

OPEN		CONTACT		POSITION	
RL	RL			NORM	CLOSE
		1-1-01T	X	X	
		3-1-03T			X
		2-1-02B	X		X
		4-1-04B		X	

CUTLER-HAMMER TYPE F30 JY9 WITH TWO KLA3 CONTACT BLOCKS

HAND INDICATING SWITCH HIS-SEE TABLE A MOMENTARY CONTACT

WL		CONTACT		POSITION	
NONISO	ISO			ISO	NONISO
		2-1-02B		X	
		4-1-04B		X	
		6-1-06B		X	
		8-1-08B		X	

CUTLER-HAMMER TYPE E30DY-11 WITH TWO KLA4 CONTACT BLOCKS

ISOLATION SWITCH MAINTAINED CONTACT HIS-SEE TABLE A

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

SOLID BAR INDICATES CONTACT CLOSED

REFERENCE DWGS:
 M-02EG03, J-02EG13A, J-02EG13B

- TO STATUS PNL (AMBER LOGIC) SEE DWG. E-03SA03 SCH. ISAZ03N / ISAZ03P.
- FOR MOTOR HP SEE TABLE A.
- CABLE A TO BE ROUTED SEPARATE FROM CABLE B.
- TO STATUS PNL (WHITE LOGIC) SEE DWG. E-03SA03 SCHEME ISAZ03L / ISAZ03M.
- VALVE IS SHOWN IN FULL CLOSED POSITION.
- HEATER 25 WATTS MANUFACTURER TYPE WARD LEONARD P/N 25F750WL.
- JUMPER TO BE INSTALLED PRIOR TO CORE LOADING.

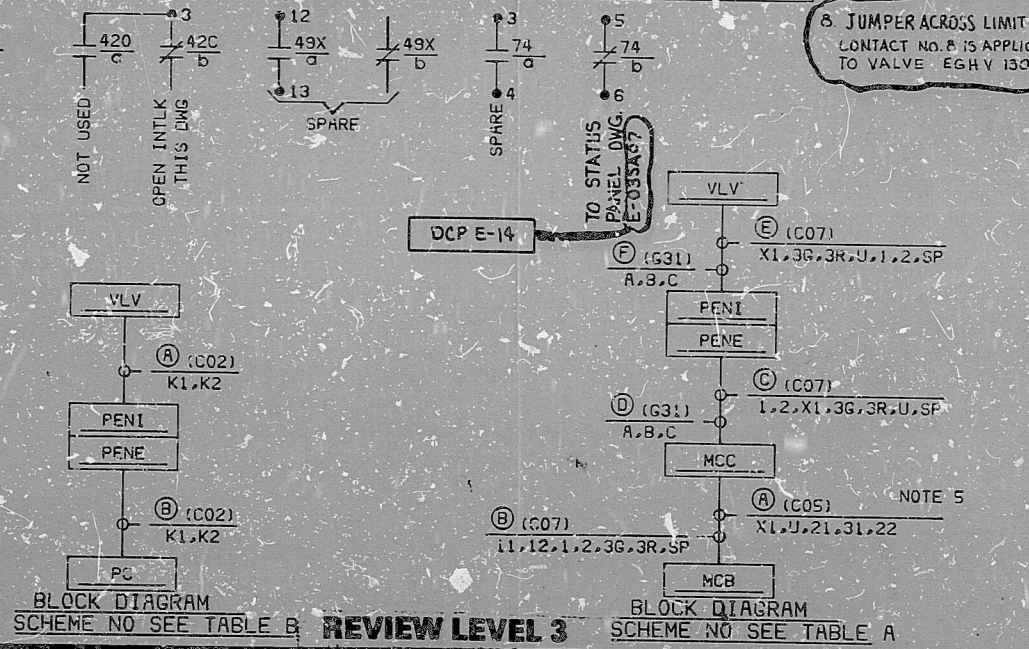
TI APERTURE CARD

TABLE B

COMPUTER REF DWG	J-106-0115	J-106-0115
BECHTEL V.P. NUMBER	ZNE277	ZNE277
PENETRATION - PEN	EGZ130	EGZ132
COMPUTER LOCATION - PC	RJ159A	RJ159A
VALVE NUMBER - VLV	EGHV130	EGHV132
SCHEME NUMBER	1EGR17A	1EGR17B

TABLE A

MOTOR HP	1.6	0.7
74/L STATUS PNL DWG	E-03SA07	E-03S-07
PENETRATION - PEN	ZNE277	ZNE277
MCCA LOCATION - MCCA	NG01BFR1	NG01BFR1
MCC LOCATION - MCC	NG01BHF4	NG01BHF3
HISA NUMBER	EGHIS130A	EGHIS132A
HIS NUMBER	EGHIS130	EGHIS132
HIS & HISA LOC - MCB	RL020	RL020
VALVE NUMBER - VLV	EGHV130	EGHV132
SCHEME NUMBER	1EGG17A	1EGG17B



BLOCK DIAGRAM
 SCHEME NO SEE TABLE B **REVIEW LEVEL 3**

BLOCK DIAGRAM
 SCHEME NO SEE TABLE A

NO.	DATE	REVISIONS	BY	CHK	SEAL	EDW	PRG
1		REV'D DWG. NO. FOR THIS CONTACT TO MCB DCP					
2		REVISED LIMIT SWITCH FUNCTION					
3		ADDED NOTE 5 TO INC. SFR 1-CG-20, REV'D					
4		HISA NO. ON TABLE A					
5		ISSUED FOR CONSTRUCTION					

BECHTEL
 GAITHERSBURG, MARYLAND

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SCHEMATIC DIAGRAM
 COMPONENT COOLING WATER
 CONTAINMENT ISOLATION VALVES

UTILITY DRAWING NO.	1
NO. PAGES	10498
BECHTEL DRAWING NO.	E-03EG17 (Q)

DRAWING APPLICABLE TO UNITS: 1 2 3 4 5 17 18

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PDR RIDS

