



VALVE IDENTIFICATION	MARK NO	PIPE SIZE	QUANTITY
V178, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84	V5150-A-2	1/2"	18
V107, 108, 109, V110	VCW150-X-2	2 1/2"	4
V112	VCW150-X-2	2 1/2"	1
V153, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172	V5150-A-2	3"	16
V912	V05060-W-4	2"	1

- NOTES:
1. THE CONTROL EQUIPMENT MARK NUMBERS SHALL INCLUDE A PREFIX WHICH IS IDENTICAL TO THE SYSTEM CODE PREFIX FOR THE ASSOCIATED EQUIPMENT OR PIPE LINE UNLESS OTHERWISE NOTED. EXAMPLE: 2CHS-TE41.
 2. PRESSURIZER LOW LEVEL SIGNAL CLOSURES THESE VALVES.
 3. 3/4" FLOW RESTRICTOR REQUIRED PER 2BVS-539.
 4. WESTINGHOUSE VALVE NO. SYS. - 1/4" T78 VALVE SIZE & VALVE TYPE (SPECIFIED IN VALVE REF. GUIDE).
 - 5.
 - 6.
 7. ALL VALVES & INSTRUMENTS SUPPLIED BY WESTINGHOUSE UNLESS OTHERWISE NOTED.
 8. WESTINGHOUSE CONTROL EQUIPMENT IDENTIFICATION NUMBERS ARE SHOWN IN SQUARES ADJACENT TO BALLOONED MARK NUMBERS WHERE THESE ARE DIFFERENT.
 9. FAILS WITH FLOW TO VCT.
 10. THIS SYSTEM SHALL BE MAINTAINED TO A CLEANNESS LEVEL 'B' IN ACCORDANCE WITH 2BVM-62.
 11. ALL CL1 PIPING FROM 1/2" TO 2" DIA TO BE BUTT WELDED EXCEPT AT CONNECTIONS TO SUPPLIED EQUIPMENT.
 12. PROVIDE A MINIMUM OF 5' F.F. OF STRAIGHT RUN DOWNSTREAM OF ORIFICE.
 13. VALVES WITH V NUMBERS LISTED IN THE VALVE TABLE ARE SUPPLIED BY S&W.
 14. ORIFICE FLANGES WITH SOCKET WELDED TAPS ARE PROVIDED FOR ALL FES.
 15. METHOD OF CLOSURE FOR LOCAL VENTS, DRAINS, TEST CONNECTIONS AND CHEMICAL CLEANING CONNECTIONS SHALL BE AS SHOWN. REFER TO 2BVM-21 FOR ADDITIONAL DETAILS.
 16. AN ASTERISK (*) WILL REPLACE THE OMSH-1 IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE QUALITY ASSURANCE CATEGORY 1.
 17. FABRICATE LINE NO'S: 2-CHS-002-3161 AND 2-CHS-002-1 FROM SA 312 OR SA 376 TYPE 316N MATERIAL.
 18. (S&W) INDICATES FURNISHED BY STONE & WEBSTER ENGRG CORP.

LEGEND:
 IMB - INSIDE MISSILE BARRIER
 OMB - OUTSIDE MISSILE BARRIER
 FC - FAIL CLOSE
 PRT - PRESSURIZER RELIEF TANK

REVISIONS:
 REACTOR COOLING PIPING
 REGIONAL HEAT REGIONAL PIPING
 COMPONENT COOLING WATER PIPING
 CONTROL & VCL CONTROL PIPING
 NUCLEAR VENT & DRAIN PIPING

RECEIVED

DATE: 2-6-72
 DRAWN: [Name]
 CHECKED: [Name]
 DESIGNED: [Name]
 PROJECT: [Name]

Control Level 1
FINALIZED FLUID SYSTEM

NUCLEAR SAFETY RELATED
 THE INFORMATION ON THIS DRAWING MAY NOT BE COMED OR USED FOR OTHER THAN THE CONSTRUCTION, MAINTENANCE OR REPAIR OF THE PLANT FACILITY DESCRIBED IN THE TITLE BLOCK.

NO.	DESCRIPTION	DATE	BY	CHKD.	APP.
14	ISSUED FOR PRODUCTION	2-6-72	[Name]	[Name]	[Name]
13	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
12	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
11	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
10	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
9	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
8	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
7	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
6	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
5	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
4	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
3	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
2	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]
1	FOR RECORD OF CHANGE	1-24-72	[Name]	[Name]	[Name]

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PDR RIDS

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