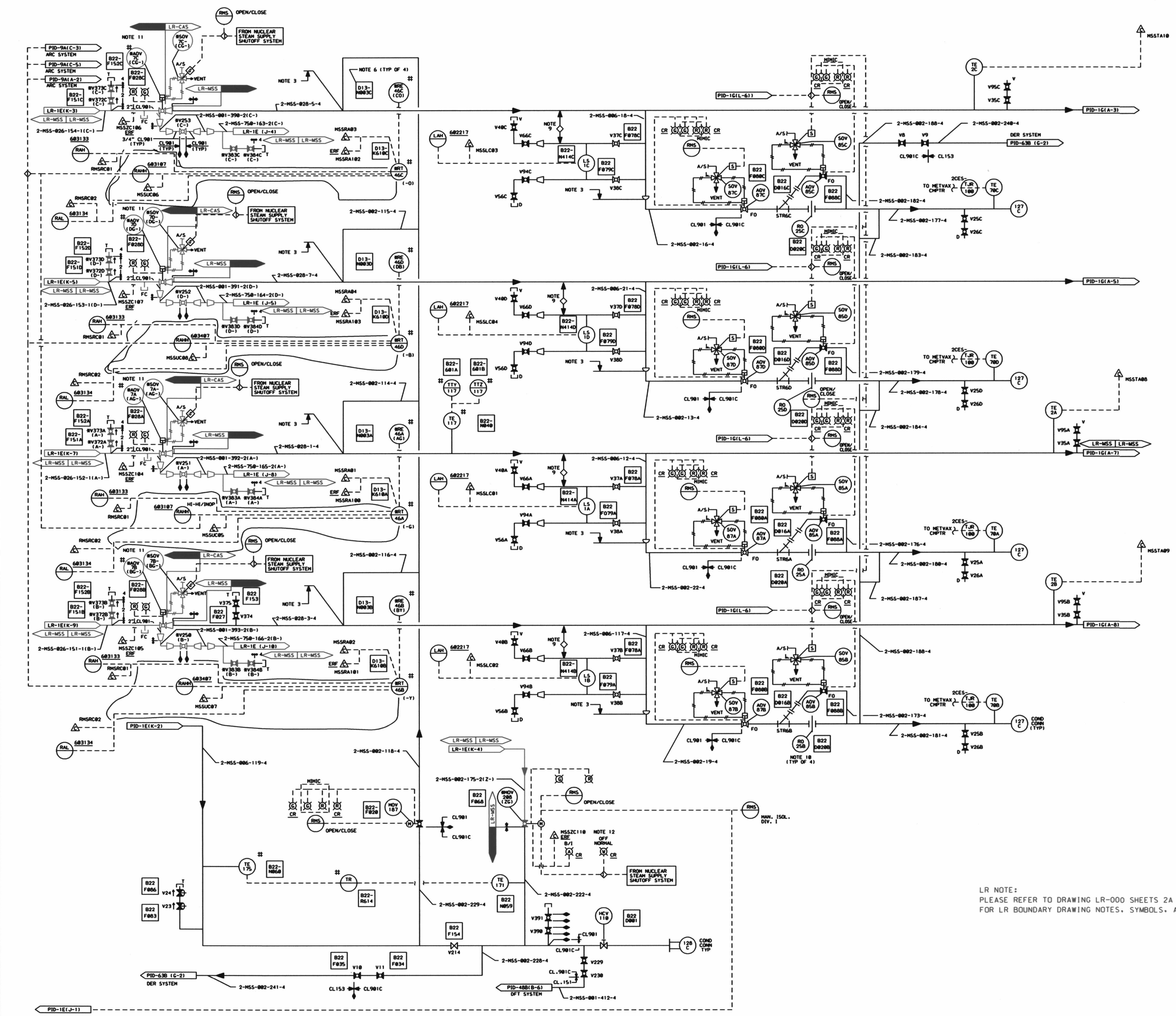
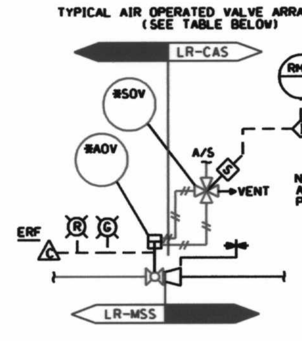
LR-1F-0

DRAWING NO




| MARK NUMBER | VALVE DESCRIPTION | SIZE | NO. OF VALVES |
|---|---|---|---|
| AOV85A,B,C,D<br>AOV87A,B,C,D | VOS060-M-4Q | 2" | 8 |
| AOV7A,B,C,D | BY G.E. | 26" | 4 |
| MOV187 | VOW150-F-4WQ | 2" | 1 |
| MOV208 | VOS150-B-1Q | 2" | 1 |
| V8,9,10,11 | VOS150-B-4 | 2" | 4 |
| V23,24 | VSS150-A-4E | 3/4" | 2 |
| V25A,B,C,D,229<br>V26A,B,C,D,230 | VOS150-B-4 | 3/4" | 10 |
| V35A,B,C,<br>V40A,B,C,D<br>V56A,B,C,D<br>V66A,B, D<br>V94A,B,C,D<br>V95A,B,C, | VOS150-F-4 | 3/4" | 21 |
| V37A,B,C,D<br>V38A,B,C,D | VOS150-F-4 | 1" | 8 |
| V214 | VGW060-W-4 | 6" | 1 |
| V390,391 | VOS150-B-4 | 3/4" | 2 |
| V250,251,252,253 | VOW150-K-2N | 3/4" | 4 |
| V383A,B,C,D<br>V384A,B,C,D<br>V372A,B,C,D<br>V374,375 | VOS150-F-2 | 3/4" | 18 |
| V66C | VOS169-F-4 | 3/4" | 1 |

TYPICAL AIR OPERATED VALVE ARRANGEMENT
(SEE TABLE BELOW)




NOTE, FOR AIR SUPPLY TO ACTUATOR SEE PID-19L AND PID-19M

TABLE

| AREA | #AOV | #SOV |
|---|---|---|
| B-1 | 7C | 7C-1,2,3 |
| B-3 | 7D | 7D-1,2,3 |
| B-5 | 7A | 7A-1,2,3 |
| B-7 | 7B | 7B-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 SYSTEMS.
2. GENERAL ELECTRIC IDENTIFICATION NUMBERS ARE SHOWN IN SQUARES.
3. LIMIT OF QA CAT I NON NUCLEAR SAFETY RELATED SYSTEM PORTION. SEE SPEC NMP2-P301A APPENDIX I FOR DETAILED REQUIREMENTS.
4. ALL VENTS AND DRAINS ARE 3/4" UNLESS OTHERWISE NOTED.
5. ALL PIPING SHALL BE CLASS 901 EXCEPT WHERE OTHERWISE SHOWN.
6. FOR DESCRIPTION OF RADIATION MONITORING SYSTEM AND LOCATION TO PROBES REFER TO GE-NESD NOTES 22A 1486 REV 2 PROCESS RADIATION MONITORING SYSTEM.
7. ◆ DENOTES DISSIMILAR METAL WELD.
8. # DENOTES SUPPLIED BY GE-NED.
9. ◇ DENOTES MINIMUM DISTANCE TO BOTTOM OF PIPE FOR INSTALLATION (LATER).
10. ORIFICE TO BE LOCATED AS CLOSE TO DRAIN POT AS POSSIBLE. IN NO CASE SHALL THIS PIPE RUN EXCEED 12 FEET.
11. SEE TABLE FOR TYPICAL AOV'S AND SOV'S ARRANGEMENT THIS DWG. (M-4).
12. 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.

QUALITY RELATED
NON SAFETY RELATED
SAFETY RELATED
(REF. SAR FIG. 10.1-3f & ISPT-1F)

Constellation Energy Group

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

PIPING & INSTRUMENTATION DIAGRAM
MAIN STEAM

SCALE NONE | DRAWING NO LR-1F-0

| MF | REV | DATE | DESCRIPTION OF REVISION | M.O. | DFT | DES | CHKD | ENG | | | ELEC | MECH | STR | MF | REV | DATE | DESCRIPTION OF REVISION | M.O. | DFT | DES | CHKD | ENG | | | ELEC | MECH | STR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

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