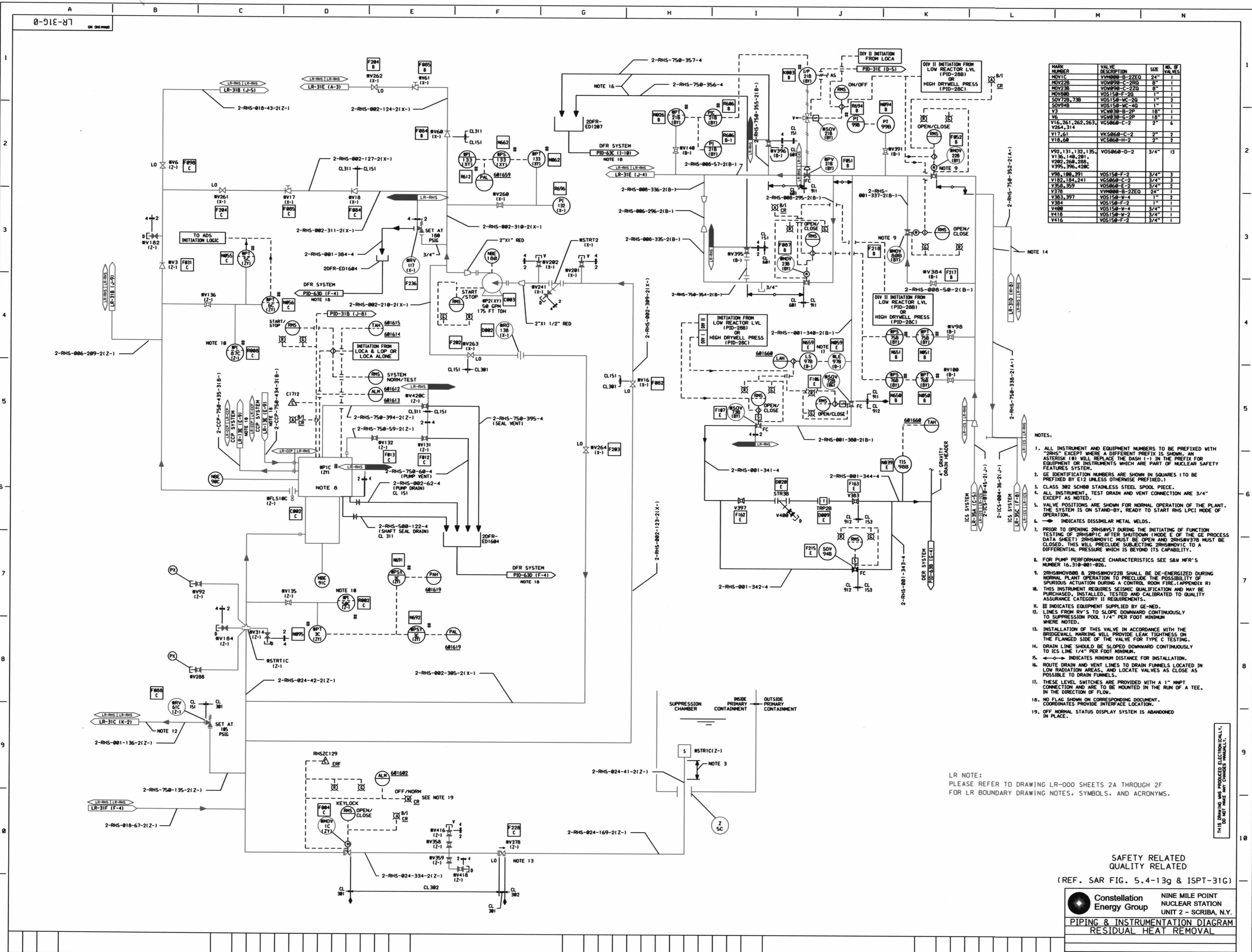


2112



MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
MOV1C	VV0800-B-220	24"	1
MOV2B	VV0800-C-200	24"	1
MOV2B	VV0800-C-220	24"	1
MOV8B	VV0800-F-20	1"	1
SDV50B	VV0800-C-20	1"	2
SDV50B	VV0800-C-40	1"	1
V3	VV0800-B-2P	18"	1
V6	VV0800-C-2P	2"	1
V16, 261, 262, 263, 264, 314	VV0800-C-2	2"	6
V17, 61	VV0800-C-2	2"	2
V18, 60	VV0800-H-2	2"	2
V92, 131, 132, 135, V136, 140, 291	VV0800-D-2	3/4"	13
V202, 260, 288, V396, 395, 406	VV0800-D-2	3/4"	2
V28, 108, 391	VV0800-F-2	3/4"	3
V182, 184, 241	VV0800-C-2	3/4"	3
V350, 359	VV0800-E-2	3/4"	2
V378	VV0800-B-220	24"	1
V383, 397	VV0800-W-4	1"	2
V384	VV0800-F-2	1"	1
V406	VV0800-W-4	2"	1
V416	VV0800-W-2	3/4"	1
V416	VV0800-F-2	3/4"	1

- NOTES.
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "RHS" 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. CLASS 302 SCH80 STAINLESS STEEL SPPOOL PIECE.
  4. ALL INSTRUMENT, TEST DRAIN AND VENT CONNECTION ARE 3/4" EXCEPT AS NOTED.
  5. VALVE POSITIONS ARE SHOWN FOR NORMAL OPERATION OF THE PLANT. THE SYSTEM IS ON STAND-BY, READY TO START RHS LPCI MODE OF OPERATION.
  6. — indicates DISSIMILAR METAL WELDS.
  7. PRIOR TO OPENING 2RHS4V57 DURING THE INITIATING FUNCTION TESTING OF 2RHS4PIC AFTER SHUTDOWN (MODE E OF THE GE PROCESS DATA SHEET) 2RHS4MOV22B MUST BE OPEN AND 2RHS4V37B MUST BE CLOSED. THIS WILL PRECLUDE SUBJECTING 2RHS4MOV21C TO A DIFFERENTIAL PRESSURE WHICH IS BEYOND ITS CAPABILITY.
  8. FOR PUMP PERFORMANCE CHARACTERISTICS SEE SAW MFR'S NUMBER 16-310-001-026.
  9. 2RHS4MOV08B & 2RHS4MOV22B SHALL BE DE-ENERGIZED DURING NORMAL PLANT OPERATION TO PRECLUDE THE POSSIBILITY OF SPURIOUS ACTUATION DURING A CONTROL ROOM FIRE. (APPENDIX R) THIS INSTRUMENT REQUIRES SEISMIC QUALIFICATION AND MAY BE PURCHASED, INSTALLED, TESTED AND CALIBRATED TO QUALITY ASSURANCE CATEGORY II REQUIREMENTS.
  10. \*\$ INDICATES EQUIPMENT SUPPLIED BY GE-MED.
  11. LINES FROM RV'S TO SLOPE DOWNWARD CONTINUOUSLY TO SUPPRESSION POOL 1/4" PER FOOT MINIMUM WHERE NOTED.
  12. INSTALLATION OF THIS VALVE IN ACCORDANCE WITH THE BRIDGEMAN MARKING WILL PROVIDE LEAK TIGHTNESS ON THE FLANGED SIDE OF THE VALVE FOR TYPE C TESTING.
  13. DRAIN LINE SHOULD BE SLOPED DOWNWARD CONTINUOUSLY TO ICS LINE 1/4" PER FOOT MINIMUM.
  14. — indicates MINIMUM DISTANCE FOR INSTALLATION.
  15. ROUTE DRAIN AND VENT LINES TO DRAIN FUNNELS LOCATED IN LOW RADIATION AREAS, AND LOCATE VALVES AS CLOSE AS POSSIBLE TO DRAIN FUNNELS.
  16. THESE LEVEL SWITCHES ARE PROVIDED WITH A 1" NPT CONNECTION AND ARE TO BE MOUNTED IN THE RUN OF A TEE, IN THE DIRECTION OF FLOW.
  17. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
  18. OFF NORMAL STATUS DISPLAY SYSTEM IS ABANDONED IN PLACE.

LR NOTE:  
PLEASE REFER TO DRAWING LR-000 SHEETS 2A THROUGH 2F FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

SAFETY RELATED  
QUALITY RELATED  
(REF. SAR FIG. 5.4-13g & ISPT-31G)

Constellation  
Energy Group  
NINE MILE POINT  
NUCLEAR STATION  
UNIT 2 - SCRIBA, N.Y.  
PIPING & INSTRUMENTATION DIAGRAM  
RESIDUAL HEAT REMOVAL

REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHD	ENG	ELEC	MECH	STR	MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHD	ENG	ELEC	MECH	STR	MF

SCALE NONE DRAWING NO LR-31G-0

*DIS2*