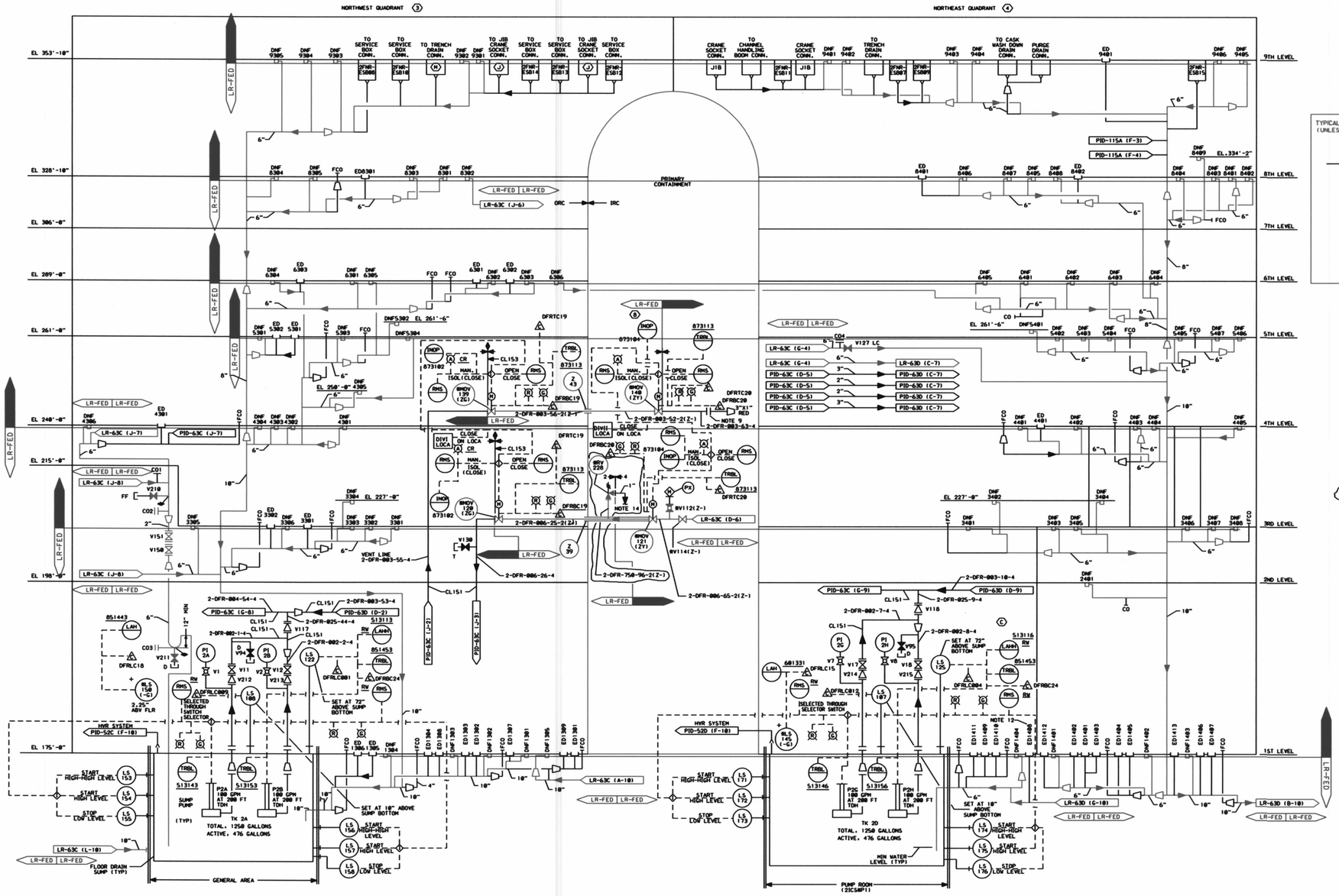
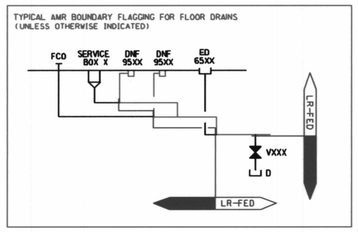
LR-63E-0

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	VGW015-R-22EQ	6"	1
MOV121	VGW015-R-2KQ	6"	1
MOV140	VGW015-T-2KQ	3"	1
V1,2,7,8,79	VGT060-B-4	3/4"	5
V11,12,17,18	VGF015-F-4R	2"	4
V21,22	VC1015-F-4	2"	2
V94,95	VGT060-B-4	3/4"	2
V112	VS5060-C-2	3/4"	1
V114	VGW015-R-2K	6"	1
V127	VGF015-E-4R	6"	1
V130	VGT060-B-4	3/4"	1
MOV139	VGW015-T-2KEQ	3"	1
V117,118	VC1015-F-4	2 1/2"	2
V150,151	VGF015-K-4R	2"	2
V210,211	VG5060-D-4	1"	2
V214,215	VCF012-H-4F	2"	2





NOTES.

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2DFR-" 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 THRU "Y" 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 2DFR-ED1400 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

- (C) PUMP ROOM (21CS4P1)
- (E) CABLE REEL PIT
- (H) JIB CRANE STORAGE
- (L) NEW FUEL STORAGE VAULT
- (J) JIB CRANE SOCKETS
- (M) TRENCH DRAIN CONN.
- (N) CHANNEL HANDLING BOTTOM CONN.
- (D) CASK WASH DOWN DRAIN

LINE LEGEND

- GRAVITY DRAIN LINES
- CLEAN-OUT LINES

THIS DRAWING WAS 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

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

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