

17"
11"
8.5"
11"
17"

17"
11"
8.5"
11"
17"

16X

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 reprographics.
11-20-82 Tech. Serv. Sec. 1
28-82-11

REV.	LOAD DESCRIPTION	EQUIP. No.	MCC No.	CONT. No.	DNG. No.	SCHEME No.	BREAKER				STARTER		WIRE SIZE (AWG)	LOAD KVA	FULL LOAD AMPS.	CONT. AMPS.
							FRAME SIZE	TRIP/COIL	INST. TRIP	TRIP/COIL	TYPE	REMARKS				
8	DIESEL GENERATOR ROOM IA MCC FEED 1B53	1B53	1B5501	E-80	1A	B5501	225	225								
11	SPARE	SPARE	1B5502		1A	B5502	100	30								
11	SPARE	SPARE	1B5503		1A	B5503	100	5								
11	SPARE	SPARE	1B5504		1A	B5504	100	30								
12	REACTOR CAVITY FLOODING TANK IT-13 TO KBCH 102 VALVE 1M0-1507	1M0-1507	1B5505	E-260	1A	B5505	100	3								
5	HIGH PRESSURE INJECTION VALVE 1M0-0341A	1M0-0341A	1B5506	E-242	1A	B5506	100	5								HOLD
5	CCW DECAY HEAT COOLER BLOCK VALVE 1M0-1607A	1M0-1607A	1B5507	E-209	1A	B5507	100	3						1.6HP	4	
8	RB AIR COOLER ISOLATION VALVE 1M0-1915	1M0-1915	1B5508	E-199	1A	B5508	100	3						0.33HP	.95	
5	SERVICE WTR SYS CCW HX BLOCK VALVE 1M0-1909	1M0-1909	1B5509	E-196	1A	B5509	100	3						0.33HP	.95	
14	DRSLP INJECTION VALVE TO MAKE UP PUMP 1M0-1028A	1M0-1028A	1B5510	E-253	1A	B5510	100	10						0.67	2.3	
5	LOW FR. INJECTION CROSS VALVE 1M0-1055A	1M0-1055A	1B5511	E-253	1A	B5511	100	10						0.67	2.3	
5	HIGH PRESSURE INJECTION VALVE 1M0-0341B	1M0-0341B	1B5512	E-242	1A	B5512	100	5						1.6HP	4	
12	SPACE		1B5513		1A	B5513										
5	HIGH PRESSURE INJECTION SUPPLY VALVE 1M0-0330A	1M0-0330A	1B5514	E-248	1A	B5514	100	5						1.9HP	3.5	
11	DHR LET DOWN BYPASS VLV 1M0-1058	1M0-1058	1B5515	E-253	1A	B5515	100	30						5.4HP		
12	" " " " 1M0-1059	1M0-1059	1B5516	E-253	1A	B5516	100	30						5.4HP		
13	CONTROL XFMR. FOR 1B5505, 1B5508, 1B5520, 1B5523, 1B5547		1B5517													
4	COKE FLOODING TANK OUTLET BLOCK VALVE 1M0-1001A	1M0-1001A	1B5518	E-254	1A	B5518	100	30						9.3HP	10.6	
11	DECAY HEAT RETURN ISOLATION VALVE 1M0-1011	1M0-1011	1B5519	E-253	1A	B5519	100	100						25.6HP	32.9	
12	RB AIR COOLER THROTTLING VALVE 1M0-1917	1M0-1917	1B5520	E-198	1A	B5520	100	3						0.33HP	0.95	
5	RB AIR COOLER ISOLATION VALVE 1M0-1919	1M0-1919	1B5521	E-199	1A	B5521	100	3						0.33HP	0.95	
5	SPACE HEATER DISCONNECT		1B5522	E-80		DAY3310		20						3.3HP	.95	
13	DECAY HEAT REMOVAL HX DISCHARGE VALVE 1M0-1013A	1M0-1013A	1B5523	E-250	1A	B5523	100	3						1.4HP	.55	
13	DECAY HEAT REMOVAL HX BYPASS VALVE 1M0-1014A	1M0-1014A	1B5524	E-250	1A	B5524	100	3						1.4HP	.55	

1	2	3	4	5	6
A	A	A	A	A	A
B	B	B	B	B	B
C	C	C	C	C	C
D	D	D	D	D	D

CLASS IE 460V MOTOR CONTROL CENTER No. 1B55
 * CONTROL XFMR. FOR THESE STARTERS ARE LOCATED IN CAB 1B5317
 LOCATION: AUX BLDG AREA 3 EL. 614.0'
 REF. DNG: 7-20-87-11
 NOTE 1: CIRCUIT BREAKER WITH REMOTE OPERATOR.
 NOTE 2: TERMINATION OF 350 MCM CABLE WILL BE DONE AS PER NOTE #2 DWR 7220-ET760 SH #1
 NOTE 3: TO FACILITATE TERMINATION OF THE #2 CABLE TERMINATE WITH #6 CABLE BY USING BURNDY REDUCER CAT. # RY 2CV6 EL. INSTALLATION SHOULD BE DONE AS PER MANUFACTURER'S INSTRUCTION. INSULATE THE CONNECTION

BECHTEL
ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

CLASS IE 460V MOTOR CONTROL CENTER SCHEDULE UNIT I

JOB No.	DRAWING No.	REV.
7220	E-17(Q) SH.8	14

APERTURE CARD

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 10-2-82 INCORPORATED ECR #2965 # ADD 1/28/82 REJECT
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 15 1/18 ISSUED FOR CONSTRUCTION

RIDS

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