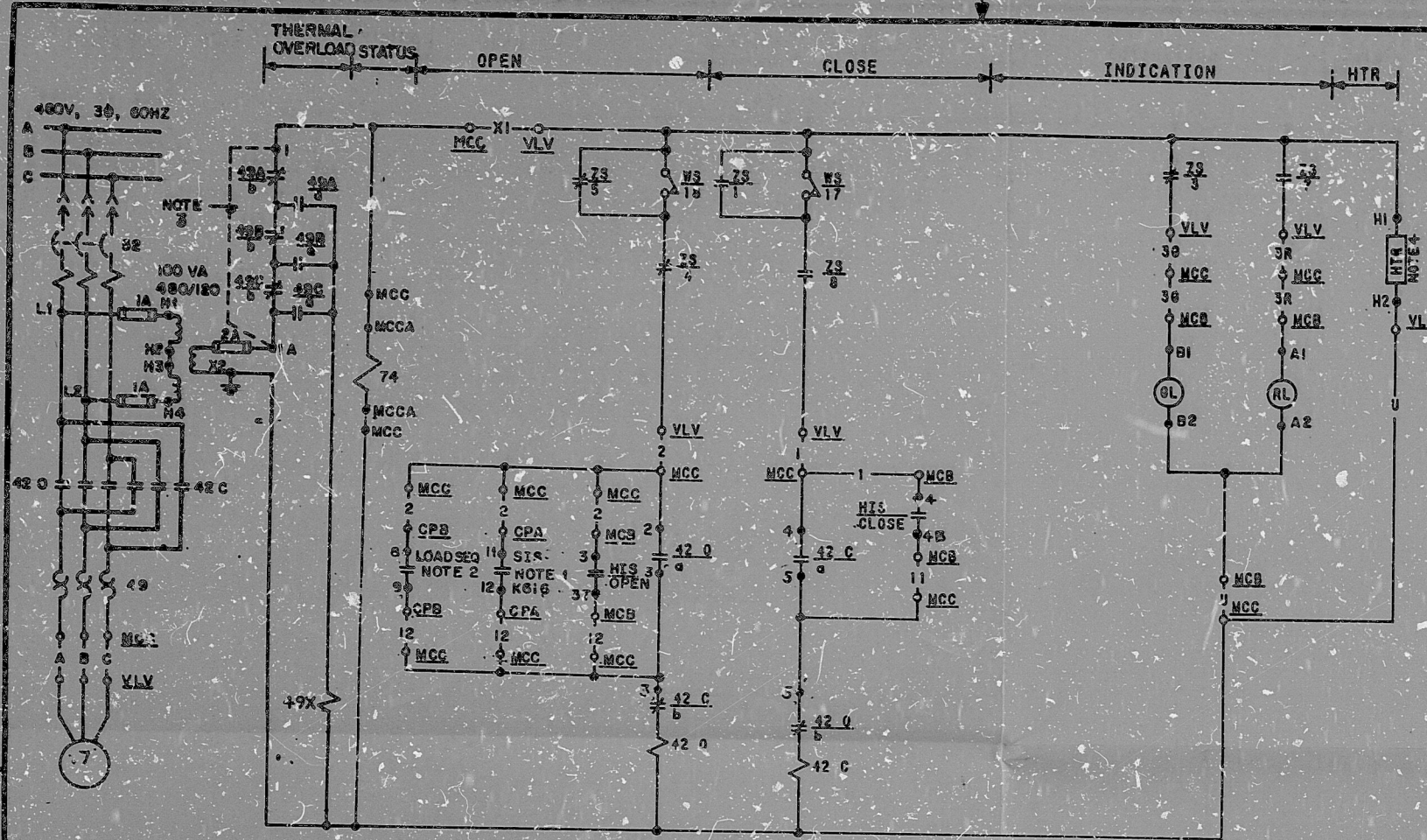


This drawing and the design it covers is the property of the utilities which are participating in the SNUPPS Project. It is loaned to the borrower's express agreement that it will not be reproduced, copied, loaned, exhibited, or used except in the limited way and private use permitted by written consent given by the SNUPPS Utilities to the borrower.



OPEN		CLOSE	
GL	RL	CONTACT	POSITION
		1-11-3T	X X
		3-11-3T	X X
		2-11-2B	X X
		4-11-4B	X X

CUTLER-HAMMER TYPE E30 JYS WITH TWO KLAS CONTACT BLOCKS  
HAND INDICATING SWITCH HIS-SEE TABLE A  
MOMENTARY CONTACT

LIMIT SWITCH CONTACT DEVELOPMENT	ROTOR	VALVE POSITION		FUNCTION
		FULL OPEN	FULL CLOSED	
OPEN	1			BYPASS CKT
OPEN	2			COMPUTER
OPEN	3			2ND LIGHT
OPEN	4			OPEN CKT
OPEN	5			BYPASS CKT
OPEN	6			SPARE
OPEN	7			2ND LIGHT
OPEN	8			CLOSE CKT
OPEN	9			NOTE 5
OPEN	10			SPARE
OPEN	11			NOT USED
OPEN	12			SPARE
OPEN	13			SPARE
OPEN	14			SPARE
OPEN	15			NOT USED
OPEN	16			SPARE
WS	17			TORQUE SW OPENS ON HI CLOSING TORQUE
WS	18			TORQUE SW OPENS ON HI OPENING TORQUE

SOLID BAR INDICATES CONTACT CLOSED

REFERENCE DWGS:  
M-02EF02  
J-02EF05

- TO STATUS PANEL SEE DWG. E-035A04.
- HEATER 25 WATTS MANUFACTURER TYPE LEONARD P/N, 25F750WL OR EQUAL
- JUMPER TO BE INSTALLED PRIOR TO CORE LOADING
- CONTACT CLOSING ON LOAD SEQUENCER SIGNAL STEP NO. '0', FOR DETAILS, SEE BECHTEL V.P. NO. 104-0147
- CONTACT CLOSING ON SAFETY INJECTION SIGNAL, FOR DETAILS, SEE WESTINGHOUSE DWG. BECHTEL V.P. NO. 14-67479

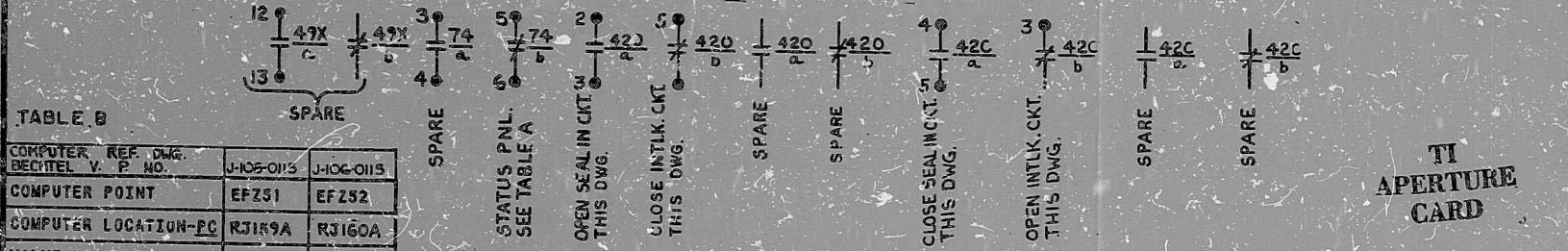
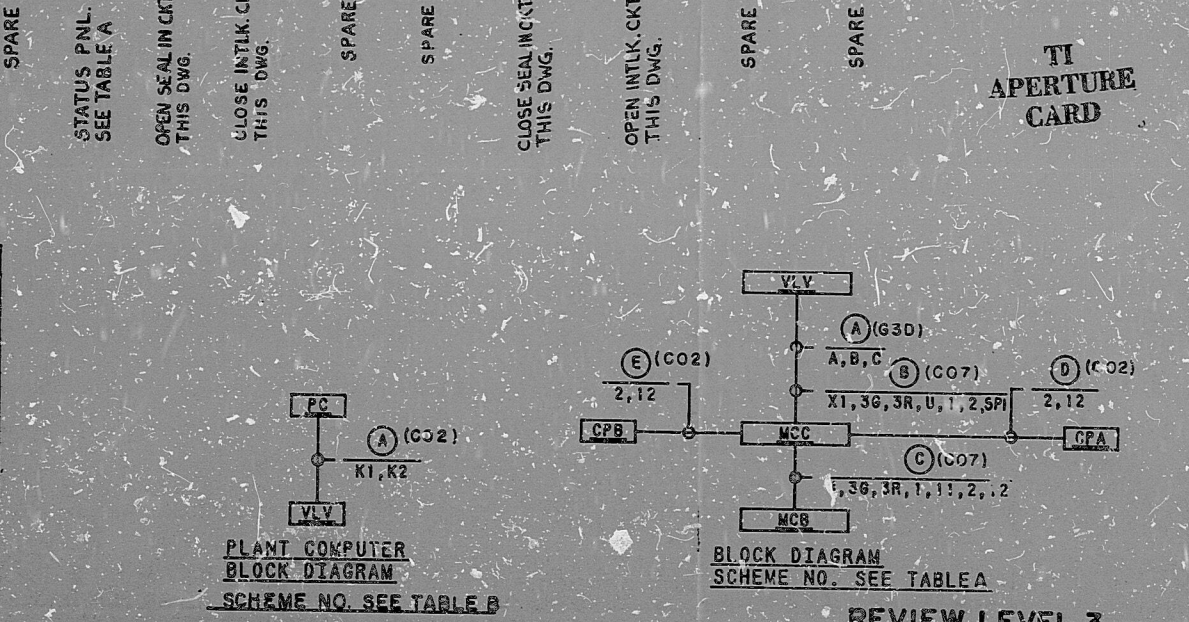


TABLE B

COMPUTER REF. DWG.	JH05-0115	JH06-0115
BECHTEL V.P. NO.		
COMPUTER POINT	EF251	EF252
COMPUTER LOCATION-PC	R31R9A	R3160A
VALVE NO.-VLV	EFHV51	EFHV52
COMPUTER SCHEME NO.	1EFR05A	4EFR05B

TABLE A

LOAD SEQ. RELAY NO.	K4137	K4137
74/b STATUS PANEL DWG	E-035A07	E-035A10
MCCA LOC.-MCCA	NG03CF1	NG04CF1
HIS NUMBER	EFH1551	EFH1552
CONT PNL B LOC.-CPB	NF034C	NF039C
CONT PNL A LOC.-CPA	98029C	98032C
MCC LOCATION-MCC	NG03CF1	NG04CF1
HIS LOCATION-MCB	RL019	RL019
VALVE NO.-VLV	EFHV51	EFHV52
SCHEME NO.	1EFR05A	4EFR05B



REVISIONS

NO.	DATE	REVISION	BY	CHK	DESIGN	YEAR	PROJ
1		REVISED NOTE 4					
2		REVISED NOTE 4					
3		REVISED NOTE 4					
4		REVISED NOTE 4					
5		REVISED NOTE 4					

SCALE: DESIGNED BY BECHTEL  
DRAWN BY CAD  
CHECKED BY  
DATE: 5/2/62

BECHTEL  
GAITHERSBURG, MARYLAND

SNUPPS

SCHEMATIC DIAGRAM  
ESW TO COMPONENT COOLING WATER  
HEAT EXCHANGER ISOLATION VALVES

JOB NO.	BECHTEL DRAWING NO.	REV.
10400	E-03EF05 (Q)	3

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(s) submitted to Micrographics.  
DATE 5/2/62 OPERATOR Mark Lambert SUPERVISOR [Signature]

16X

8410050178

PDR RIDs

