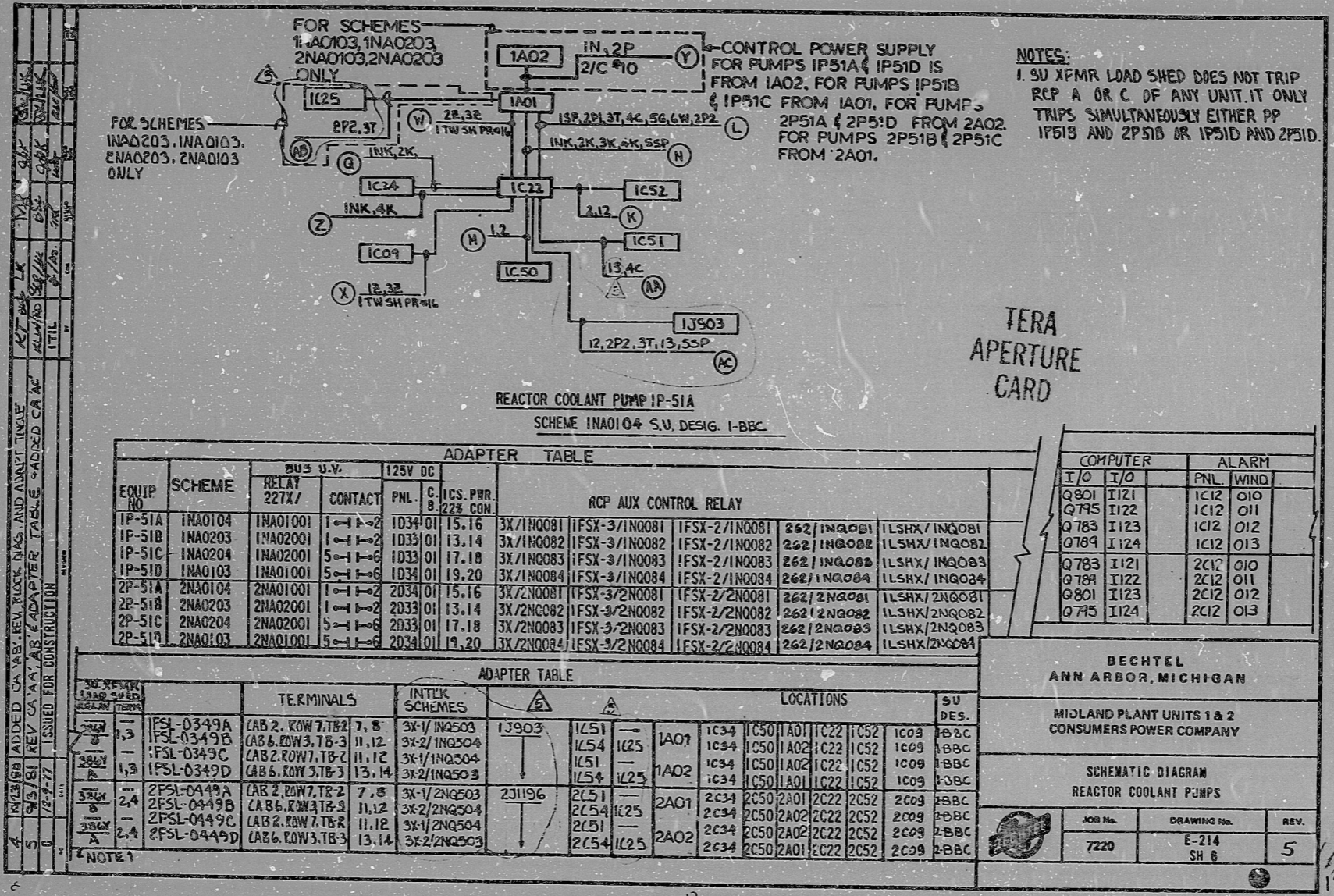


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**NOTES:**  
 1. SU XFMR LOAD SHED DOES NOT TRIP RCP A OR C. OF ANY UNIT. IT ONLY TRIPS SIMULTANEOUSLY EITHER PP 1P51B AND 2P51B OR 1P51D AND 2P51D.

TERA APERTURE CARD

REACTOR COOLANT PUMP IP-51A  
 SCHEME 1NA0104 S.U. DESIG. 1-BCC

EQUIP NO		SCHEME		BUS U.V.		125V DC		RCP AUX CONTROL RELAY							
				RELAY 227X/	CONTACT	PNL	C. ICS. PWR. 22% CON.								
1P-51A	1NA0104	1NA01001	1-1-2	1D34/01	15.16	3X/1N0081	1FSX-3/1N0081	1FSX-2/1N0081	262/1N0081	1LSHX/1N0081	1LSHX/1N0081	1LSHX/1N0081	1LSHX/1N0081	1LSHX/1N0081	1LSHX/1N0081
1P-51B	1NA0203	1NA02001	1-1-2	1D33/01	13.14	3X/1N0082	1FSX-3/1N0082	1FSX-2/1N0082	262/1N0082	1LSHX/1N0082	1LSHX/1N0082	1LSHX/1N0082	1LSHX/1N0082	1LSHX/1N0082	1LSHX/1N0082
1P-51C	1NA0204	1NA02001	5-1-6	1D33/01	17.18	3X/1N0083	1FSX-3/1N0083	1FSX-2/1N0083	262/1N0083	1LSHX/1N0083	1LSHX/1N0083	1LSHX/1N0083	1LSHX/1N0083	1LSHX/1N0083	1LSHX/1N0083
1P-51D	1NA0103	1NA01001	5-1-6	1D34/01	19.20	3X/1N0084	1FSX-3/1N0084	1FSX-2/1N0084	262/1N0084	1LSHX/1N0084	1LSHX/1N0084	1LSHX/1N0084	1LSHX/1N0084	1LSHX/1N0084	1LSHX/1N0084
2P-51A	2NA0104	2NA01001	1-1-2	2D34/01	15.16	3X/2N0081	1FSX-3/2N0081	1FSX-2/2N0081	262/2N0081	1LSHX/2N0081	1LSHX/2N0081	1LSHX/2N0081	1LSHX/2N0081	1LSHX/2N0081	1LSHX/2N0081
2P-51B	2NA0203	2NA02001	1-1-2	2D33/01	13.14	3X/2N0082	1FSX-3/2N0082	1FSX-2/2N0082	262/2N0082	1LSHX/2N0082	1LSHX/2N0082	1LSHX/2N0082	1LSHX/2N0082	1LSHX/2N0082	1LSHX/2N0082
2P-51C	2NA0204	2NA02001	5-1-6	2D33/01	17.18	3X/2N0083	1FSX-3/2N0083	1FSX-2/2N0083	262/2N0083	1LSHX/2N0083	1LSHX/2N0083	1LSHX/2N0083	1LSHX/2N0083	1LSHX/2N0083	1LSHX/2N0083
2P-51D	2NA0103	2NA01001	5-1-6	2D34/01	19.20	3X/2N0084	1FSX-3/2N0084	1FSX-2/2N0084	262/2N0084	1LSHX/2N0084	1LSHX/2N0084	1LSHX/2N0084	1LSHX/2N0084	1LSHX/2N0084	1LSHX/2N0084

COMPUTER		ALARM	
I/O	I/O	PNL	WIND
Q801	I121	IC12	O10
Q795	I122	IC12	O11
Q783	I123	IC12	O12
Q789	I124	IC12	O13
Q783	I121	2C12	O10
Q789	I122	2C12	O11
Q801	I123	2C12	O12
Q795	I124	2C12	O13

EQUIP NO		SCHEME		BUS U.V.		125V DC		RCP AUX CONTROL RELAY							
				RELAY 227X/	CONTACT	PNL	C. ICS. PWR. 22% CON.								
1P-51A	1NA0104	1NA01001	1-1-2	1D34/01	15.16	3X/1N0081	1FSX-3/1N0081	1FSX-2/1N0081	262/1N0081	1LSHX/1N0081	1LSHX/1N0081	1LSHX/1N0081	1LSHX/1N0081	1LSHX/1N0081	1LSHX/1N0081
1P-51B	1NA0203	1NA02001	1-1-2	1D33/01	13.14	3X/1N0082	1FSX-3/1N0082	1FSX-2/1N0082	262/1N0082	1LSHX/1N0082	1LSHX/1N0082	1LSHX/1N0082	1LSHX/1N0082	1LSHX/1N0082	1LSHX/1N0082
1P-51C	1NA0204	1NA02001	5-1-6	1D33/01	17.18	3X/1N0083	1FSX-3/1N0083	1FSX-2/1N0083	262/1N0083	1LSHX/1N0083	1LSHX/1N0083	1LSHX/1N0083	1LSHX/1N0083	1LSHX/1N0083	1LSHX/1N0083
1P-51D	1NA0103	1NA01001	5-1-6	1D34/01	19.20	3X/1N0084	1FSX-3/1N0084	1FSX-2/1N0084	262/1N0084	1LSHX/1N0084	1LSHX/1N0084	1LSHX/1N0084	1LSHX/1N0084	1LSHX/1N0084	1LSHX/1N0084
2P-51A	2NA0104	2NA01001	1-1-2	2D34/01	15.16	3X/2N0081	1FSX-3/2N0081	1FSX-2/2N0081	262/2N0081	1LSHX/2N0081	1LSHX/2N0081	1LSHX/2N0081	1LSHX/2N0081	1LSHX/2N0081	1LSHX/2N0081
2P-51B	2NA0203	2NA02001	1-1-2	2D33/01	13.14	3X/2N0082	1FSX-3/2N0082	1FSX-2/2N0082	262/2N0082	1LSHX/2N0082	1LSHX/2N0082	1LSHX/2N0082	1LSHX/2N0082	1LSHX/2N0082	1LSHX/2N0082
2P-51C	2NA0204	2NA02001	5-1-6	2D33/01	17.18	3X/2N0083	1FSX-3/2N0083	1FSX-2/2N0083	262/2N0083	1LSHX/2N0083	1LSHX/2N0083	1LSHX/2N0083	1LSHX/2N0083	1LSHX/2N0083	1LSHX/2N0083
2P-51D	2NA0103	2NA01001	5-1-6	2D34/01	19.20	3X/2N0084	1FSX-3/2N0084	1FSX-2/2N0084	262/2N0084	1LSHX/2N0084	1LSHX/2N0084	1LSHX/2N0084	1LSHX/2N0084	1LSHX/2N0084	1LSHX/2N0084

BECHTEL  
 ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2  
 CONSUMERS POWER COMPANY

SCHEMATIC DIAGRAM  
 REACTOR COOLANT PUMPS

JOB No.	DRAWING No.	REV.
7220	E-214 SH 8	5

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 CAMERA OPERATOR  
 SUPERVISOR OF REPROGRAPHICS

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RIDS

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