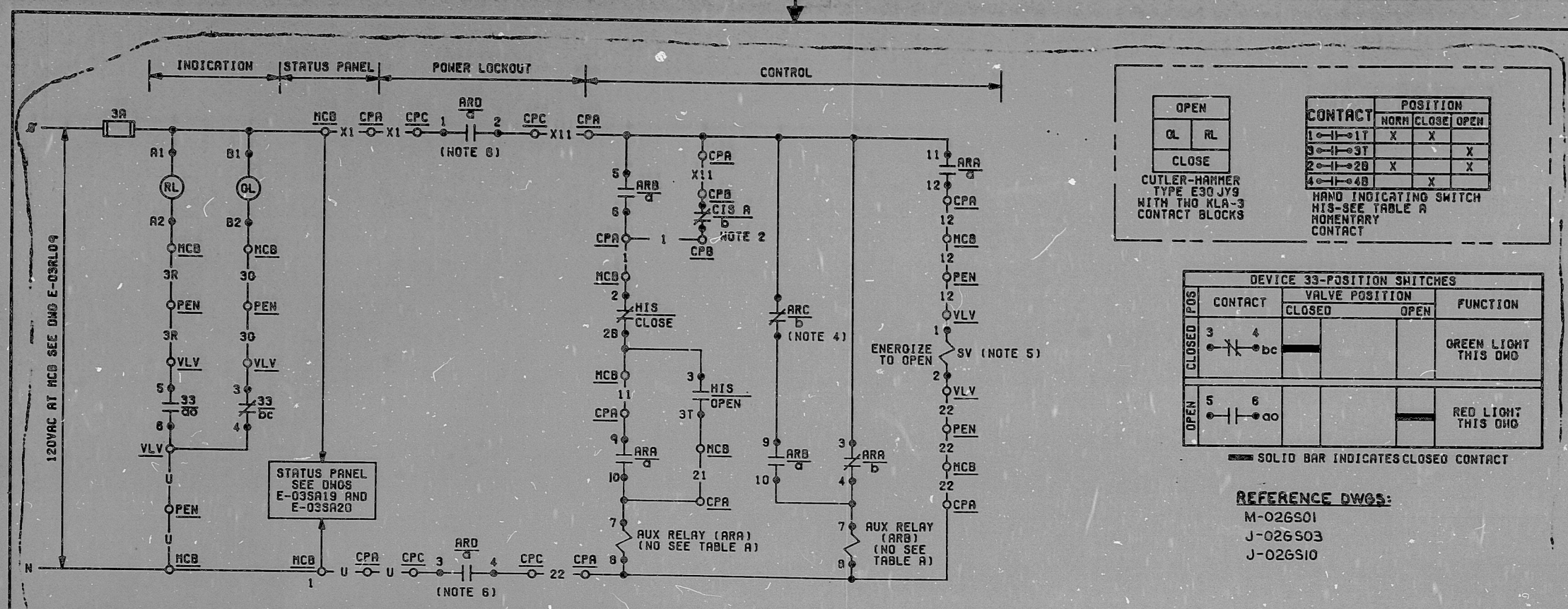


This drawing and the design it covers is the property of the Utilities which are participating in the SNUPPS Project. It is loaned on the borrower's express agreement that it will not be reproduced, copied, loaned, exhibited, or used except in the limited way and private use permitted by written consent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



OPEN	OL	RL
CLOSE	OL	RL

CUTLER-HAMMER TYPE E30 JY9 WITH TWO KLA-3 CONTACT BLOCKS

CONTACT	POSITION	
	NORM	OPEN
1-1-31	X	X
3-1-31	X	X
2-1-2B	X	X
4-1-4B	X	X

HAND INDICATING SWITCH HIS-SEE TABLE A MOMENTARY CONTACT

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

SOLID BAR INDICATES CLOSED CONTACT

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

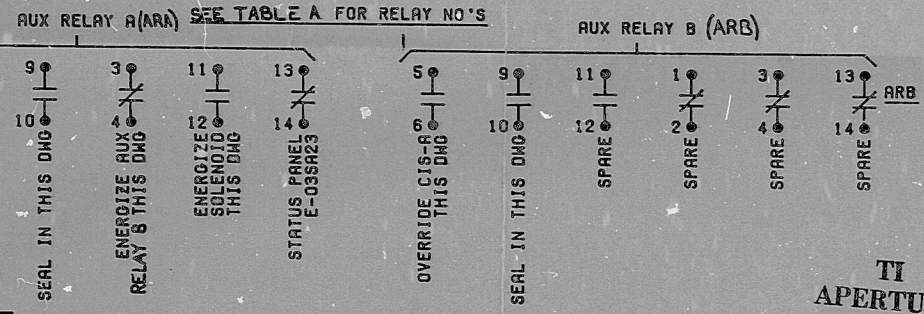
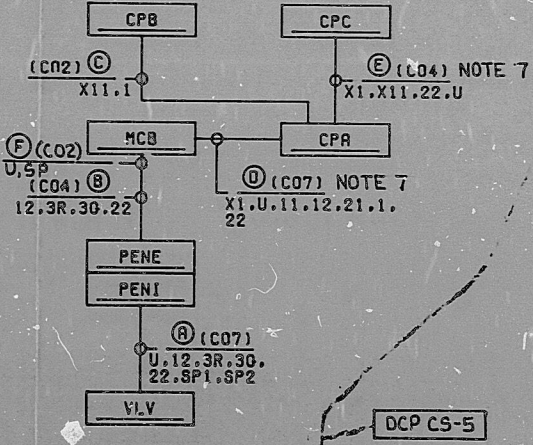
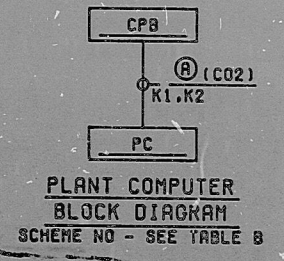


TABLE B

REFER COMPUTER DWG BECHTEL V.P. NO	J-106-0115	J-106-0115	J-106-0115	J-106-0115
COMPUTER POINT	08Z4	08Z5	08Z13	08Z14
AUX RELAY LOC - CFB	RP210	RP210	RP209	RP209
AUX RELAY (A) NO	3X082	3X084	3X081	3X083
COMPUTER LOCATION - PC	RJ180A	RJ180A	RJ159A	RJ159A
VALVE NO	08HV4	08HV6	08HV13	08HV14
COMPUTER SCHEME NO	408R01A	408R01B	108R01D	108R01E

TABLE A

AUX RELAY D LOC - CPC	RP339	RP339	RP332	RP332
AUX RELAY D NO	3X0844	3X0844	3X0843	3X0845
AUX RELAY C NO	3X0822	3X0822	3X0821	3X0821
AND CONT NO	1-2	3-4	1-2	3-4
AUX RELAY B NO	3X0818	3X0818	3X0815	3X0817
AUX RELAY A.B.C LOC-CFA	RP210	RP210	RP209	RP209
AUX RELAY A NO	3X082	3X084	3X081	3X083
PENETRATION - PEN	Z8E233	Z8E233	ZNE277	ZNE277
HIS NUMBER	08H184	08H195	08H183	08H184
HIS LOCATION - MCB	RL011	RL011	RL011	RL011
SSPS RELAY	K823	K825	K822	K828
SSPS CONTACT	15.16	13.14	17.18	15.14
SSPS LOCATION - CFA	88032C	88032C	88029C	88029C
VALVE NO - VLV	08HV4	08HV6	08HV13	08HV14
SCHEME NO	408Y01A	408Y01B	108Y01D	108Y01E



- NOTES:
- VALVE FAILS CLOSED.
 - CONTACT OPENS ON CONTAINMENT ISOLATION SIGNAL, PHASE A FROM WEST. SSPS, SEE BECHTEL V.P. NO. M-767-181.
 - VALVE SHOWN IN FULL CLOSED POSITION.
 - CONTACT CLOSING ON CONTAINMENT ISOLATION SIGNAL PHASE A FROM AUX RELAY C (ARC) AT CABINET CFB-SEE TABLE A & DWO E-030S07.
 - SOLENOID COIL IS D.C. OPERATED VIA A VENDOR SUPPLIED RECTIFIER AND ZENER DIODE CIRCUIT. SEE VALVE DWO BECHTEL V.P. J-603A-0686.
 - CONTACT OPENS WHEN POWER LOCKOUT SWITCH IS IN THE ISOLATE POSITION FOR RELAY NUMBERS. SEE TABLE A FOR HAND SWITCH DEVELOPMENT. SEE DWO E-030S13.
 - CABLE E MUST BE ROUTED SEPARATELY FROM CABLE D.

NO.	DATE	REVISION	BY	CHK'D	DESIGN	SUPV	ENGR	DRW

DESIGNER: GLG
CHECKER: CAD
CHIEF: [Signature]

BECHTEL
DARTHERSBURG, MARYLAND

SNUPPS

SCHEMATIC DIAGRAM
HYDROGEN MONITORING SUBSYSTEM
(SOLENOID) CTHT ISOLATION VALVES

JOB NO.	BECHTEL DRAWING NO.	REV
10466	E-030S01A (Q)	2

UTILITY DRAWING NO. REV

DRAWING APPLICABLE TO UNIT: 1 2 3 4 5 6 7 8

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 6/2/83 OPERATOR [Signature] SUPERVISOR [Signature]

8410090123

PDR RIDS

