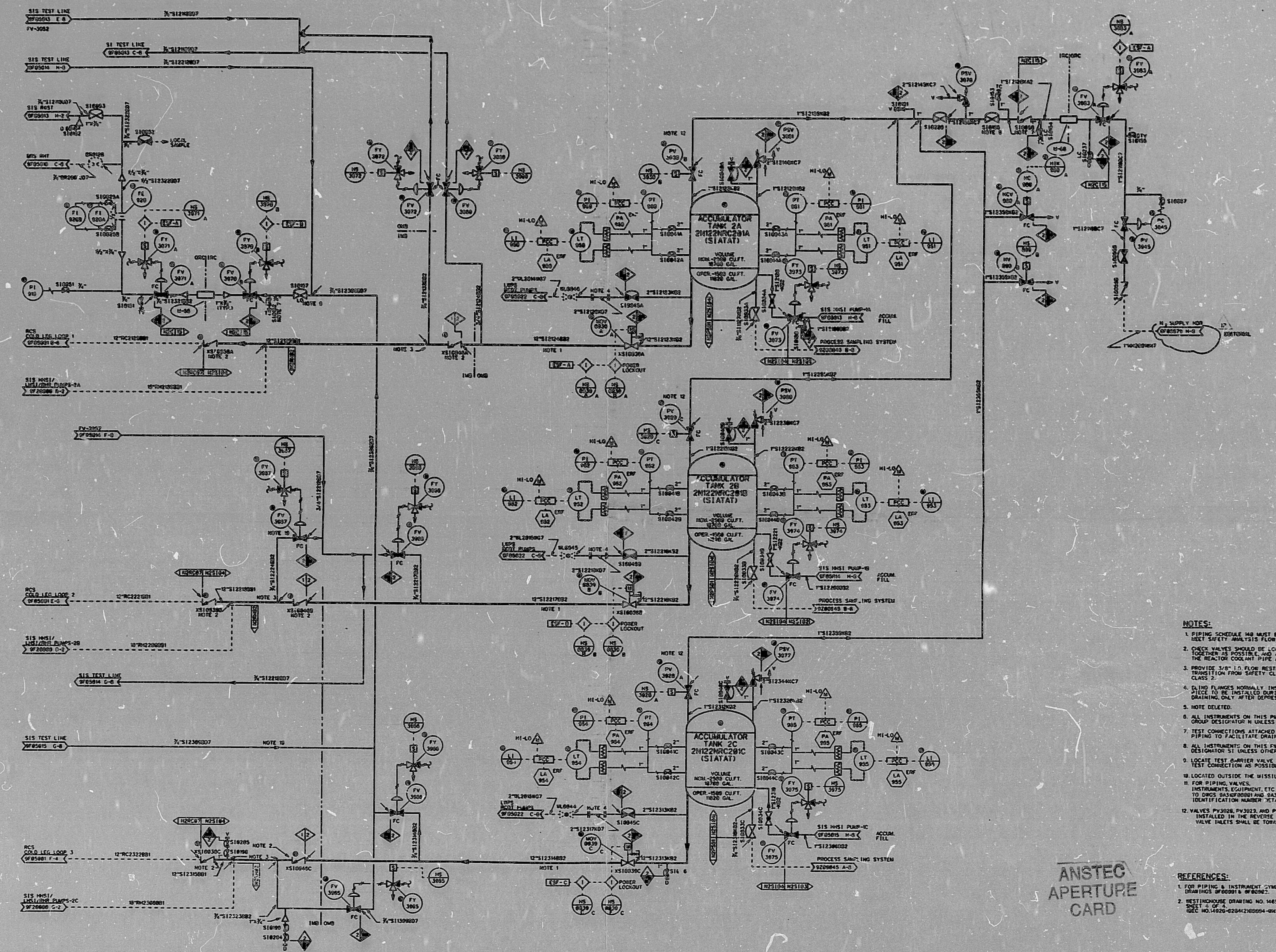

NOTES:

1. PIPING SCHEDULE 140 MUST BE USED TO MEET SAFETY ANALYSIS FLOW REQUIREMENTS.
2. CHECK VALVES SHOULD BE LOCATED AS CLOSE TOGETHER AS POSSIBLE, AND AS CLOSE TO THE REACTOR COOLANT PIPE AS POSSIBLE.
3. PROVIDE 3/8" I.D. FLOW RESTRICTOR FOR TRANSITION FROM SAFETY CLASS 1 TO SAFETY CLASS 2.
4. BLIND FLANGES NORMALLY INSTALLED. SPOOL PIECE TO BE INSTALLED DURING ACCUMULATOR DRAINING, ONLY AFTER DEPRESSURIZATION.
5. NOTE DELETED.
6. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP DESIGNATOR N UNLESS OTHERWISE NOTED.
7. TEST CONNECTIONS ATTACHED TO BOTTOM OF PIPING TO FACILITATE DRAINING OF LINES.
8. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR SI UNLESS OTHERWISE NOTED.
9. LOCATE TEST BARRIER VALVE AS CLOSE TO TEST CONNECTION AS POSSIBLE.
10. LOCATED OUTSIDE THE MISSILE BARRIER.
11. FOR PIPING, VALVES, INSTRUMENTS, EQUIPMENT, ETC REFER TO DWGS 9A310F00001 AND 9A310F00002 FOR IDENTIFICATION NUMBER DETAILS.
12. VALVES PV3928, PV3923, AND PV3930 ARE TO BE INSTALLED IN THE REVERSE DIRECTION, I.E. THE VALVE INLETS SHALL BE TOWARDS THE ACCUMULATOR

REFERENCES:

1. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 0F00001 & 0F00002.
2. WESTINGHOUSE DRAWING NO. 1465E60 SHEET 4 OF 4. (GEC NO.14926-0284(2)00004-0NN).

ANSTEC APERTURE CARD

NO.	ISSUE DATE	REVISION	BY	CKR	RE	DV	MA	SE	PE
12	[illegible]	REVISED CONTINUATION NO. (EDITORIAL)	LDD						
11	6-24-93	INCORP DCN MD-2774	SIGNATURES ON FILE						
10	6-14-91	HL&P ASSUMES DESIGN CHANGE CONTROL & INC. DCN MD-1986	SIGNATURES ON FILE						
0-9	02/24/83	ISSUED FOR CONSTRUCTION	SIGNATURES ON FILE						

HOUSTON LIGHTING & POWER COMPANY

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

PIPING AND INSTRUMENTATION DIAGRAM
SAFETY INJECTION SYSTEM

SCALE	DWG. NO.	REV.
NONE	5N129F05016 #2	12

5N129F05016#2 09/22/1997 12

PRIORITY 1 DC NO. D078928 FJA560.121

I certify that the image contained on this frame was made in the normal and regular course of business on the date stated below and that it is an accurate reproduction of the document submitted to micrographics. DATE 3-22-95 SUPERVISOR [signature] OPERATOR [signature]

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