



- NOTES:**
1. PIPING SCHEDULE HS MUST BE USED TO MEET SAFETY ANALYSIS FOR REQUIREMENTS.
  2. CHECK VALVES SHOULD BE LOCATED AS CLOSE TO THE REACTOR COOLANT PIPE AS FEASIBLE.
  3. PROVIDE 3/8" I.D. FLOW RESTRICTOR FOR TRANSITION FROM SAFETY CLASS 2 TO SAFETY CLASS 1.
  4. IF TWO CHECK VALVES NORMALLY INSTALLED SHOULD BE TO BE INSTALLED OUTSIDE ACCUMULATOR DRAINING ONLY AFTER DEPRESSURIZATION.
  5. NOTE DELETED.
  6. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP DESIGNATION 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 DESIGNATION UNLESS OTHERWISE NOTED.
  9. LOCATE TEST BARRIER VALVE AS CLOSE TO TEST CONNECTION AS POSSIBLE.
  10. LOCATED OUTSIDE THE MISSILE BARRIER.
  11. REFER TO DWS BASIN/WHIRL AND BASIN/WHIRL FOR IDENTIFICATION NUMBER DETAILS.
  12. VALVES PV3028, PV3029, AND PV3030 ARE TO BE INSTALLED IN THE REVERSE DIRECTION & THE VALVE INLETS SHALL BE TOWARDS THE ACCUMULATOR.

**REFERENCES:**

1. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS OF DWS & BOP/WHIRL.
2. INSTRUMENTS DRAWING NO. 126717 SHEET 2 OF 2. SEC. NO. WER-026440000-000.

ANSTEC APERTURE CARD

NO.	ISSUE DATE	REVISION	BY	CHK	REV	DV	NA	SE	PC	NO.	ISSUE DATE	REVISION	BY	CHK	REV	DV	NA	SE	PC	NO.	ISSUE DATE	REVISION	BY	CHK	REV	DV	NA	SE	PC	SIGNATURES ON FILE					
																														DATE	DATE				
11	5-24-95	REVISED CONTINUATION (NO EDITORIAL)																																	
10	5-24-95	INSTRUMENTS ON FILE																																	
9	5-14-95	RESPONSE'S DESIGN CHANGE CONTROL & INC. DCN NO-1998																																	
8	8/27/93	ISSUED FOR CONSTRUCTION																																	

**HOUSTON LIGHTING & POWER COMPANY**  
SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

PIPING AND INSTRUMENT DIAGRAM SAFETY INJECTION SYSTEM	
SCALE	DATE
NONE	09/22/1997

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