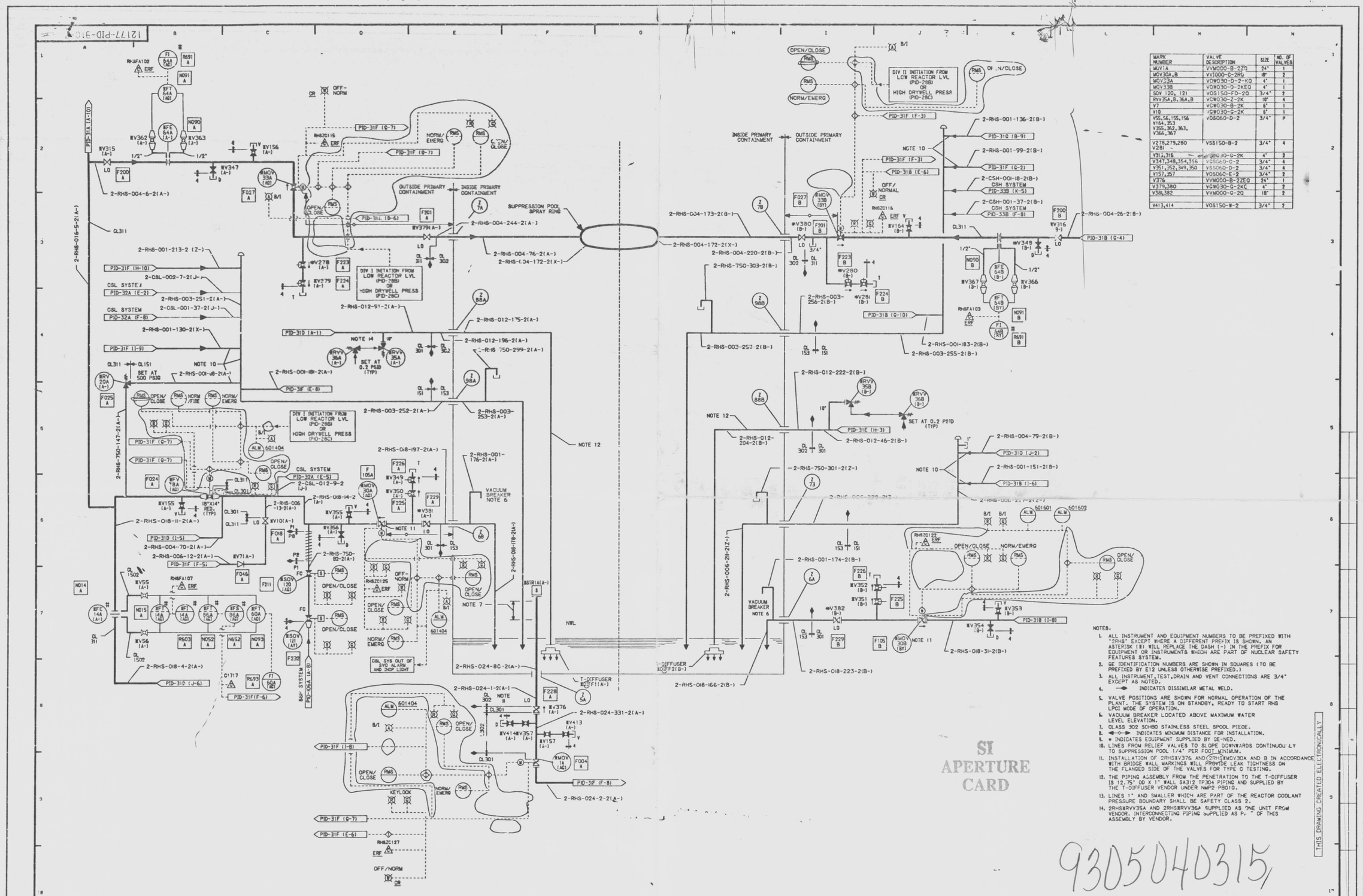

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
MOV1A	VVM000-B-2ZQ	24"	1
MOV30A,B	VV1000-C-2RQ	18"	2
MOV33A	VCW030-D-2-KQ	4"	1
MOV33B	VCW030-D-2KEQ	4"	1
SOV 120, 121	VOS150-FD-2Q	3/4"	2
RVV35A,B,36A,B	VCW030-Z-2K	10"	4
V7	VCW030-B-2K	6"	1
V10	VCW030-Q-2K	6"	1
V55,56,155,156 V164,353 V355,362,363, V366,367	VOS060-D-2	3/4"	P
V278,279,280 V281	VSS150-B-2	3/4"	4
V315,316	VCW030-Q-2K	4"	2
V347,348,354,356	VOS060-C-2	3/4"	4
V351,352,349,350	VSS060-D-2	3/4"	4
V157,357	VOS060-E-2	3/4"	2
V376	VVM000-B-2ZEQ	24"	1
V379,380	VCW030-Q-2KQ	4"	2
V381,382	VVM000-Q-2Q	18"	2
V413,414	VOS150-W-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 FEATURES SYSTEM.
2. GE IDENTIFICATION NUMBERS ARE 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 LEVEL ELEVATION.
7. CLASS 302 SCHBO STAINLESS STEEL SPOOL PIECE.
8. ←→ 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*V376 AND 2RHS*MOV30A AND B IN ACCORDANCE WITH BRIDGE WALL MARKINGS WILL PROVIDE LEAK TIGHTNESS ON THE FLANGED SIDE OF THE VALVES FOR TYPE C TESTING.
12. THE PIPING ASSEMBLY FROM THE PENETRATION TO THE T-DIFFUSER IS 12.75" OD X 1" WALL SA312 TP304 PIPING AND SUPPLIED BY THE T-DIFFUSER VENDOR UNDER NMP2 PB01G.
13. LINES 1" AND SMALLER WHICH ARE PART OF THE REACTOR COOLANT PRESSURE BOUNDARY SHALL BE SAFETY CLASS 2.
14. 2RHS*RVV35A AND 2RHS*RVV36A SUPPLIED AS ONE UNIT FROM VENDOR. INTERCONNECTING PIPING SUPPLIED AS PART OF THIS ASSEMBLY BY VENDOR.

THIS DRAWING CREATED ELECTRONICALLY

SI APERTURE CARD

9305040315

NUCLEAR SAFETY RELATED
QA CAT I,II

PIPING & INSTRUMENTATION DIAGRAM
RESIDUAL HEAT REMOVAL

NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WEBSTER ENGINEERING CORPORATION
CHERRY HILL, N.J.

DRAWING NUMBER 12177-PID-310-7

DESIGNED BY R.KLAUS
DRAWN BY R.KLAUS
DESIGN CHKD BY E.F.CURRAN
CHKD BY E.F.CURRAN

07-27-91

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