



- NOTES (CONTINUED)**
1. ALL INSTRUMENT ROOT VALVES NOT LABELED WILL BE 3/4" GLOBE VALVES UNLESS SPECIFICALLY NOTED OTHERWISE.
2. PIPING VALVES AND ASSOCIATED COMPONENTS ON THIS DWG. SHALL BE CLASSIFIED AS FOLLOWS EXCEPT AS STATED IN NOTES 12-15: (BREAK POINTS ARE INDICATED ON FLOW DIAGRAM)
3. PIPING AND VALVES OUT THROUGH OUTERMOST REACTOR ISOLATION VALVES
4. INSTRUMENTATION AIR LINES AND LEAK-OFF PIPING INSIDE CONTAINMENT ISOLATION VALVE:
5. INSTRUMENTATION AIR LINES AND LEAK-OFF PIPING OUTSIDE CONTAINMENT ISOLATION VALVE:
6. ALL PIPING SYSTEMS IDENTIFIED BY THE PREFIX "PI" SHALL BE SUPPLIED AND INSTALLED BY CONTRACT # 220
7. (DELETED)
8. ALLOW ADEQUATE PIPING SURFACE AREA FOR COOLING OF PUMP LPCS-P-2.
9. EXCESS FLOW CHECK VALVES SHALL BE TAGGED AS FOLLOWS
10. CONTAINMENT INSTRUMENTATION ROOT VALVES SHALL BE TAGGED AS FOLLOWS:
11. CONTAINMENT RESTRICTION ORIFICES SHALL BE TAGGED AS FOLLOWS:
12. PIPING VALVES AND ASSOCIATED COMPONENTS ON THIS DWG. SHALL BE CLASSIFIED AS FOLLOWS (BREAK POINTS ARE INDICATED ON THIS DIAGRAM)
13. ALL PIPING DOWNSTREAM OF THE LAST ISOLATION VALVE AND OPEN TO THE ATMOSPHERE WITH THE SUBSYSTEM DESIGNATION "SYSTEM" (50)THRU(59) SHALL BE CLASSIFIED AS CODE GROUP D WITH QUALITY CLASS 5 & SEISMIC CATEGORY PROVIDED BY THE APPLICABLE NOTES ON THIS DRAWING.
- (CONTINUED ZONE K-4)
- LEGEND**
1. ALL VALVES SUFFIXED WITH A (V) EQUAL A 3/4" VENT VALVE.
2. ALL VALVES SUFFIXED WITH A (D) EQUAL A 3/4" DRAIN VALVE.

DESIGN CONTROL FOR START-UP SYSTEM(S)

8.7 TRANSFERRED TO WPPSS. ALL FUTURE CHANGES TO THIS (THESE) SYSTEM(S) SHALL BE INITIATED AND APPROVED BY THE SUPPLY SYSTEM. ALL REVISIONS TO THIS DRAWING REQUIRE APPROVAL OF THE SUPPLY SYSTEM.

**PRC APERTURE CARD**

**FSAR FIG. NO. 3.2-7**

**BURNS AND ROE, INC.**  
ENGINEERS AND ARCHITECTS  
ORADELL, N.J. HEMPSTEAD, N.Y. LOS ANGELES, CALIF.

**FLOW DIAGRAM**  
**HPCS AND LPCS SYSTEMS**  
**REACTOR BUILDING**

**WASHINGTON PUBLIC POWER SUPPLY SYSTEM**  
HANFORD NO. 2

REVISION	DATE	BY	CHKD	APPROVED	REVISION	DATE	BY	CHKD	APPROVED
36	10/1/72	DR	DR	DR	37	10/1/72	DR	DR	DR
37	10/1/72	DR	DR	DR	38	10/1/72	DR	DR	DR
38	10/1/72	DR	DR	DR	39	10/1/72	DR	DR	DR

**W. O. 2808**  
**DWG. M520**

REVISION	DATE	BY	CHKD	APPROVED	REVISION	DATE	BY	CHKD	APPROVED
36	10/1/72	DR	DR	DR	37	10/1/72	DR	DR	DR
37	10/1/72	DR	DR	DR	38	10/1/72	DR	DR	DR
38	10/1/72	DR	DR	DR	39	10/1/72	DR	DR	DR