

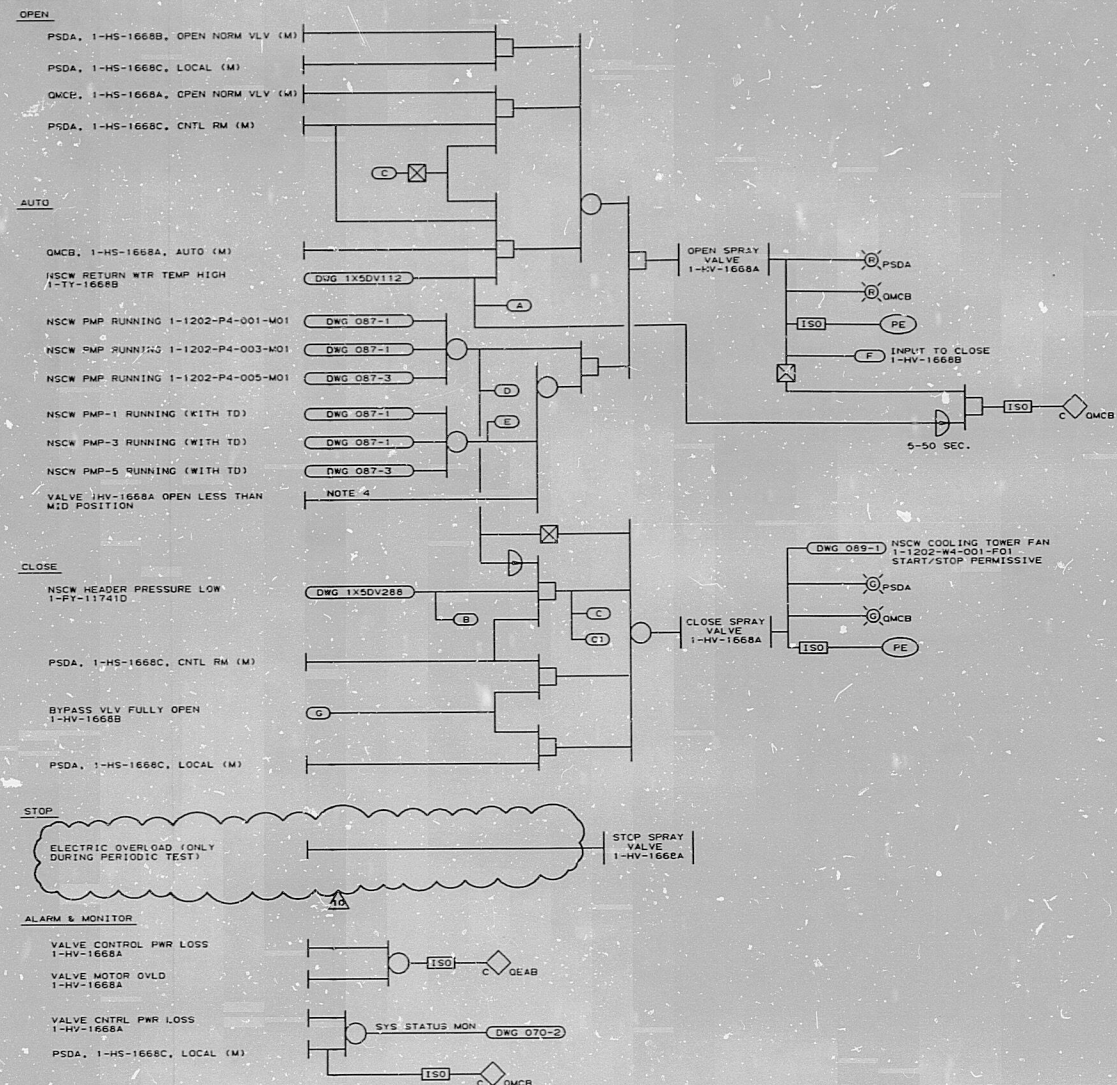


TABLE 1

LOOPS	TRAIN	VALVE	VALVE FUNCTION	PRESS SW LOOP DIAG	TEMP SW LOOP DIAG	HAND SW	NSCW COOLING TOWER FAN START PERMISSIVE
1X5DV112	A	1-HV-1668A	SPRAY	1-PY-11741D	1-TY-1668B	1-HS-1668A, B & C	1-1202-W4-001-F01
1X5DV288	B	1-HV-1668A	SPRAY	1-PY-11742D	1-TY-1669B	1-HS-1668A, B & C	1-1202-W4-002-F01

- NOTES:**
1. VALVE 1-HV-1668A 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. REFER TO SPECIAL NOTE NO. 2 ON DWG 1X5DN002-2.
 4. VALVE MID POSITION ANGLE IS:
10° FOR 1HV-1668A
7.5° FOR 1HV-1668A

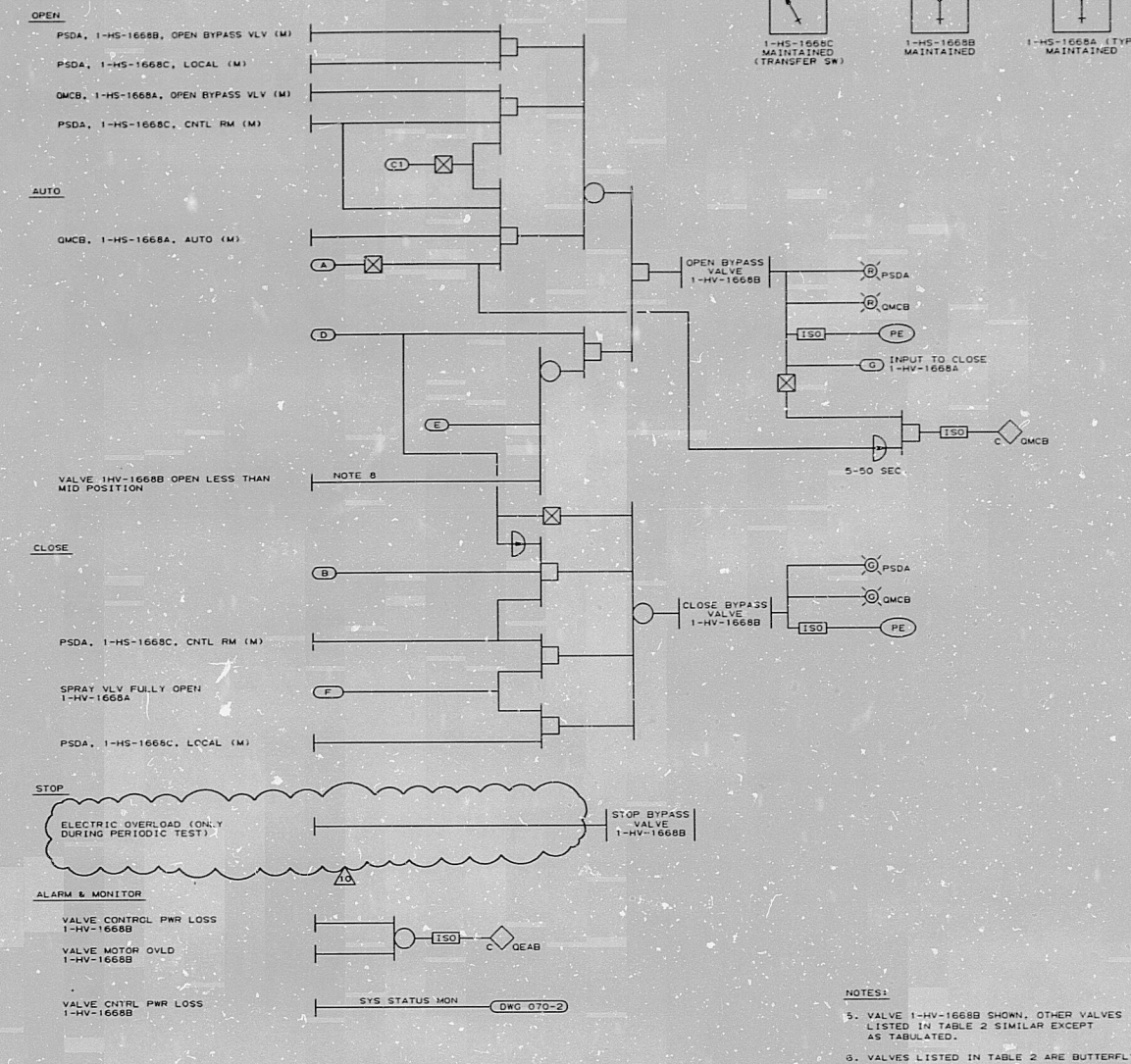


TABLE 2

LOOPS	TRAIN	VALVE	VALVE FUNCTION	PRESS SW LOOP DIAG	TEMP SW LOOP DIAG	HAND SW
1X5DV112	A	1-HV-1668B	BYPASS	1-PY-11741D	1-TY-1668B	1-HS-1668A, B & C
1X5DV288	B	1-HV-1668B	BYPASS	1-PY-11742D	1-TY-1669B	1-HS-1668A, B & C

- NOTES:**
5. VALVE 1-HV-1668B SHOWN, OTHER VALVES LISTED IN TABLE 2 SIMILAR EXCEPT AS TABULATED.
 6. VALVES LISTED IN TABLE 2 ARE BUTTERFLY VALVES.
OPEN - LIMIT STOPPED
CLOSE - LIMIT STOPPED
 7. REFER TO SPECIAL NOTE NO. 2 ON DWG 1X5DN002-2.
 8. VALVE MID POSITION ANGLE IS:
12.5° FOR 1HV-1668B
12.5° FOR 1HV-1668B

- REFERENCES:**
- P & I D 1X4DB133-1, 133-8
- E.D. 1X3D-BD-K05U, 1X3D-BD-K05V, 1X3D-BD-K05W, 1X3D-BD-K05X, 1X3D-BD-K05A & 1X3D-BD-K05E
- LOOP DIAG. 1X5DV112, 113
- LOCATION 1X4DE328, 329

APERTURE CARD

COOLING TOWER SPRAY HEADER VALVES
NUCLEAR SAFETY RELATED

SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

CONTROL LOGIC DIAGRAM
NUCLEAR SERVICE
COOLING TOWER SYSTEM

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ISSUED FOR CONSTRUCTION	DAIE	DR	CHK	APPV	DTL	JOB NO. 10604	1X5DN089-3	10

CAD NAME 100N0893

PDR RIDS

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SENSITIVE DATA

