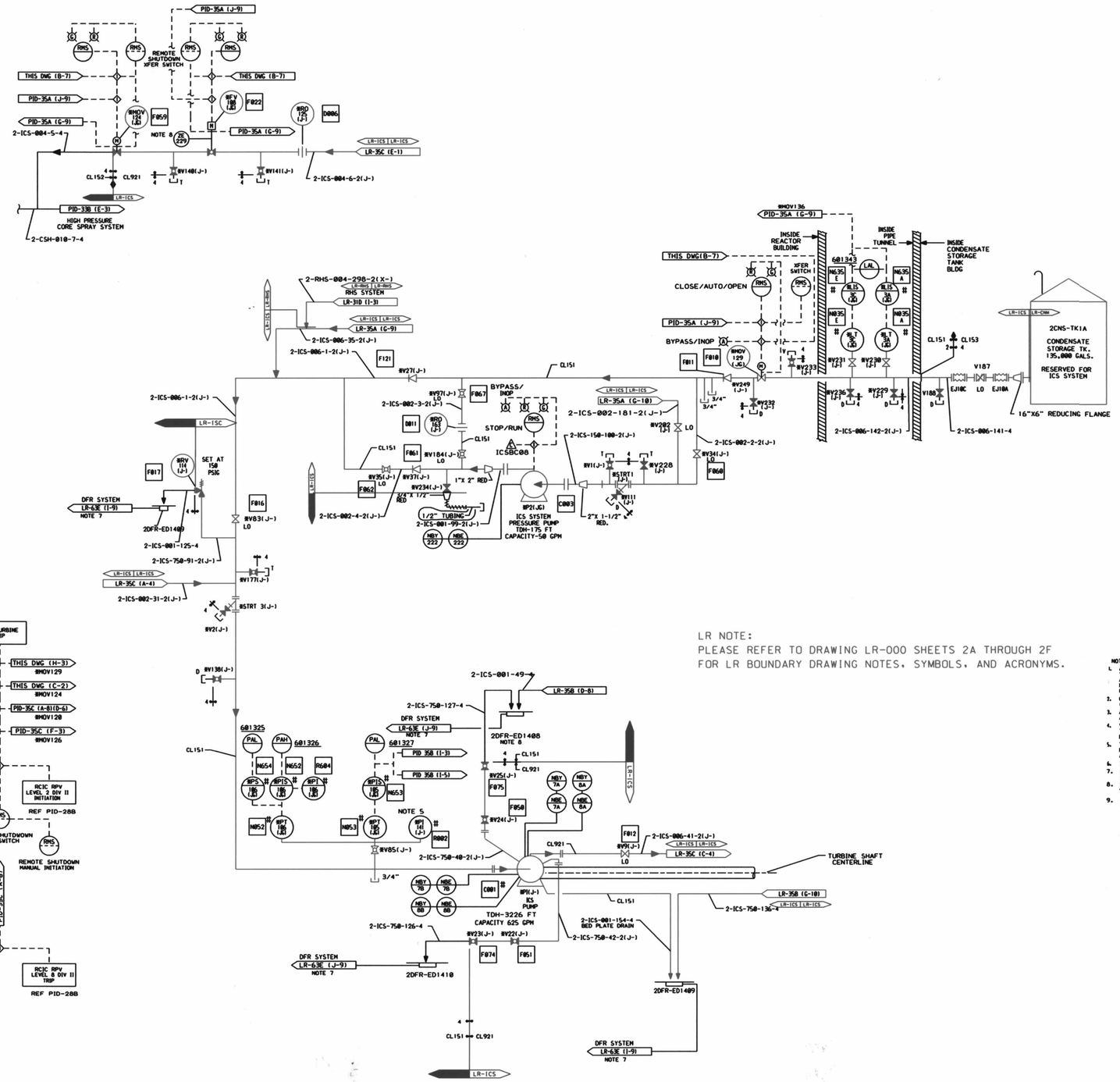
LR-35D-0

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
MOV124	VGW090-F-22EQ	4"	1
MOV129	VGW015-P-2KEQ	6"	1
V1	VO5060-D-2	3/4"	1
V2,111	VG5060-C-2	3/4"	2
V9	VGW090-F-2T	6"	1
V22,23,24,25 V140,141	VO5150-F-2	3/4"	6
V27	VCW015-E-2K	6"	1
V34,202	VG5060-C-2	2"	2
V35,97,184	VO5060-D-2	2"	3
V37	VC5060-H-2	2"	1
V85,138,177,233	VO5060-D-2	3/4"	4
V83	VGW015-P-2K	6"	1
V187	VV1015-S-4Q	6"	1
V188	VG5060-D-4	3/4"	1
V228,229,230,231 V232,234,236	VG5060-C-2	3/4"	7
V249	VCW015-E-2K	6"	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 AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "21CS-" 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 SHOWN IN SQUARES. (TO BE PREFIXED BY ES1 UNLESS OTHERWISE PREFIXED).
3. ALL LOCAL VENT, DRAIN, TEST, LEVEL, AND PRESSURE CONNECTIONS ARE 3/4" UNLESS OTHERWISE NOTED.
4. VALVE POSITIONS ARE SHOWN FOR NORMAL OPERATION OF THE PLANT. THE SYSTEM IS ON STANDBY, READY TO START ON REACTOR WATER LOW LEVEL.
5. THIS INSTRUMENT REQUIRES SEISMIC QUALIFICATION AND MAY BE PURCHASED, INSTALLED, TESTED, AND CALIBRATED TO QUALITY ASSURANCE CATEGORY II REQUIREMENTS.
6. ‡‡ DENOTES EQUIPMENT SUPPLIED BY GE-NED.
7. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
8. 21CS-2E229 IS USED FOR POSITION INPUT TO TRANSIENT ANALYSIS RECORDER (21CSMFV100).
9. AN ENCLOSURE SHALL BE PROVIDED ON 2DFR-ED1408 TO PREVENT ESCAPE OF STEAM TO THE REACTOR BUILDING.

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

NON SAFETY RELATED
QUALITY RELATED
SAFETY RELATED
(REF. SAR FIG. 5.4-9d & ISPT-35D)

Constellation Energy Group

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

PIPING & INSTRUMENTATION DIAGRAM
REACTOR CORE ISOLATION COOLING

SCALE NONE | DRAWING NO LR-35D-0

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