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REV.	LOAD DESCRIPTION	EQUIP. No.	MCC CUBICLE No.	CONT. No.	DNG. No.	SCHEDULE No.	BREAKER				STARTER		WIRE SIZE (AWG)	LOAD KVA	FULL LOAD AMPS	CONT. AMPS.
							FRAME SIZE	TRIP RATING	DIST. TRIP SETTING	SIZE	TYPE	REMARKS				
15	DIESEL GENERATOR ROOM 2A MCC FEED 2B55	2B55	2B5501	E-80	2AB5501	250	225	100	30	1	2A	CB SEEN IN 1500MCM				
10	SPARE	SPARE	2B5502		2AB5502	100	30			1	2A					
10	SPARE	SPARE	2B5503		2AB5503	100	10			1	2A					
15	AUX. BLDG UNIT COOLER 2YM-121A	2YM-121	2B5504	E-85	2AB5504	100	10			1	2A		#14	3HP	100/4430	
11	REACTOR CAVITY FLOODING TANK 2T-31 TO RACH 2M-507	2M-507	2B5505	E-240	2AB5505	100	3			1	2C1	ADD 3A RECEPT	#14			HOLD
12	HIGH PRESSURE INJECTION VALVE 2MO-0441A	2MO-0441	2B5506	E-242	2AB5506	100	10			1	2C2		#14	1.6HP	4	
15	CCW DECAY HEAT COOLER BLOCK VALVE 2MO-1707A	2MO-1707	2B5507	E-205	2AB5507	100	3			1	2C1	ADD 3A RECEPT	#14	0.33HP	.99	
11	RB AIR COOLER ISOLATION VALVE 2MO-1947	2MO-1947	2B5508	E-190	2AB5508	100	3			1	2C1	ADD 3A RECEPT	#14	0.33HP	.99	
5	SERVICE WATER SYS CCW HX BLOCK VALVE 2MO-1933	2MO-1933	2B5509	E-196	2AB5509	100	3			1	2C1		#14	0.67HP	2.3	
5	DHRS LP INJECTION VALVE TO MAKEUP PUMP 2MO-1120A	2MO-1120	2B5510	E-250	2AB5510	100	10			1	2C1		#14	3.5HP	9.2	
9	LOW PR INJECTION CROSS TIE VALVE 2MO-1155A	2MO-1155	2B5511	E-252	2AB5511	100	10			1	2C1		#14	2HP		
12	HIGH PRESSURE INJECTION VALVE 2MO-0441B	2MO-0441	2B5512	E-242	2AB5512	100	10			1	2C2		#14	1.6HP	4	
1	SPACE		2B5513		2AB5513											
1	HIGH PRESSURE INJECTION SUPPLY VALVE 2MO-0430A	2MO-0430	2B5514	E-240	2AB5514	100	3			1	2C1		#14	2.0HP	5.5	
10	DHR LETDOWN BYPASS VLV 2MO-1158	2MO-1158	2B5515	E-253	2AB5515	100	30			1	2C15		#10	5.4HP		
10	DHR LETDOWN BYPASS VLV 2MO-1159	2MO-1159	2B5516	E-253	2AB5516	100	30			1	2C15		#10	5.4HP		
15	AUX BLDG UNIT COOLER 2YM-120	2YM-120	2B5517	E-85	2AB5517	100	10			1	1G-3		#14	3HP	100/4430	
15	COLE FLOODING TANK OUTLET BLOCK VALVE 2MO-1101A	2MO-1101	2B5518	E-254	2AB5518	100	30			2	2C15	NOTE 3	#2	25.6HP	32.5	
7	DECAY HEAT RETURN ISOLATION VALVE 2MO-1111	2MO-1111	2B5519	E-258	2AB5519	100	100			1	2C2	ADD 3A RECEPT	#14	0.33HP	0.95	
13	RB AIR COOLER THROTTLING VALVE 2MO-1949	2MO-1949	2B5520	E-198	2AB5520	100	3			1	2C1	ADD 3A RECEPT	#14	0.33HP	.99	
5	25 WK COOLER ISOLATION VALVE 2MO-1963	2MO-1963	2B5521	E-199	2AB5521	100	3			1	2C1		#10			
10	SPACE HEATER DISCONNECT		2B5522	E-80	2AB5522	100	20				CB		#10			
14	DECAY HEAT REMOVAL HX DISCHARGE VALVE 2MO-1112A	2MO-1112	2B5523	E-250	2AB5523	100	3			1	2C2	ADD 3A RECEPT	#14	33HP	.75	
15	DECAY HEAT REMOVAL HX BYPASS VALVE 2MO-1114A	2MO-1114	2B5524	E-250	2AB5524	100	3			1	2C2	ADD 3A RECEPT	#14	33HP	.75	

1	2	3	4	5	6
A	A	A	A	A	A
2B5519	2B5505	2B5509	2B5515	2B5521	
2B5501	2B5511	2B5506	2B5516	2B5513	
2B5502	2B5507	2B5512	2B5518	2B5523	
2B5503	2B5504	2B5508	2B5514	2B5520	2B5524

CLASS 12 460V MOTOR CONTROL CENTER No. 2B55

* CONTROL XFMR. FOR THIS STARTER IS LOCATED IN CUB. 2B5546

NOTE 1: TO FACILITATE REMOTE OPERATOR

NOTE 2: TO FACILITATE TERMINATION OF 350MCM CABLE, TERMINATE WITH 4/0 CABLE BY USING BURNDY REDUCER.

NOTE 3: TO FACILITATE TERMINATION OF 350MCM CABLE, TERMINATE WITH 4/0 CABLE BY USING BURNDY REDUCING ADAPTOR Y3120R AND BURNDY BARREL SPLICE Y331 AND INSTALL ACCORDING TO MANUF. INSTRUCTIONS INSULATE THE CONNECTION WITH RAYCHEM WESP-N SHRINK TUBE.

LOCATION: AUX. BLDG. AREA 3 EL 24.0'

REF. DNG: 7220-E7-19

BECHTEL ANN ARBOR, MICHIGAN		
MIDLAND PLANT UNITS 1 & 2 CONSUMERS POWER COMPANY		
CLASS 1E 460V MOTOR CONTROL CENTER SCHEDULE UNIT 2 - COMMON		
JOB No.	DRAWING No.	REV.
7220	E-18 (Q) SH.8	15

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7-13-83
DATE
CAMERA OPERATOR
MICROFILM OPERATOR

16X

P.R.C.
APERTURE
CARD

PDR RIDS

8401110380

