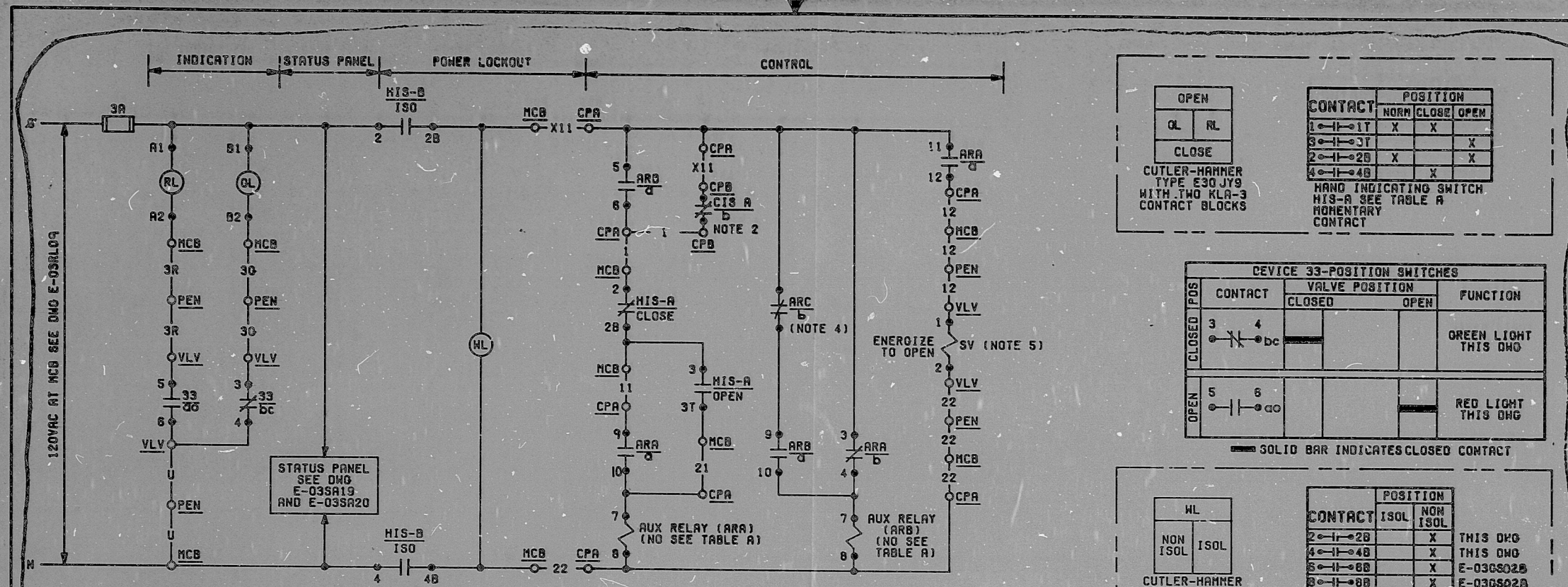


This drawing and the design it covers is the property of the Utilities which are participating in the SNUPPS Project. It is loaned on the borrower's express agreement that it will not be reproduced, copied, loaned, exhibited, or used except in the limited way and private use permitted by written consent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



OPEN		POSITION			
QL	RL	CONTACT	NORM	CLOSE	OPEN
		1-1-1T	X	X	
		3-1-3T			X
		2-1-2B	X		X
		4-1-4B		X	

CUTLER-HAMMER TYPE E30JY9 WITH TWO KLA-3 CONTACT BLOCKS

HAND INDICATING SWITCH HIS-A SEE TABLE A MOMENTARY CONTACT

DEVICE 33-POSITION SWITCHES				
POS	CONTACT	VALVE POSITION	FUNCTION	
CLOSED	3	4		GREEN LIGHT THIS DMO
OPEN	5	6		RED LIGHT THIS DMO

SOLID BAR INDICATES CLOSED CONTACT

HL		POSITION			
NON ISOL	ISOL	CONTACT	ISOL	NORM ISOL	THIS DMO
		2-1-2B		X	THIS DMO
		4-1-4B		X	THIS DMO
		3-1-3B	X		E-030S02B
		5-1-5B	X		E-030S02B

CUTLER-HAMMER TYPE E30DY11 WITH TWO KLA-4 CONTACT BLOCKS

HAND INDICATING SWITCH HIS-B SEE TABLE A MAINTAINED CONTACT

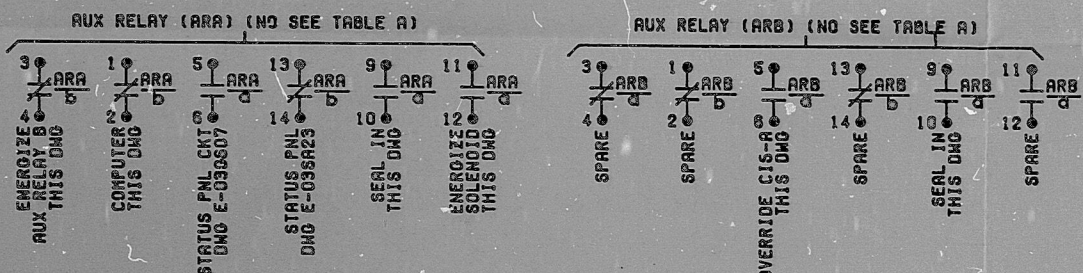
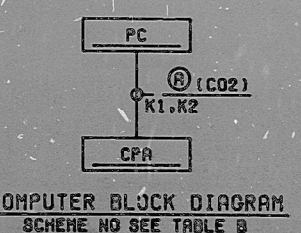


TABLE B

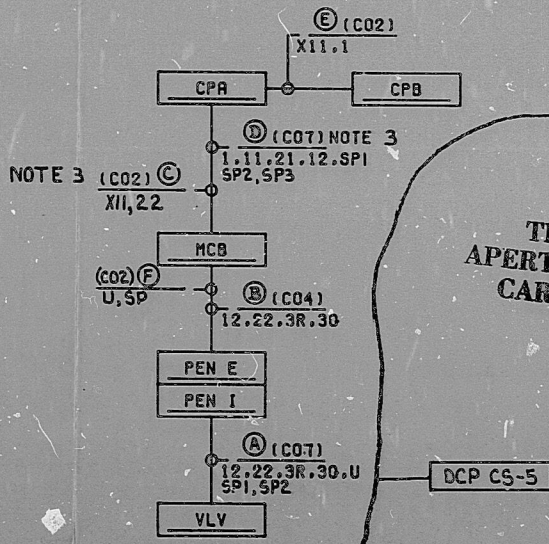
REFER COMPUTER DMO	BECHTEL V.P. NO	J-106-0115	J-106-0115
COMPUTER POINT		08210	0829
AUX RELAY LOC - CPA		RP200	RP210
AUX RELAY (ARA) NO		3X085	3X086
COMPUTER LOCATION - PC		RJ150A	RJ160A
VALVE NO		05HV18	05HV9
COMPUTER SCHEME NO		10801F	40801C

TABLE A

33PS RELAY CONTACT	K829	K829
AUX RELAY (ARC) NO	3X0821	3X0822
AND CONTACT NO	(5-5)	(5-5)
AUX RELAY (ARB) NO	3X0810	3X0820
AUX RELAY (ARA) NO	3X085	3X086
PERMITATION NO - PEN	2HE277	2HE233
CONTROL PANEL - CPA	88029C	88032C
CONTROL PANEL - CFB	RP200	RP210
HIS-A NUMBER	05H1816	05H183
HIS-A & HIS-B LOC - HCB	RL011	RL011
HIS-B NUMBER	05H1842	05H1849
VALVE NO - VLV	05HV18	05HV9
SCHEME NO	10801F	40801C



COMPUTER BLOCK DIAGRAM SCHEME NO SEE TABLE B



BLOCK DIAGRAM SCHEME NO SEE TABLE A

REFERENCE DMOs:
 M-026S01
 J-026S03
 J-026S10

- NOTES:
- SOLENOID COIL IS D.C. OPERATED VIA A VENDOR SUPPLIED RECTIFIER AND ZENER DIODE CIRCUIT. SEE VALCOR DMO BECHTEL V.P. NO. J-603A-0088.
 - CONTACT CLOSING ON CONTAINMENT ISOLATION SIGNAL FOR CONTACT NO'S SEE TABLE A AND DMO E-030S07.
 - CABLE C MUST BE ROUTED SEPARATELY FROM CABLE D.
 - CONTACT OPENS ON CONTAINMENT ISOLATION SIGNAL REFER WESTINGHOUSE DMO BECHTEL V.P. NO M-767-181
 - VALVE FAILS CLOSED

TI APERTURE CARD

REVIEW LEVEL 3

NO.	DATE	REVISIONS	BY	CHK'D	OWNER	FILED
1						

SCALE: UNIFORM

DESIGNED: GLG
 DRAWN: CAD
 CHECKED: [Signature]
 APPROVED: [Signature]

BECHTEL
 OAITHERSBURG, MARYLAND

SNUPPS

SCHEMATIC DIAGRAM
 HYDROGEN MONITORING SUBSYSTEM
 (SOLENOID) CNTD ISOLATION VALVES

UTILITY DRAWING NO.		REV

JOB NO.	BECHTEL DRAWING NO.	REV
10466	E-030801B (1)	2

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: 6/2/82 OPERATOR: [Signature] SUPERVISOR: [Signature]

8410090/25

PDR RIDS

