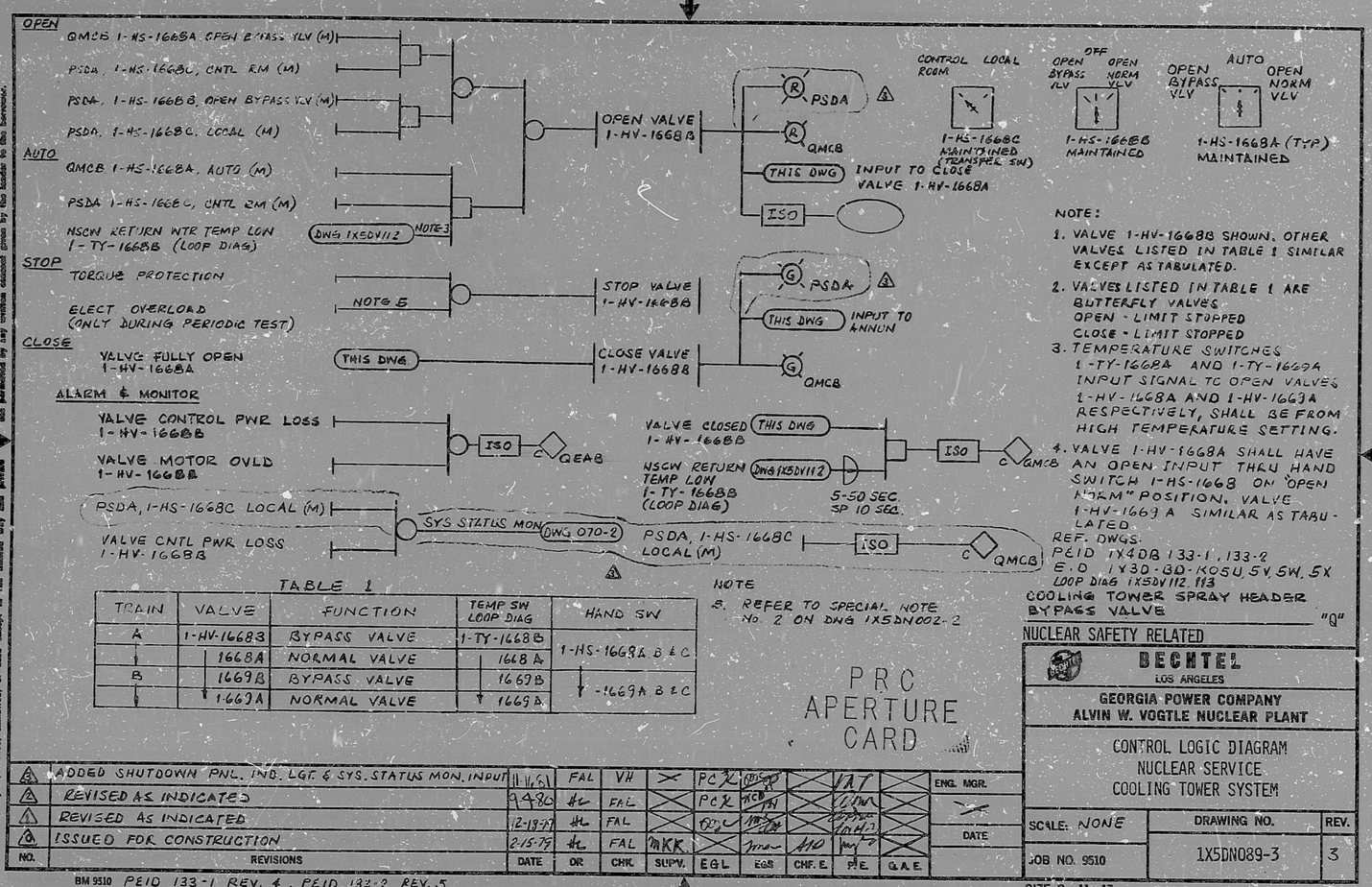

NOTE:

1. VALVE 1-HV-1668B SHOWN. OTHER VALVES LISTED IN TABLE 1 SIMILAR EXCEPT AS TABULATED.
2. VALVES LISTED IN TABLE 1 ARE BUTTERFLY VALVES
   OPEN - LIMIT STOPPED
   CLOSE - LIMIT STOPPED
3. TEMPERATURE SWITCHES 1-TY-1668A AND 1-TY-1669A INPUT SIGNAL TO OPEN VALVES 1-HV-1668A AND 1-HV-1669A RESPECTIVELY, SHALL BE FROM HIGH TEMPERATURE SETTING.
4. VALVE 1-HV-1668A SHALL HAVE AN OPEN INPUT THRU HAND SWITCH 1-HS-1668 ON "OPEN NORM" POSITION. VALVE 1-HV-1669A SIMILAR AS TABULATED.

REF. DWGS.
P&ID 1X4DB 133-1, 133-2
E.D 1Y3D-BD-K05U, 5V, 5W, 5X
LOOP DIAG 1X5DV112, 113
COOLING TOWER SPRAY HEADER BYPASS VALVE "Q"

NUCLEAR SAFETY RELATED

TABLE 1

TRAIN	VALVE	FUNCTION	TEMP SW LOOP DIAG	HAND SW
A	1-HV-1668B	BYPASS VALVE	1-TY-1668B	1-HS-1668A B & C
	1668A	NORMAL VALVE	1668A	
B	1669B	BYPASS VALVE	1669B	1-1669A B & C
	1669A	NORMAL VALVE	1669B	

NOTE
8. REFER TO SPECIAL NOTE No. 2 ON DWG 1X5DN002-2

PRC APERTURE CARD

NO.	REVISIONS	DATE	DR	CHK.	SUPV.	EGL	EQS	CHF. E.	P.E.	G.A.E.
4	ADDED SHUTDOWN PNL. IND. LGT. & SYS. STATUS MON. INPUT	11-16-81	FAL	VH	X	PCR				ENG. MGR.
3	REVISED AS INDICATED	9-4-80	HL	FAL	X	PCR				
2	REVISED AS INDICATED	12-13-77	HL	FAL	X					DATE
1	ISSUED FOR CONSTRUCTION	2-15-77	HL	FAL	MKK	X				

BM 9510 P&ID 133-1 REV. 4, P&ID 133-2 REV. 5

BECHTEL
LOS ANGELES

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

CONTROL LOGIC DIAGRAM
NUCLEAR SERVICE
COOLING TOWER SYSTEM

SCALE: NONE	DRAWING NO.	REV.
JOB NO. 9510	1X5DN089-3	3

SIZE B 11 x 17

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DATE: 11-17-81 CAMERA OPERATOR SECTION SUPERVISOR

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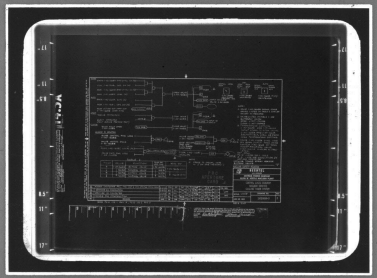

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