



MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
NOV181,184,185	VCMCS-C-1190	4"	3
NOV182,183,112	VOMCS-B-1190	8"	3
V365,367,368,369	VOM150-K-119	2"	4
V27A,27B	VCMPS-F-314	4"	2
V32	VCMPS-F-114	2-1/2"	1
V39,48,431,432	VSS150-B-2	3/4"	4
V1	VOM150-H-114	2-1/2"	1
V390	VSS150-B-3	3/4"	1
V140,141,220	VOS150-W-2	3/4"	5
V395,396	VOS150-L-2	3/4"	4
V146,147,152,153	VOS150-A-2	3/4"	10
V148,149,155,156	VOS150-F-2	3/4"	6
V240,241,242,243	VOS150-F-3	3/4"	2
V244,245	VOS150-F-5	3/4"	1
V307,308,314,315	VOS150-F-2	3/4"	6
V316,317	VOS150-F-3	3/4"	2
V154,V391	VOS150-F-5	3/4"	1
V392	VOS150-F-5	3/4"	1
V448	VOS600-S-2	1/2"	1

NOTE 13

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- NOTES:
- ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "SNC" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (\*) WILL REPLACE THE "SNC" IN THE PREFIX FOR EQUIPMENT OR INSTRUMENT WHICH ARE PART OF NUCLEAR SAFETY FEATURES SYSTEM.
  - GENERAL ELECTRIC IDENTIFICATION NUMBERS ARE SHOWN IN SQUARES (TO BE PREFIXED WITH "G31").
  - INSTRUMENT, PRESSURE, VENT, DRAIN & TEST CONNECTIONS ARE 3/4" EXCEPT WHERE SHOWN OTHERWISE.
  - ALL PIPING TO BE CLASS 901 UNLESS OTHERWISE NOTED.
  - TEMPERATURE CONNECTIONS ARE 1-1/4" UNLESS SHOWN OTHERWISE.
  - LINE 1" & SMALLER WHICH ARE PART OF THE REACTOR COOLANT PRESSURE BOUNDARY SHALL BE SAFETY CLASS 2.
  - ◊ DENOTES DISSIMILAR METAL WELD.
  - CHEMICAL CLEANING CONNECTIONS DO NOT REQUIRE VALVES.
  - \* DENOTES EQUIPMENT SUPPLIED BY GE-MED.
  - INSTRUMENTS TO BE LOCATED IN RADIATION AREA 4, 5 OR 6 UNLESS OTHERWISE NOTED.
  - TEST CONN. SHALL BE BRANCH CONN. FROM THE SIDE OR TOP OF MAIN PROCESS PIPING.
  - NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
  - ASME CLASS 2 VALVES USED FOR SNC-V431, V432 DUE TO AVAILABILITY. ASME CLASS 3 VALVES MAY BE USED AS REPLACEMENT. ASME CLASS 3 VALVE USED FOR SNC-V391 DUE TO AVAILABILITY. CLASS 4 (AMST B31.1) VALVE MAY BE USED AS REPLACEMENT.
  - LINE 2-WCS-750-530-4 IS ASME SA186 GR. B MATERIAL. ASTM A186 GR. B MATERIAL MAY BE USED AS REPLACEMENT.

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

SAFETY RELATED  
NON SAFETY RELATED  
(REF. SAR FIG. 5.4-16a & ISPT-37A)

Constellation Energy Group  
NINE MILE POINT NUCLEAR STATION UNIT 2 - SCRIBA, N.Y.

PIPING & INSTRUMENTATION DIAGRAM  
REACTOR WATER CLEANUP SYSTEM

SCALE: NONE DRAWING NO: LR-37A-0

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