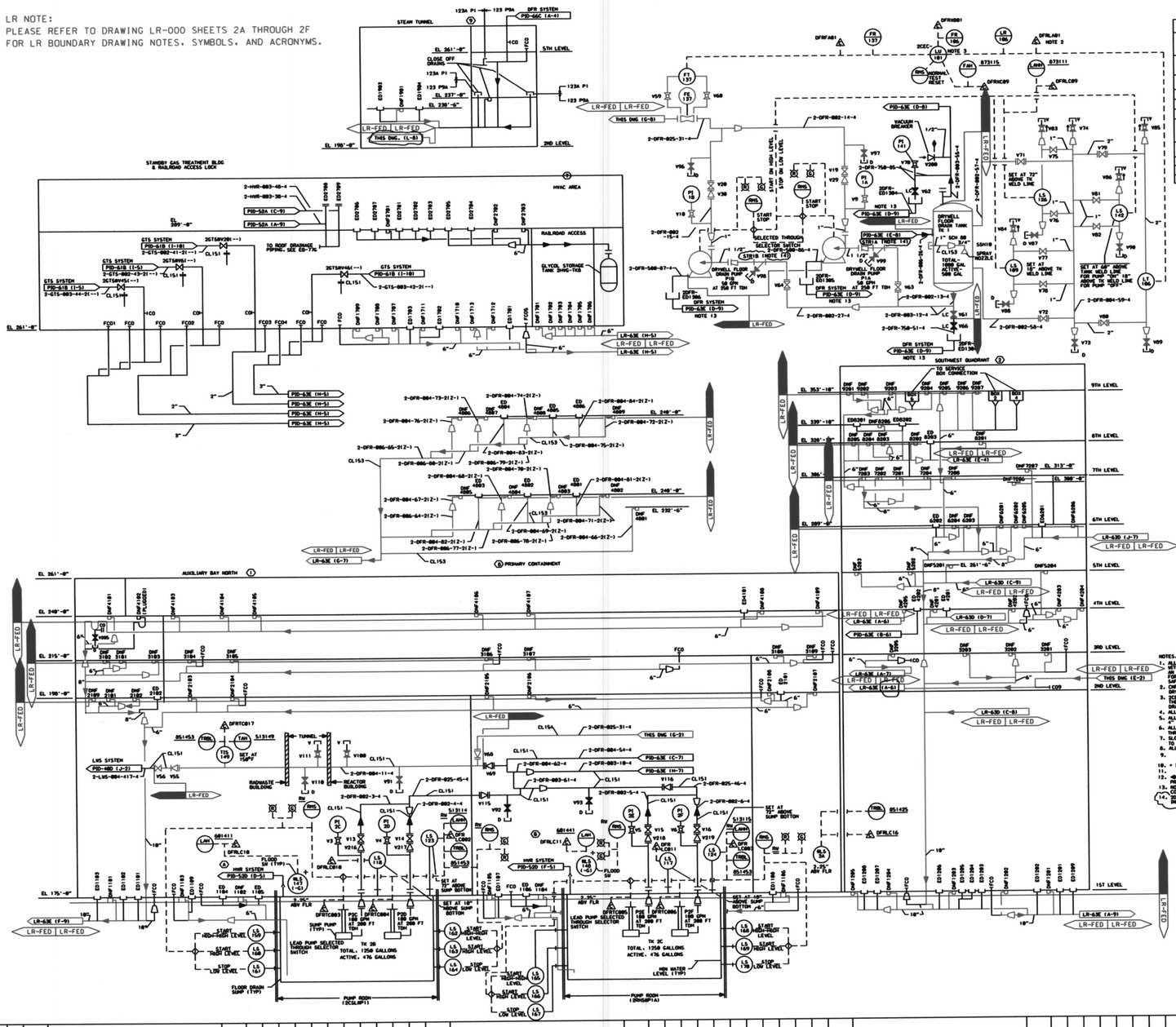
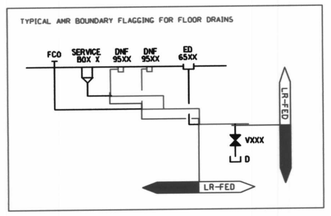
LR-63C-0

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

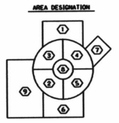


MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V3,4,5,6,9,10 V24,25,28,29,34 V63,64,80,86 V108,111	VGT060-B-4	3/4"	16
V13,14,15,16,19 V20,22,53,54,71,72 V78,80 V79,80	VCF015-F-4R	2"	12
V29,30	VC1015-F-4	2"	2
V55,69	VC2015-F-4	4"	2
V56	VC4015-G-4K	4"	1
V68,115,116	VC3015-F-4	2 1/2"	3
V61,62,66,72 V82,83,84,85,91 V92,93,94,95,96 V98,116	VGT060-B-4	3/4"	16
V73,75,77,78 V81,82	VGT060-B-4	1"	6
V288	VC5060-C-4	1/2"	1
V285	VC5060-C-4	3/4"	1
V216,217,218,219	VCF012-H-4F	2"	4

TYPICAL AMR BOUNDARY FLAGGING FOR FLOOR DRAINS



AREA DESIGNATION



DRAIN IDENTIFICATION CODE:

EXAMPLE:

DNF 2 1 04
FLOOR DRAIN — FLOOR LEVEL — AREA DESIGNATION — DRAIN NO.

AREA DESIGNATION	AREA DESCRIPTION
1	AUXILIARY BAY NORTH
2	SOUTHWEST QUADRANT
3	NORTHWEST QUADRANT
4	NORTHEAST QUADRANT
5	SOUTHEAST QUADRANT
6	AUXILIARY BAY SOUTH
7	STANDBY GAS TREATMENT
8	PRIMARY CONTAINMENT
9	STEAM TUNNEL

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. CAPTO TO GENERATE ALRM ON LOW-LOW LEVEL IN THE DRYWELL FLOOR DRAIN TANK.
3. 2DFR-ED130A IS THE PROGRAMMABLE CONTROLLER WHICH IS COMMON TO THE DRYWELL FLOOR DRAIN SYSTEM AND THE DRYWELL EQUIPMENT DRAIN SYSTEM.
4. ALL PIPING IS CLASS 123 UNLESS OTHERWISE NOTED.
5. ALL FLOOR AND EQUIPMENT DRAINS AND DRAIN LINES ARE 4" EXCEPT WHERE A DIFFERENT SIZE IS SHOWN.
6. ALL LINES TO BE SELF-VENTING AND ENTER MANIFOLDS THRU "Y" FITTINGS.
7. SLOPE ALL DRAIN LINES 1/16" PER FT. MINIMUM TO SUMPS.
8. ALL PRESSURE, VENT & DRAIN CONNECTIONS SHALL BE 3/4".
9.
10. * INDICATES INSTRUMENTS LOCATED AWAY FROM TANK OR SUMP.
11.
12. INDICATES DISSIMILAR WELD AND/OR SPECIAL WELD PROCEDURE
13. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
14. 2DFR-STR1A AND STR1B STRAINER ELEMENTS SHOULD BE PERMANENTLY INSTALLED DURING ALL MODES OF PLANT OPERATION.

AREA LEGEND
(A) PUMP ROOM (2CSLWP1)
(B) PUMP ROOM (2RHSWP1A)

LINE LEGEND
GRAVITY DRAIN LINES
CLEAN OUT LINES

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

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

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-63C-0

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

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