



- REF:
1. GS PWS. E-4570-210-150 & E-4570-210-151
- NOTES:
1. RING JOINT ORIFICE ASSEMBLY SUPPLIED BY C. E. FLANGED SUPPLIED BY BENTON.
2. SEISMIC BOUNDARY FLANGES ARE NOT SHOWN ON VENT AND DRAIN CONNECTIONS. ON VENT & DRAIN CONNECTIONS FROM SEISMIC CATEGORY I PIPING & COMPONENTS, THE SEISMIC BOUNDARY EXTENDS TO THE FIRST PIPE CLASS BREAK SHOWN ON THESE CONNECTIONS.
3. SOLENOID ACTUATORS FOR AIR OPERATED VALVES ARE SHOWN IN THEIR SHUT OFF POSITION & ARE PINPOINT AS NORMALLY ENERGIZED (A/E) OR NORMALLY DE-ENERGIZED (D/E). ALL OTHER VALVES ARE SHOWN IN THEIR NORMAL PROCESS POSITION.
4. VALVES ON THE H₂ SUPPLY LINES SHOULD BE ZERO LEAKAGE, WAXLESS TYPE, GLOBE VALVES.
5. DELETED
6. BUTTWELDED SPENT RESIN LINE CONNECTIONS & USE LONG RADIUS PIPE FITTINGS OR BEND PIPE TO SHUT. LINES TO BE BUTTWELDED ARE 2HCB-50 & 2HCB-4.
7. DELETED
8. THE PURPOSE OF 2P3-2498 & 2P3-15 IS TO PROVIDE INDICATION OF ANY ACCUMULATION OF WATER IN THE SCV. THESE FLOW GLASSES & THE DRAIN CONNECTIONS ON THE CARBON STEEL PART OF THE VENT LINES SHOULD BE LOCATED AS CLOSE AS POSSIBLE TO THE VENT VALVES ON THE UP STREAM SIDE OF THE GLASSES.
9. TEMPORARY DAMPERS-2M-18 & 19A,B,C, REPLACED WITH PERMANENT DAMPERS-2M15 16A,B,C.
10. BLANK INSTALLS/2 MAY BE REMOVED WITH THE APPROVAL OF SHIP SUPERVISOR.
11. SPOOL PIECES ARE NOT TO BE PERMANENTLY REMOVED.
12. COMPUTER INPUT SIGNAL IS COMMON TO SPDS AND PLANT COMPUTER WITH IDENTICAL POINT ID.
13. ABANDONED IN PLACE.
14. VALVES 2ZCV-234, 236, AND 237 HAVE BEEN CHANGED TO INDICATE THAT THESE VALVES ARE THROTTLE VALVES. OPERATIONS WILL MAINTAIN THESE THREE VALVES IN A NORMALLY OPEN VALVE POSITION. HOWEVER, OPERATIONS MAY THROTTLE THESE VALVES BACK TO A CLOSED VALVE CONFIGURATION POSITION TO SUIT OPERATIONAL NEEDS AS AND WHEN NEEDED.

LINE COLOR	SYSTEM/AMR REPORT
[Color]	REACTOR COOLANT / 82-R-2005-01
[Color]	CHEMISTRY CORE COOLING / 82-R-2005-02
[Color]	CONTAINMENT SPRAY SYSTEM / 82-R-2005-03
[Color]	CHEMICAL AND VOLUME CONTROL / 82-R-2005-18
[Color]	LICENSE REMOVAL BOUNDARY

ARKANSAS NUCLEAR ONE
UNIT 2
RUSSELLVILLE, ARKANSAS

PIPING & INSTRUMENT DIAGRAM
CHEMICAL & VOLUME CONTROL
SYSTEM

INSTRUMENT NUMBERS & ISOLATION VALVE NUMBERS
FOR: 2P36A (A/E) (4573)
2P36C (A/E) (4585)

FOR MANUAL VALVES USE FOLLOWING SUFFIX
FOR: 2P36B (B)
2P36C (C)

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