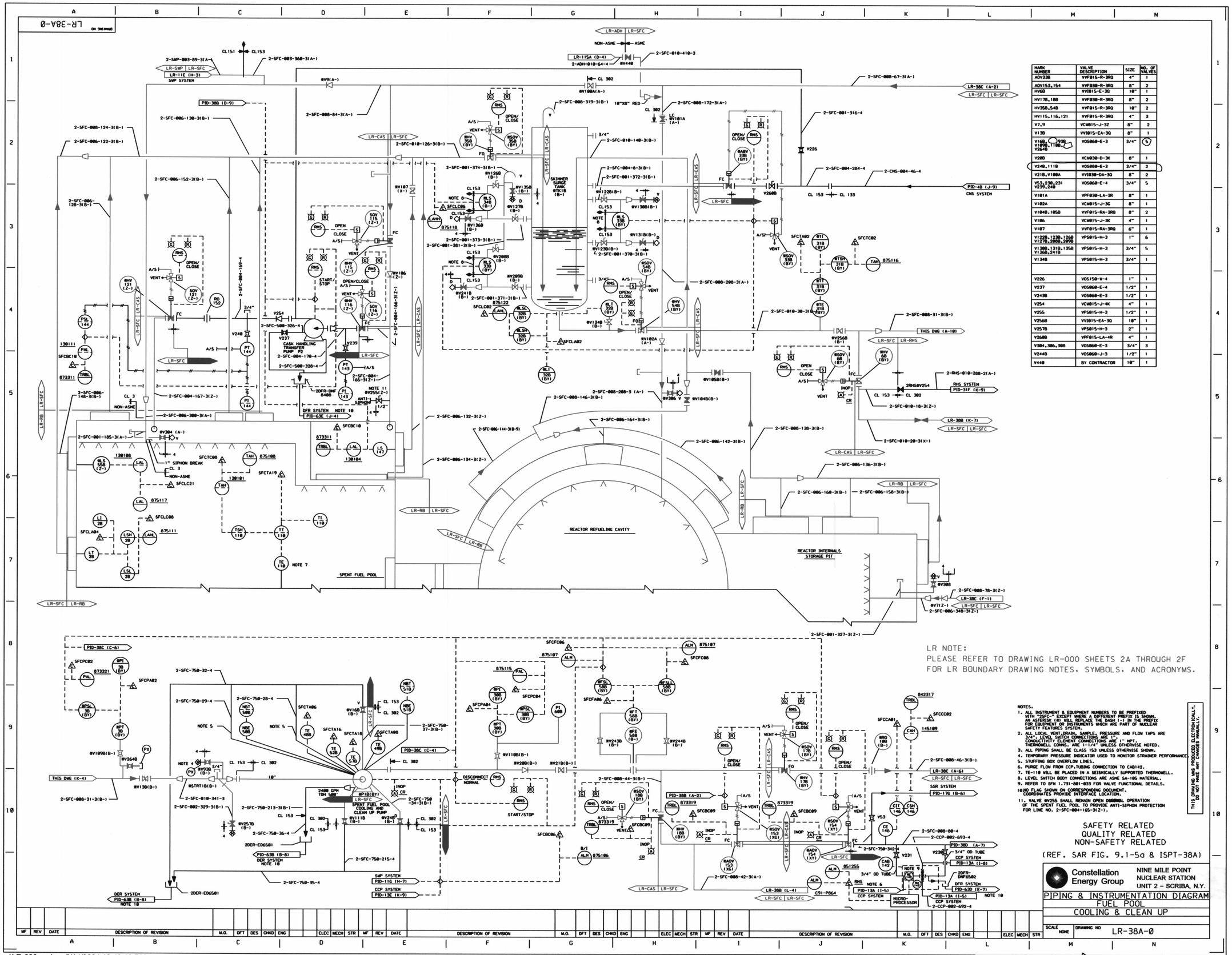


| MARK NUMBER | VALVE DESCRIPTION | SIZE | NO. OF VALVES |
|---|---|---|---|
| AOV33B | VVF015-R-3RQ | 4" | 1 |
| AOV153,154 | VVF030-R-3RQ | 8" | 2 |
| HV6B | VVI015-E-3Q | 10" | 1 |
| HV17B,18B | VVF030-R-3RQ | 8" | 2 |
| HV35B,54B | VVF015-R-3RQ | 10" | 2 |
| HV115,116,121 | VVF015-R-3RQ | 4" | 3 |
| V7,9 | VCW015-J-3Z | 8" | 2 |
| V13B | VVI015-EA-3Q | 8" | 1 |
| V16B, V109B, V110B, V126B | VOS060-E-3 | 3/4" | 5 |
| V20B | VCW030-D-3K | 8" | 1 |
| V24B,111B | VOS080-E-3 | 3/4" | 2 |
| V21B,V100A | VVI030-DA-3Q | 8" | 2 |
| V53,230,231 V239,240 | VOS060-E-4 | 3/4" | 5 |
| V101A | VPF030-LA-3R | 8" | 1 |
| V102A | VCW015-J-3G | 8" | 1 |
| V104B,105B | VVF015-RA-3RQ | 8" | 2 |
| V106 | VCW015-J-3K | 4" | 1 |
| V107 | VVF015-RA-3RQ | 6" | 1 |
| V122B,123B,126B V127B,208B,209B | VPS015-H-3 | 1" | 6 |
| V130B,131B,135B V136B,241B | VPS015-H-3 | 3/4" | 5 |
| V134B | VPS015-H-3 | 3/4" | 1 |
| | | | |
| V226 | VOS150-W-4 | 1" | 1 |
| V237 | VOS060-E-4 | 1/2" | 1 |
| V243B | VOS060-E-3 | 1/2" | 1 |
| V254 | VCW015-J-4K | 4" | 1 |
| V255 | VPS015-H-3 | 1/2" | 1 |
| V256B | VVI015-EA-3Q | 10" | 1 |
| V257B | VPS015-H-3 | 2" | 1 |
| V260B | VPF015-LA-4R | 4" | 1 |
| V304,306,308 | VOS060-E-3 | 3/4" | 3 |
| V244B | VOS060-J-3 | 1/2" | 1 |
| V440 | BY CONTRACTOR | 10" | 1 |

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

NOTES.
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2SFC-" 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. ALL LOCAL VENT,DRAIN, SAMPLE, PRESSURE AND FLOW TAPS ARE 3/4", LEVEL SWITCH CONNECTIONS ARE 1", CONDUCTIVITY ELEMENT CONNECTIONS ARE 1" NPT. THERMOWELL CONNS. ARE 1-1/4" UNLESS OTHERWISE NOTED.
3. ALL PIPING SHALL BE CLASS 153 UNLESS OTHERWISE SHOWN.
4. TEMPORARY PRESSURE INDICATOR USED TO MONITOR STRAINER PERFORMANCE.
5. STUFFING BOX OVERFLOW LINES.
6. PURGE FLOW FROM CCP,TUBING CONNECTION TO CAB142.
7. TE-110 WILL BE PLACED IN A SEISMICALLY SUPPORTED THERMOWELL.
8. LEVEL SWITCH BODY CONNECTIONS ARE ASME SA-105 MATERIAL.
9. REFER TO SFN 1.731-001-033 FOR VALVE FUNCTIONAL DETAILS.
10. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
11. VALVE #V255 SHALL REMAIN OPEN DURING OPERATION OF THE SPENT FUEL POOL TO PROVIDE ANTI-SIPHON PROTECTION FOR LINE NO. 2-SFC-004-165-3(Z-).

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

SAFETY RELATED
QUALITY RELATED
NON-SAFETY RELATED
(REF. SAR FIG. 9.1-5a & ISPT-38A)

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

PIPING & INSTRUMENTATION DIAGRAM
FUEL POOL
COOLING & CLEAN UP

SCALE NONE | DRAWING NO LR-38A-0

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

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