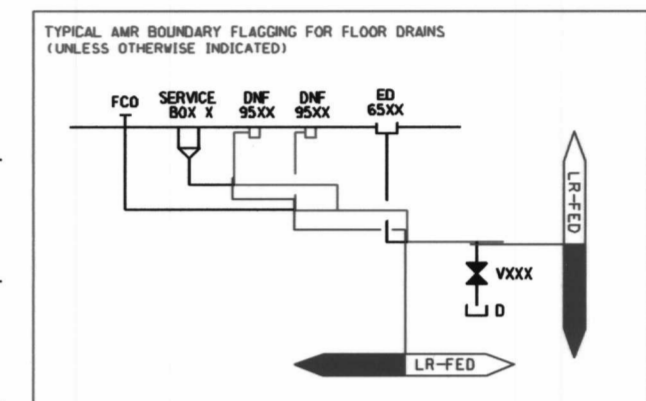
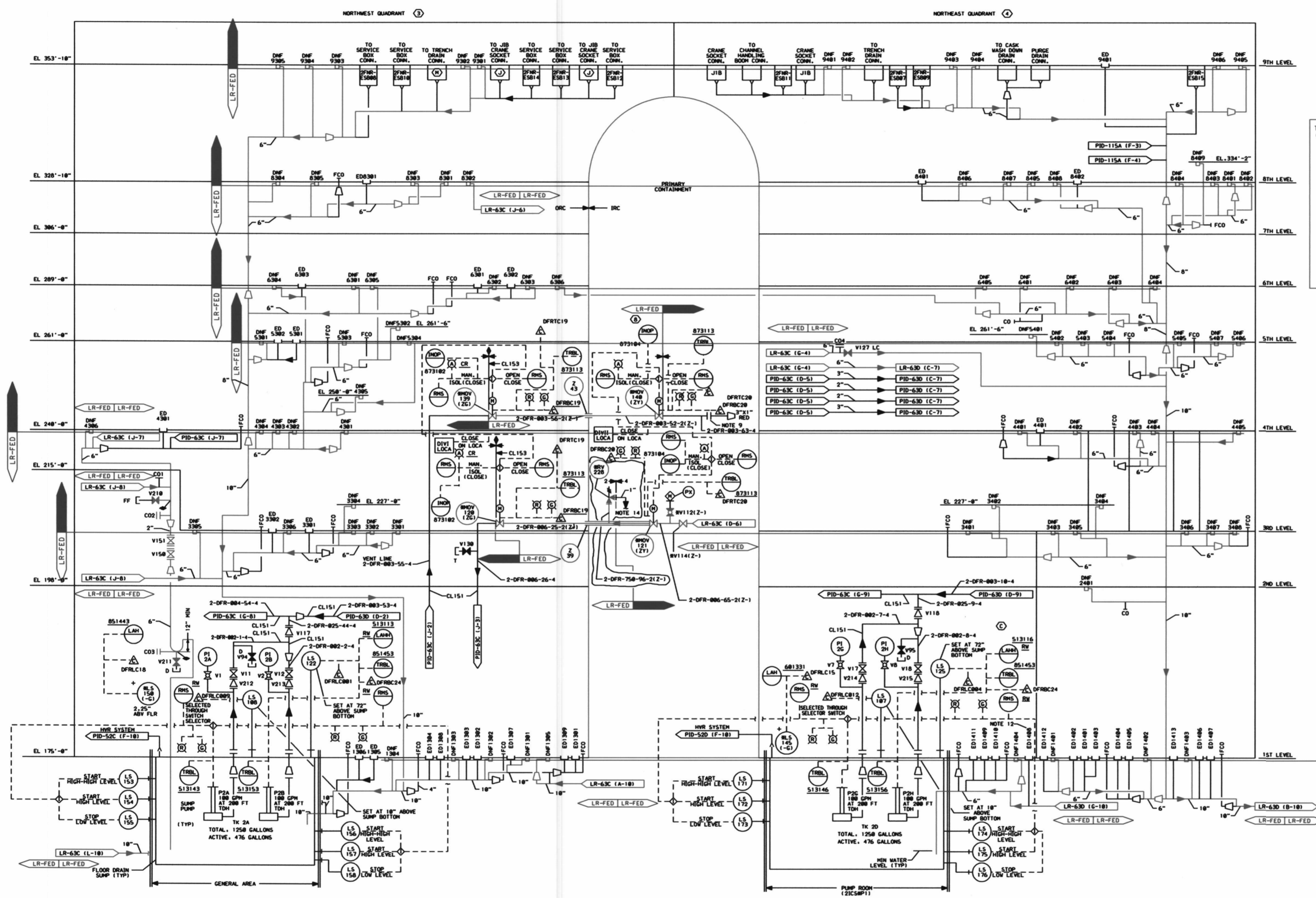


0-3E9-17

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

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
MOV120	VGM015-R-22EQ	6"	1
MOV121	VGM015-R-22EQ	6"	1
MOV140	VGM015-T-2K0	3"	1
V1.2,7,8,79	VGT060-B-4	3/4"	5
V11,12,17,18	VGF015-F-4R	2"	4
V21,22	VCI015-F-4	2"	2
V94,95	VGT060-B-4	3/4"	2
V112	VSS060-C-2	3/4"	1
V114	VGM015-R-2K	6"	1
V127	VGF015-E-4R	6"	1
V130	VGT060-B-4	3/4"	1
MOV139	VGM015-T-2K0	3"	1
V117,118	VCI015-F-4	2 1/2"	2
V150,151	VGF015-K-4R	2"	2
V210,211	VGS060-D-4	1"	2
V214,215	VCF012-H-4F	2"	2



- NOTES:
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "209" 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 FEATURE SYSTEM.
 2. ALL PIPING IS CLASS 123 UNLESS OTHERWISE NOTED.
 3. ALL FLOOR AND EQUIPMENT DRAINS AND DRAIN LINES ARE 4" EXCEPT WHERE A DIFFERENT SIZE IS SHOWN.
 4. ALL LINES TO BE SELF-VENTING AND ENTER MANIFOLDS THROUGH 1" FITTINGS.
 5. SLOPE ALL DRAIN LINES 1/16" PER FT. MINIMUM TO Sumps.
 6. ALL PRESSURE, VENT & DRAIN CONNECTIONS SHALL BE 3/4".
 - 7.
 8. * INDICATES INSTRUMENTS LOCATED AWAY FROM TANK OR SUMP.
 9. FLANGE CONNECTION FOR TYPE-C TESTING OF CONTAINMENT ISOLATION VALVES.
 10. ⚡ INDICATES DISSIMILAR METAL WELD.
 - 11.
 12. AN ENCLOSURE SHALL BE PROVIDED ON 209-ED1480 TO PREVENT ESCAPE OF STEAM TO THE REACTOR BUILDING.
 13. FF DENOTES FLUSH & FILL CONN.
 14. RELIEF VALVE IS SET AT 70 PSIG AND RELIEVES TO THE SUPPRESSION POOL.

- AREA LEGEND
- ⊙ PUMP ROOM (2IC5MP1)
 - ⊙ CABLE REEL PIT
 - ⊙ JIB CRANE STORAGE
 - ⊙ NEW FUEL STORAGE VAULT
 - ⊙ JIB CRANE SOCKETS
 - ⊙ TRENCH DRAIN CONN.
 - ⊙ CHANNEL HANDLING BOTTOM CONN.
 - ⊙ CASK WASH DOWN DRAIN

- LINE LEGEND
- GRAVITY DRAIN LINES
 - CLEAN-OUT LINES

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

SAFETY RELATED
QUALITY RELATED
NON-SAFETY RELATED
(REF. SAR FIG. 9.3-9e & ISPT-63E)

Constellation Energy Group
NINE MILE POINT NUCLEAR STATION
UNIT 2 - SCRIBA, N.Y.
PIPING & INSTRUMENTATION DIAGRAM
REACTOR BUILDING EQUIPMENT
AND FLOOR DRAINS

SCALE NONE DRAWING NO LR-63E-0