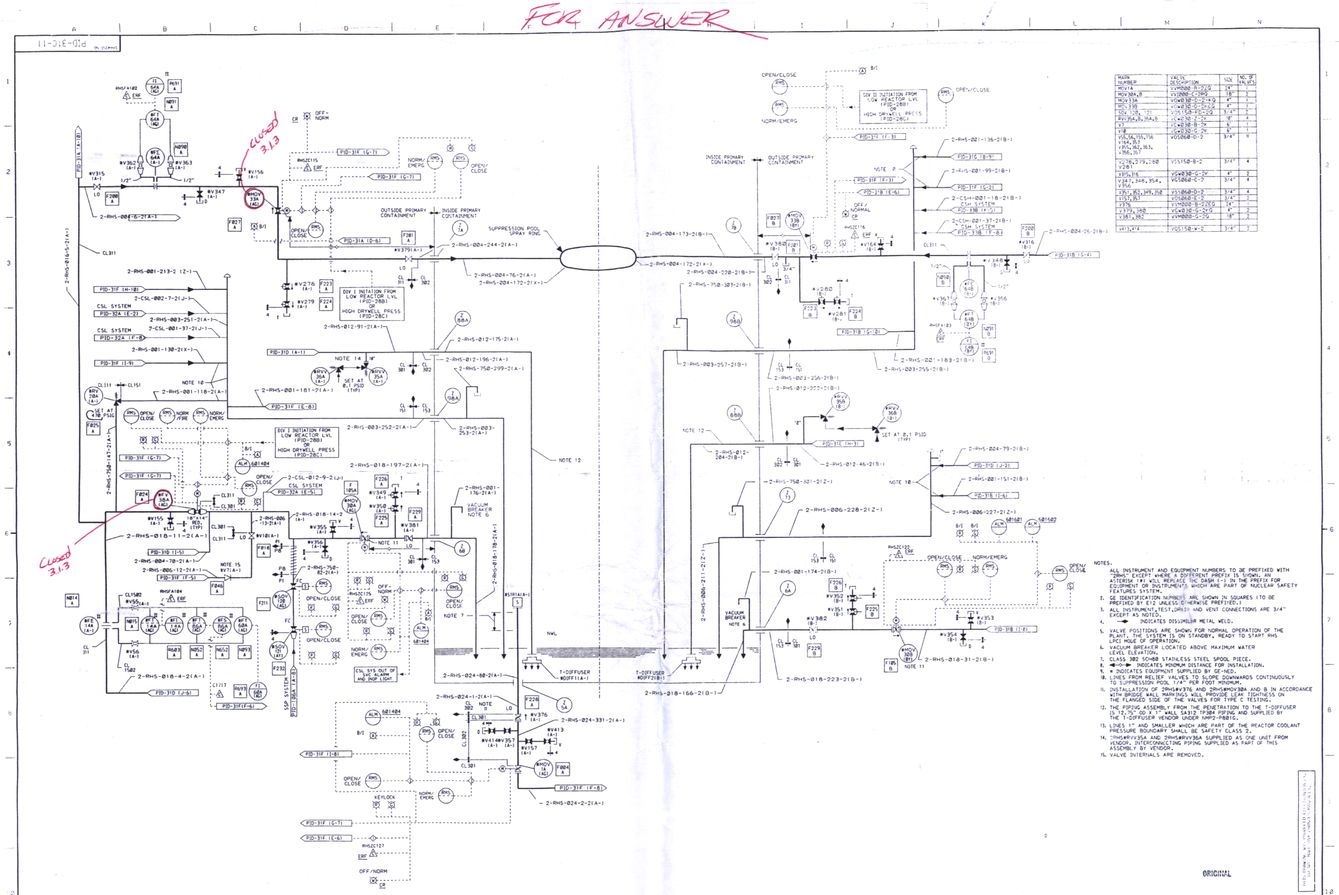
NOT REQUIRED FOR ANSWER



MARK NUMBER	VALVE DESIGNATION	SIZE	NO. OF VALVES
MOV 39A,B	V11M08B-0-24V	24"	2
MOV 53A	V11M08B-0-24V	18"	1
MOV 53B	V11M08B-0-24V	18"	1
MOV 128	V11M08B-0-24V	4"	1
MOV 129, 131	V11M08B-0-24V	3 1/2"	2
RV39A,B,39A,B	V11M08B-0-24V	8"	4
RV 53	V11M08B-0-24V	6"	1
RV 128	V11M08B-0-24V	3"	1
V39,39A,39B, V54A,B1, V81,82,183, V304,B1	V08M08B-0-24V	8"	6
V128,279,280 V281	V05M15B-0-2	3/4"	4
V53,54, V184,185,186, V304,305	V06M08B-0-24V	4"	6
V39A,B,39B,39C	V06M08B-0-24V	3/4"	4
V81,82,183,184,186	V11B48B-0-2	3/4"	4
V53A,B1	V11B48B-0-2	3/4"	2
V39D	V11M08B-0-24V	8"	1
V179,182	V11M08B-0-24V	4"	2
V181,182	V11M08B-0-24V	8"	2
V41,42	V05M15B-0-2	3/4"	2

NOTES:

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2RHS" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE PART OF NUCLEAR SAFETY CLASS 1 SYSTEMS.
2. SE IDENTIFICATION NUMBERS (NN) SHOWN IN SQUARES (TO BE PREFIXED BY E12 UNLESS OTHERWISE PREFIXED.)
3. ALL INSTRUMENT,TEST,DRAIN AND VENT CONNECTIONS ARE 3/4" EXCEPT AS NOTED.
4. —◆— INDICATES DISSIMILAR METAL WELD.
5. VALVE POSITIONS ARE SHOWN FOR NORMAL OPERATION OF THE PLANT. THE SYSTEM IS ON STANDBY, READY TO START RHS LPCI MODE OF OPERATION.
6. VACUUM BREAKER LOCATED ABOVE MAXIMUM WATER SURFACE ELEVATION.
7. CLASS 3BE SCH80 STAINLESS STEEL SPOOL PIECE.
8. ◄D►◄D► INDICATES MINIMUM DISTANCE FOR INSTALLATION.
9. ★ INDICATES EQUIPMENT SUPPLIED BY GE-NED.
10. LINES FROM RELIEF VALVES TO SLOPE DOWNWARDS CONTINUOUSLY TO SUPPRESSION POOL (1/4" PER FOOT MINIMUM).
11. INSTALLATION OF 2RHS*V39A AND 2RHS*V39B AND B IN ACCORDANCE WITH ASME SECTION III, SUBSECTION NB-3685 (CONSIDERED ON THE FLANGED SIDE OF THE VALVES FOR TYPE C TESTING).
12. THE PIPING ASSEMBLY FROM THE PENETRATION TO THE T-DIFFUSER (3.75"/.50 X 1" WALL SA312 TP304 PIPING) AND SUPPLIED BY THE T-DIFFUSER VENDOR UNDER NMP2-PR816.
13. LINES AND ASSOCIATED VALVES PART OF THE REACTOR COOLANT PRESSURE BOUNDARY ARE CLASSIFIED AS CLASS 1.
14. 2RHS*RV39A AND 2RHS*RV39A SUPPLIED AS ONE UNIT FROM VENDOR, INTERCONNECTING PIPING SUPPLIED AS PART OF THIS ASSEMBLY BY VENDOR.
15. VALVE INTERNALS ARE REMOVED.

ORIGINAL

SAFETY RELATED
QUALITY RELATED
(REF. SAR FIG. 5.4-13c & ISPT-31C)

ORIGINAL

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.

PIPING & INSTRUMENTATION DIAGRAM
RESIDUAL HEAT REMOVAL

SCALE: NONE | DRAWING NO. RID-31C-11

INCORPORATES FCR SH2C2454

11 JUN27 ENGINEERING ENHANCEMENT REFERENCE SCR0-RHS 112-RHS-R001 AND AR 25152

12 5-3-95 INCORPORATES EEC NO. 2H20563

TAMERAN

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