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2	11/11/82	RESIGNED & ISSUED
1	7-30-81	REV'D. REF. SH. NO. 21, 22, 23, 24, INTLK. REF. FOR SH. 51
0	6-1-80	ISSUED FOR CONSTRUCTION

TIME DELAY RELAY 62-1/TDD		
CONTACT	FUNCTION	REF. DWG.
50-1-03	CONTROL-OPEN/CLOSE	SH 4
60-1-04	SPARE	---

TIME DELAY RELAY 62-2/TDD		
CONTACT	FUNCTION	REF. DWG.
50-1-03	REOPEN AFTER TEST OF NONPUMP SIDE	SH 5
60-1-04	ISOLATION CIRCUIT	SH 11

TIME DELAY RELAY 62-3/TDE		
CONTACT	FUNCTION	REF. DWG.
50-1-01	SLOW CLOSE TEST FOR PUMP SIDE	SH 6
60-1-04	SPARE	---

AUXILIARY RELAY 3X-1		
CONTACT	FUNCTION	REF. DWG.
10-1-0	SLOW CLOSE TEST FOR PUMP SIDE	SH 5
20-1-0	SPARE	---
30-1-0	SPARE	---
40-1-0	SPARE	---
50-1-0	CONTROL-OPEN/CLOSE	SH 4
60-1-0	ISOLATION ACTUATION	SH 11

TIME DELAY RELAY 62-4/TDD		
CONTACT	FUNCTION	REF. DWG.
50-1-03	CONTROL-OPEN/CLOSE	SH 4
60-1-04	SLOW CLOSE TEST FOR PUMP SIDE	SH 5

AUXILIARY RELAY 3X-2		
CONTACT	FUNCTION	REF. DWG.
10-1-0	SLOW CLOSE TEST FOR PUMP SIDE	SH 5
20-1-0	SPARE	---
30-1-0	SPARE	---
40-1-0	ISOLATION CIRCUIT	SH 11
50-1-0	CONTROL-OPEN/CLOSE	SH 4
60-1-0	SLOW CLOSE TEST FOR PUMP SIDE	SH 5

AUXILIARY RELAY 3X-3		
CONTACT	FUNCTION	REF. DWG.
10-1-0	SLOW CLOSE TEST FOR PUMP SIDE	SH 5
20-1-0	SLOW CLOSE TEST FOR PUMP SIDE	SH 6
30-1-0	SPARE	---
40-1-0	SPARE	---
50-1-0	SPARE	---
60-1-0	SPARE	---
70-1-0	SLOW CLOSE TEST FOR PUMP SIDE	SH 5

AUXILIARY RELAY 3X-4		
CONTACT	FUNCTION	REF. DWG.
10-1-0	REOPEN AFTER TEST OF PUMP SIDE	SH 5
20-1-0	REOPEN AFTER TEST OF PUMP SIDE	SH 6
30-1-0	SPARE	---
40-1-0	SPARE	---
50-1-0	SPARE	---
60-1-0	SPARE	---

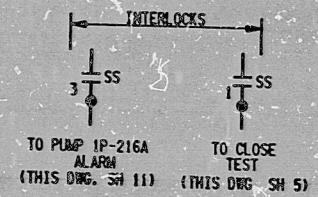
  

TIME DELAY RELAY 62-5/TDD		
CONTACT	FUNCTION	REF. DWG.
50-1-03	REOPEN AFTER TEST OF PUMP SIDE	SH 6
60-1-04	ISOLATION CIRCUIT	SH 11

1XV-3886A VALVE ZS DEVELOPMENT

LIMIT SWITCHES	CONTACT NO.	VALVE POSITION		
		CLOSED	INTER MED	OPEN
ZS1 AT OPEN END	A, B, C, D, E, F, G, H			
ZS2 AT CLOSE END	A, B, C, D, E, F, G, H			
ZS3 AT 90X OPEN	A, B, C, D, E, F, G, H			

\* DENOTES SPARE



BECHTEL  
ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2  
CONSUMERS POWER COMPANY

SCHEMATIC DIAGRAM  
MAIN FW & OTSG BLOWDOWN  
ISOLATION VALVES

JOB NO.	DRAWING NO.	REV.
7220	E-155(Q) SH 7	2

AMC 8-17-82

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.

11-15-82 DATE  
*[Signature]* CAMERA OPERATOR  
*[Signature]* CONTRACTOR'S SUPERVISOR OR MANAGER

16X

PRO APERTURE CARD



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