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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 Fred S. Anderson, Stationer

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REV.	LOAD DESCRIPTION	EQUIP. No.	MCC SUBCIRCUIT No.	CONT. DWG. No.	SCHEME No.	BREAKER				STARTER		WIRE SIZE (AWG)	LOAD KVA	FULL LOAD AMPS	CONT. AMPS.
						FRAME SIZE	TRIP COIL RATING AMPS	INST. TRIP SETTING	INST. TRIP XFL AMP	TYPE	REMARKS				
4	BATTERY CHARGER 2B31	2D37	2B2425	E-90	2B2425	225	150			CD	SEE WIRE #1	#14		128	
5	DHCS LOW PRESSURE INJECTION VALVE 2MO-1120B	2MO-1120B	2B2426	E-252	2B2426	100	50			2C2	SEE WIRE #1	#14		19.5HP	25.2
7	RB AIR COOLER THROTTLING VALVE 2MO-1938	2MO-1938	2B2427	E-198	2B2427	100	3			2C2	SEE WIRE #1	#14		0.33HP	0.95
5	SPARE	SPARE	2B2428	E-256	2B2428	100	5			2A		#14			
6	REACTOR BLDG. SPRAY VALVE 2MO-1307B	2MO-1307B	2B2429	E-256	2B2429	100	10			2A		#14		1.9HP	5.4
13	RB EMERG. SHUT OFF ISOLATION VALVE 2MO-1305B	2MO-1305B	2B2430	E-256	2B2430	100	50			2A		#14		13.3HP	17.4
5	BORATED WTR STORAGE TANK OUTLET VALVE 2MO-1510B	2MO-1510B	2B2431	E-257	2B2431	100	30			2A		#10		5.3HP	8.4
10	MAKEUP PUMP AUX LUBE OIL PUMP 2P-129B	2P-129B	2B2432	E-233	2B2432	100	10			2C1		#14		1.5HP	2.6
10	LOW PR. INJECTION FLOW CONTROL VALVE 2MO-1124B	2MO-1124B	2B2433	E-252	2B2433	100	3			2C1		#14		0.33HP	0.95
9	CCW LOOP ISOLATION VALVE 2MO-1710B	2MO-1710B	2B2434	E-212	2B2434	100	10			2C1		#14		1.4HP	.55
5	CCW BYPASS ISOLATION VALVE 2MO-1720B	2MO-1720B	2B2435	E-210	2B2435	100	3			2C1		#14		0.33HP	0.95
10	CCW LOOP ISOLATION VALVE 2MO-1725B	2MO-1725B	2B2436	E-212	2B2436	100	10			2C1		#14		1.4HP	.55
12	CCW 2ND ISOLATION VALVE 2MO-1755	2MO-1755	2B2437	E-213	2B2437	100	5			2C1		#14		0.7HP	2.3
10	SPARE	SPARE	2B2438	-	2B2438	100	10			2C1		#14		0.33HP	0.95
5	CCW 2ND ISOLATION VALVE 2MO-1761B	2MO-1761B	2B2439	E-213	2B2439	100	3			2C1		#14		0.33HP	0.95
5	RB AIR COOLER ISOLATION VALVE 2MO-1985	2MO-1985	2B2440	E-199	2B2440	100	3			2C1		#14		1.9HP	3.5
6	MAKEUP & PURIFICATION SYS ISOLATION VALVE 2MO-0429	2MO-0429	2B2441	E-244	2B2441	100	10			2C1		#14		0.33HP	0.95
11	RB AIR COOLER ISOLATION VALVE 2MO-1940	2MO-1940	2B2442	E-190	2B2442	100	3			2C1	ADD 3A HECC FUSE	#14		0.33HP	0.95
5	RB AIR COOLER ISOLATION VALVE 2MO-1984	2MO-1984	2B2443	E-199	2B2443	100	3			2C1		#14		0.33HP	0.95
10	SPARE MAKEUP PUMP AUX LUBE OIL PUMP 2P-129C	2P-129C	2B2444	E-234	2B2444	100	5			2C1		#14		1.5HP	2.6
11	REAC. BLDG. RET. HDR. BYPASS VLV. 2MO-1996B	2MO-1996B	2B2445	E-183	2B2445	100	5			2C1		#14		0.7HP	2.3
2	SPACE	SPACE	2B2446		2B2446	100	5			2C1		#14			
10	SPACE	SPACE	2B2447		2B2447							#14			
12	SPACE	SPACE	2B2448		2B2448							#14			

  

6	7	8	9	10	11
A 2B2426	A 2B2430	A 2B2413	A 2B2439	A 2B2445	A 2B2425
B 2B2427	B 2B2431	B 2B2422	B 2B2440	B 2B2444	B 2B2438
C 2B2428	C 2B2432	C 2B2423	C 2B2441	C 2B2443	C 2B2439
D 2B2429	D 2B2433	D 2B2424	D 2B2442	D 2B2444	D 2B2440
E 2B2430	E 2B2434	E 2B2425	E 2B2443	E 2B2445	E 2B2441

CLASS IE 460V MOTOR CONTROL CENTER No 2B24

\* CONTROL TRANSFORMER FOR 7M5 STARTER IS LOCATED IN CUB. 2B2416

LOCATION: AUX BLDG. AREA 3 EL. 614.0'

REF. DWG: 7220-E7-14

NOTE 1: CIRCUIT BREAKER WITH SHUNT TRIP DEVICE & PROVISIONS FOR BECHTEL BREAKER STATUS INDICATION.

BECHTEL ANN ARBOR, MICHIGAN		
MIDLAND PLANT UNITS 1 & 2 CONSUMERS POWER COMPANY		
CLASS IE 460V MOTOR CONTROL CENTER SCHEDULE UNIT 2 & COMMON		
JOB No. 7220	DRAWING No. E-18(Q) SH 4	REV. 13

PRC APERTURE CARD

RIDS

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