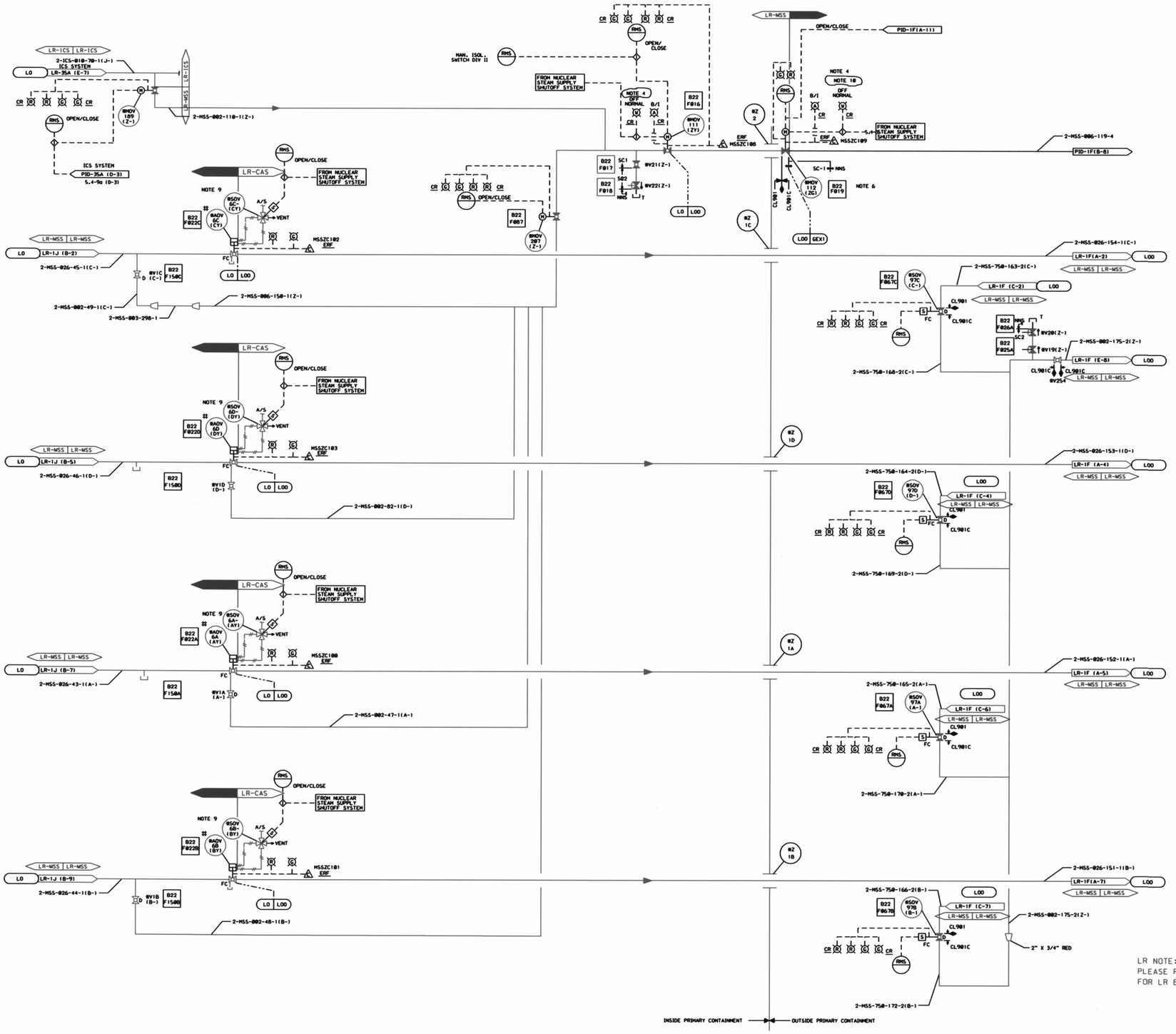
D104

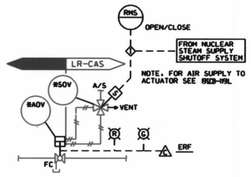
LR-1E-0

ON DRAWING



MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
SOV97A,B,C,D	NONE	3/4"	4
AOV66A,B,C,D	BY GE	26"	4
MOV111,112,207	VOW850-B-1NO	6"	3
MOV189	VOW150-F-1NO	2"	1
V1A,B,C,D,V254	VOW150-G-1N	2"	5
V19,20	VSS150-A-3E	3/4"	2
V21	VOW150-G-1N	3/4"	1
V22	VSS150-B-2	3/4"	1

TYPICAL AIR OPERATED VALVE ARRANGEMENT (SEE TABLE BELOW)



TABLE

AREA	AOV	SOV
C-3	6C	6C-1,2,3
C-5	6D	6D-1,2,3
C-7	6A	6A-1,2,3
C-9	6B	6B-1,2,3

NOTES.

1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2MSS-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (#) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF THE NUCLEAR SAFETY FEATURES SYSTEM.
2. GENERAL ELECTRIC IDENTIFICATION NUMBERS ARE SHOWN IN SQUARES.
3. ALL PIPING SHALL BE CLASS 901 UNLESS OTHERWISE NOTED.
4. TEST CONNECTIONS ARE 3/4".
4. OFF-NORMAL STATUS DISPLAY SYSTEM IS ABANDONED IN PLACE.
5. ∆ DENOTES DISSIMILAR METAL WELD.
6. 2MSSMMOV 112 SHALL BE DE-ENERGIZED DURING NORMAL PLANT OPERATION TO PRECLUDE THE POSSIBILITY OF SPURIOUS ACTUATION DURING A CONTROL ROOM FIRE (APPENDIX R) AND IS WELDED TO PENETRATION Z-2.
7. ALL CLASS 1 PIPING, 2" AND SMALLER, SHALL HAVE BUTT WELD FITTINGS. CLASS 2 PIPING UP TO THE FIRST ISOLATION VALVE SHALL HAVE BUTT WELD FITTINGS.
8. ⌘ DENOTES SUPPLIED BY GE-NED
9. SEE TABLE FOR TYPICAL AOV'S AND SOV'S ARRANGEMENT THIS DWG. (M-4).
10. OFF-NORMAL STATUS DISPLAY SYSTEM IS ABANDONED IN PLACE.

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

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

Constellation Energy Group

NINE MILE POINT NUCLEAR STATION UNIT 2 – SCRIBA, N.Y.

PIPING & INSTRUMENTATION DIAGRAM
MAIN STEAM

PRESSURE TESTING DIAGRAM

SCALE NONE

DRAWING NO LR-1E-0

NF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	EPROG	ELEC	MECH	STR

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