D100

LR-1A-0

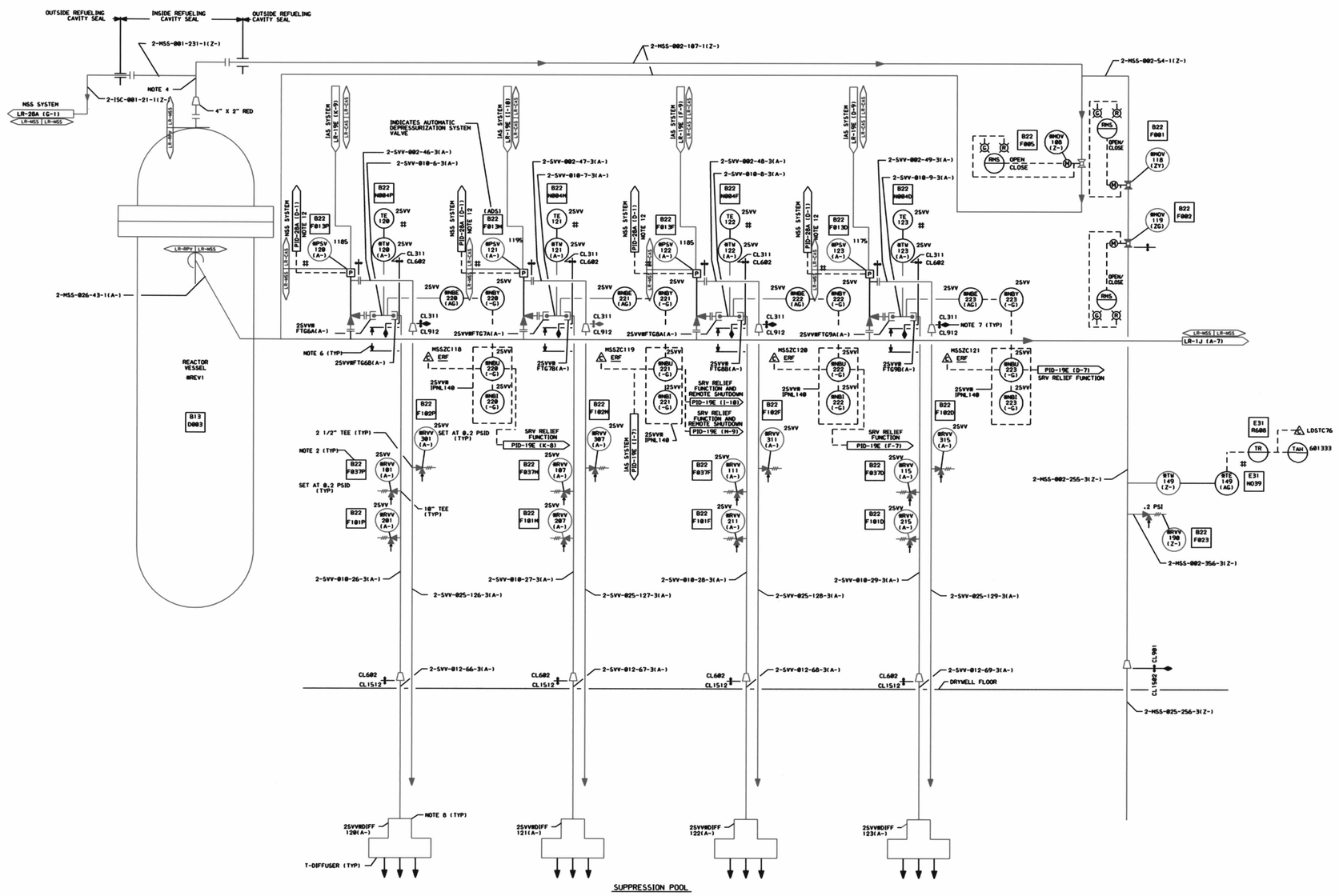
LR NOTE:
PLEASE REFER TO DRAWING LR-000 SHEETS 2A THROUGH 2F
FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

MAIN STEAM SYSTEM VALVE TABLE

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
MOV 108,118,119	VOW150-F-1WQ	2"	3

MAIN STEAM SAFETY /RELIEF VALVES, VENTS AND DRAINS SYSTEM VALVE TABLE "25VV-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
RVV101,107,111 RVV115,201,207 RVV211,215	VCW060-Z-3J	10"	8
RVV301,307,311 RVV315	VCW015-Z-3N	2 1/2"	4



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 THE EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF THE NUCLEAR SAFETY FEATURES SYSTEMS.
2. GENERAL ELECTRIC IDENTIFICATION NUMBERS ARE SHOWN IN SQUARES.
3. ALL PIPING SHALL BE CLASS 901 UNLESS OTHERWISE NOTED.
4. LOCATE FLANGES AT TOP OF REFUELING CAVITY SEAL PENETRATIONS. LOCATE TEE AS CLOSE AS POSSIBLE TO REACTOR VESSEL.
5. SPRING SET PRESSURE SHOWN ADJACENT TO RELIEF VALVE (PSIG).
6. CLASS 602 SS PIPE WITH 9.977"ID X 1.025" MINIMUM WALL THICKNESS.
7. ⊕ DENOTES DISSIMILAR METAL WELD.
8. T-DIFFUSER PIPING IS STAINLESS STEEL MATERIAL SA358 CL-1. TP-304L, WITH 12 3/4" O.D. X 1" MIN WALL THICKNESS.
9. # DENOTES SUPPLIED BY GE-HED.
10. ALL CLASS 1 PIPING 2" AND SMALLER SHALL HAVE BUTT WELD FITTINGS
11. VENT AND DRAIN LINES SHALL SLOPE CONTINUOUSLY DOWNWARD.
12. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.

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

SAFETY RELATED

(REF. SAR FIG. 10.1-3a & ISPT-1A)

Constellation Energy Group

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

PIPING & INSTRUMENTATION DIAGRAM
MAIN STEAM

SCALE NONE | DRAWING NO LR-1A-0

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

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