY HEAT REMOVAL HX BYPASS VALVE 2MO-1114A	2MO-1114	2B5524	E-250	2AB5524	100	3					#14	.14HP	.55	

1	2	3	4	5	6
A	A	A	A	A	A
2B5519	2B5505	2B5509	2B5515	2B5521	
B	B	B	B	B	
2B5501	2B5511	2B5506	2B5510	2B5516	2B5513
C	C	C	C	C	C
2B5502	2B5517	2B5507	2B5512	2B5518	2B5522
D	D	D	D	D	D
2B5503	2B5504	2B5508	2B5514	2B5520	2B5524

CLASS IE 460V MOTOR CONTROL CENTER No 2B55
 * CONTROL XFMR FOR THIS STARTER IS LOCATED IN CUB. 2B5546
 REF. DWG: 7220-E7-19
 NOTE 1: TO FACILITATE TERMINATION OF #2 CABLE TERMINATE WITH #6 CABLE BY USING BURNDY REDUCER. CAT. # YR2CV6CL. INSTALLATION SHOULD BE DONE AS PER MANUFACTURER INSTRUCTION. INSULATE THE CONNECTION WITH RAYCHEM V-202-13 SHRINK TUBE.
 NOTE 2: TO FACILITATE TERMINATION OF 350MCM CABLE, TERMINATE WITH 4/0 CABLE BY USING BURNDY REDUCING ADAPTOR Y312BR AND BURNDY BARREL SPLICE Y31 AND INSTALL ACCORDING TO MANUF. INSTRUCTIONS. INSULATE THE CONNECTION WITH RAYCHEM V-202-13 SHRINK TUBE.

BECHTEL
ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

CLASS IE 460V MOTOR CONTROL CENTER
SCHEDULE UNIT 2 - COMMON

JOB No.	DATE	REV.
7220	E-18(Q) SH.8	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."
 DATE 12-20-87 CAMERA OPERATOR Pam Smith CONTRACTOR SUPERVISOR Sue Crockett

PRO APERTURE CARD

8.5"
11"
17"

RIDS

8302030274

