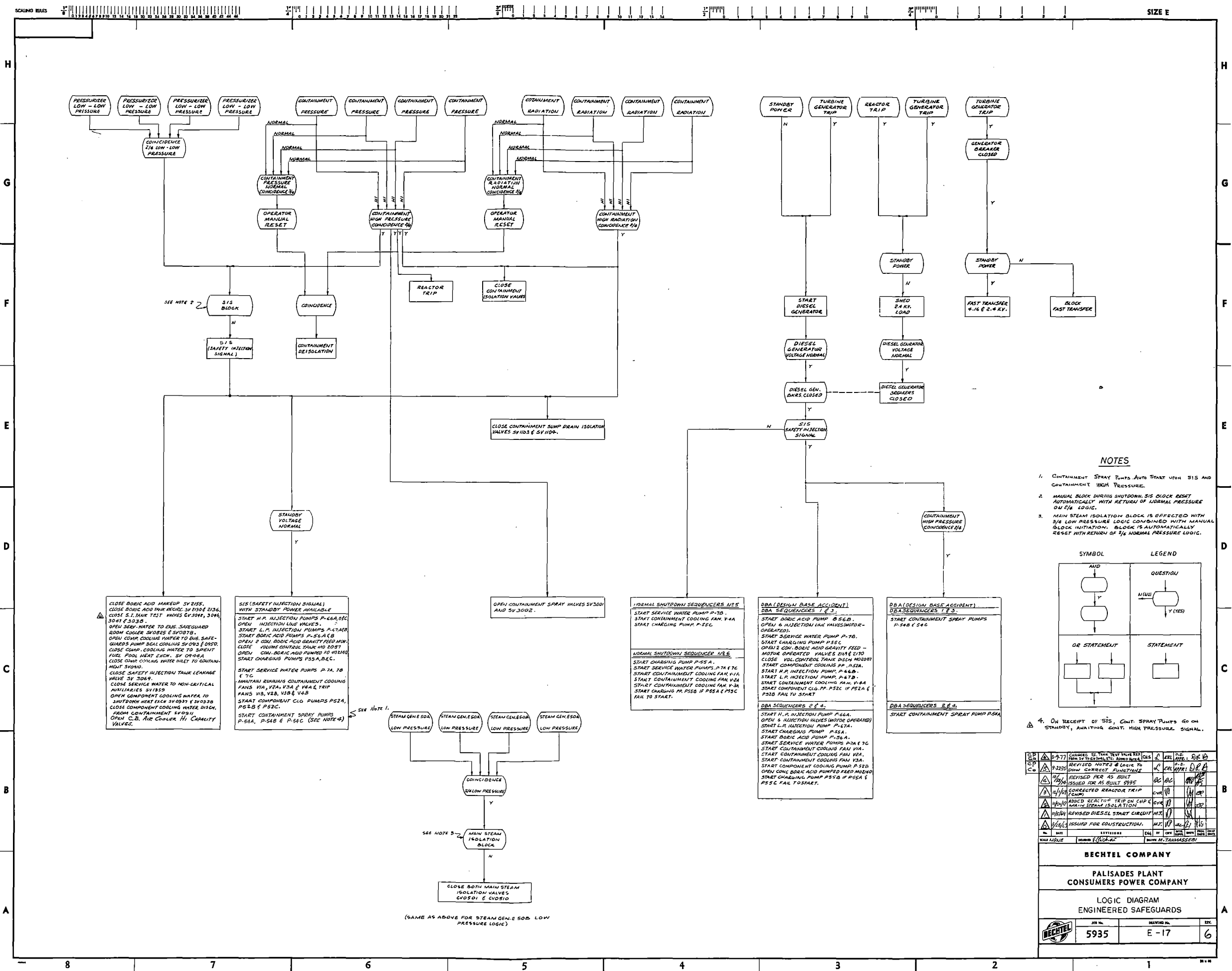
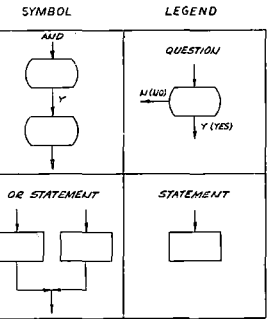




NOTES

1. CONTAINMENT SPRAY PUMPS AUTO START UPON SIS AND CONTAINMENT HIGH PRESSURE.
2. MANUAL BLOCK DURING SHUTDOWN. SIS CLOSURE RESET AUTOMATICALLY WITH RETURN OF NORMAL PRESSURE ON C/A LOGIC.
3. MAIN STEAM ISOLATION BLOCK IS EFFECTED WITH 3/4 LOW PRESSURE LOGIC COMBINED WITH MANUAL BLOCK INITIATION. BLOCK IS AUTOMATICALLY RESET WITH RETURN OF 3/4 NORMAL PRESSURE LOGIC.



4. ON RECEIPT OF SIS, CONT. SPRAY PUMPS GO ON STANDBY, AWAITING CONT. HIGH PRESSURE SIGNAL.

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
1	10/1/77	CHANGED SI TEST VALVE	CS	EL	RE
2	10/1/77	REVISED NOTES & LOGIC TO SHOW CORRECT FUNCTIONING	CS	EL	RE
3	10/1/77	REVISED FOR AS BUILT	CS	EL	RE
4	10/1/77	ISSUED FOR CONSTRUCTION	CS	EL	RE
5	10/1/77	ISSUED FOR CONSTRUCTION	CS	EL	RE

BECHTEL COMPANY

PALISADES PLANT
CONSUMERS POWER COMPANY

LOGIC DIAGRAM
ENGINEERED SAFEGUARDS

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
1	10/1/77	CHANGED SI TEST VALVE	CS	EL	RE
2	10/1/77	REVISED NOTES & LOGIC TO SHOW CORRECT FUNCTIONING	CS	EL	RE
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5	10/1/77	ISSUED FOR CONSTRUCTION	CS	EL	RE



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