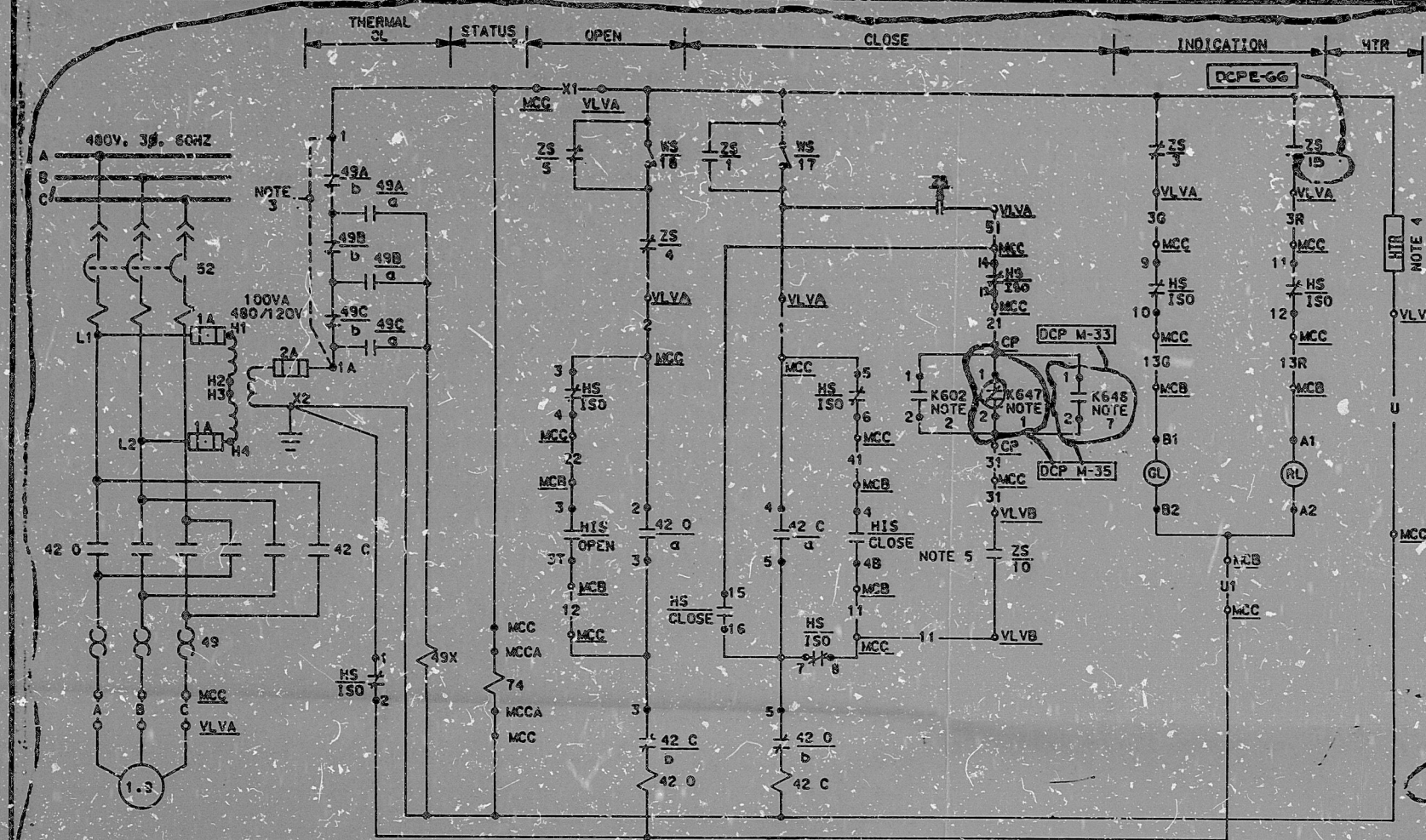


SHUPPC FORMAT
REV. 10/13/81

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OPEN	CONTACT		POSITION	
	GL	RL	NORM	CLOSE
CLOSE	1-1-1-11	X	X	X
	3-1-1-37			X
	2-1-1-28	X	X	X
	4-1-1-40		X	X

CUTLER-HAMMER TYPE E30-10 WITH TRV CLASS CONTACT CLOSURE

MANU INDICATING SWITCH SEE TABLE A MOMENTARY CONTACT

MOTOR	LIMIT SWITCH CONTACT DEVELOPMENT		FUNCTION
	VALVE POSITION	POSITION	
OPEN	1	1	BYPASS CRT
	2	2	SPARE
	3	3	TRD LIGHT
	4	4	OPEN CRT
	5	5	BYPASS CRT
	6	6	SPARE
	7	7	SPARE
	8	8	CLOSE CRT
CLOSED	9	9	SPARE
	10	10	SPARE
	11	11	SPARE
	12	12	SPARE
	13	13	SPARE
	14	14	NOTE 6
	15	15	COMPUTER
	16	16	TRD LIGHT
	17	17	SPARE

17 TORQUE SW OPENS ON HI CLOSING TORQUE
18 TORQUE SW OPENS ON HI OPENING TORQUE
SOLID BAR INDICATES CONTACT CLOSED

REFERENCE DRAWINGS:
M-028C03 DCP M-33

1. K647 CONTACT CLOSURE ON VOLUME CONTROL TANK LOW-LOW LEVEL. FOR DETAILS, SEE WESTINGHOUSE DWG., BECHTEL V.P. NO. M-767-178.
2. SIS CONTACT CLOSURE ON SAFETY INJECTION SIGNAL. FOR DETAILS, SEE WESTINGHOUSE DWG., BECHTEL V.P. NO. M-767-178.
3. JUMPER TO BE INSTALLED PRIOR TO CORE LOADING.
4. HEATER, 40 WATTS, MANUFACTURER TYPE WARD LEONARD P/N 40S OR EQUAL.
5. CONTACT CLOSURE ON REFUELING WATER STORAGE TANK TO CHARGING PUMP MOV OPEN. REFER DWG. NO. E-038N01.
6. TO STATUS PANEL SEE DWG. E-035A05.
7. K648 CONTACT CLOSURE ON BORON DILUTION ACCIDENT TRIP. SEE BECHTEL V.P. NO. M-767-178.

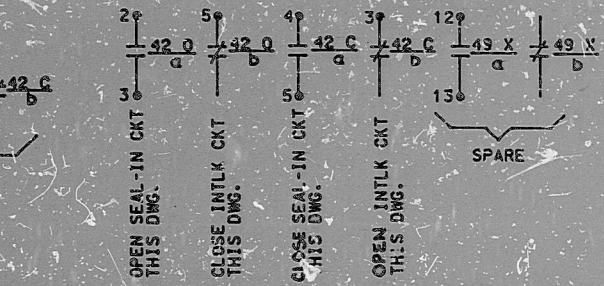
NOTES: DCP M-35

TABLE B

COMPUTER REF. DWG.	J-106-0115
BECHTEL V.P. NO.	
COMPUTER POINT	BG2112C
VALVE NO. - VLVA	BOLCV12C
COMPUTER LOC. - PC	RJT60A
COMPUTER SCHEME NO.	496R12B

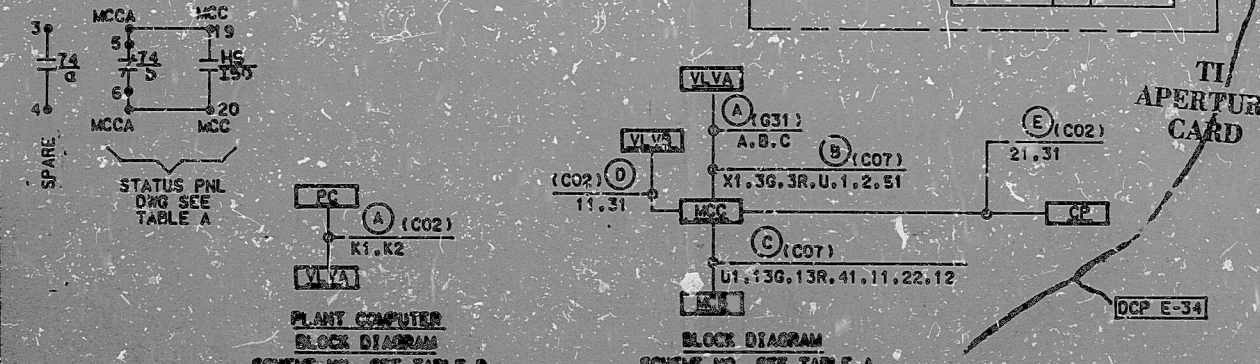
TABLE A

HS NUMBER	BGHS112C
T4/D STATUS PM. DWG.	E-035A09
MCCA LOC. - MCCA	HG02AEF1
CONTROL PNL - CP	S2032C
VALVE NO. - VLVA	BOLCV12C
HS NUMBER	BGHS112C
HS # MCC LOCATION - MCC	HG02AEF2
HS LOCATION - PC	RJ001
VALVE NUMBER - VLVA	BOLCV12C
SCHEME NUMBER	496R12B



CONTACT	POSITION
	NORM ISO/CLOSE
1-1-1-2	X
3-1-1-4	X
5-1-1-6	X
7-1-1-8	X
9-1-1-10	X
11-1-1-12	X
13-1-1-14	X
15-1-1-16	X
17-1-1-18	X
19-1-1-20	X

NOTE: COULD CLASS H33 CAT. NO. H33B01 MAINTAINED CONTACTS



PLANT COMPUTER BLOCK DIAGRAM
SCHEME NO. SEE TABLE B

BLOCK DIAGRAM
SCHEME NO. SEE TABLE A

REVIEW LEVEL 3

REV'D	5/3/81	REV'D K647 CONTACT POS. TO 11-1-18 SPR'S 1-38 ST AND 2-38-ADA	BY	CH	DATE	CHK'D	DATE
NO.	DATE	REV'ING	BY	CHK	DATE	CHK'D	DATE
SCALE ~ DESTROYED GLG DRAWN CAD							
BECHTEL GAITHERSBURG, MARYLAND							
SNUFFS							
SCHEMATIC DIAGRAM VOLUME CONTROL TANK OUTLET ISOLATION VALVE							
				UTILITY DRAWING NO. REV			
				JOB NO. BECHTEL DRAWING NO. REV			
				10466 E-038G12A(Q) 2			
DRAWING APPLICABLE TO UNITS: (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20)							
DGN = [54.4]E038G12A.DGN							

8410040422

PDR RIDS

