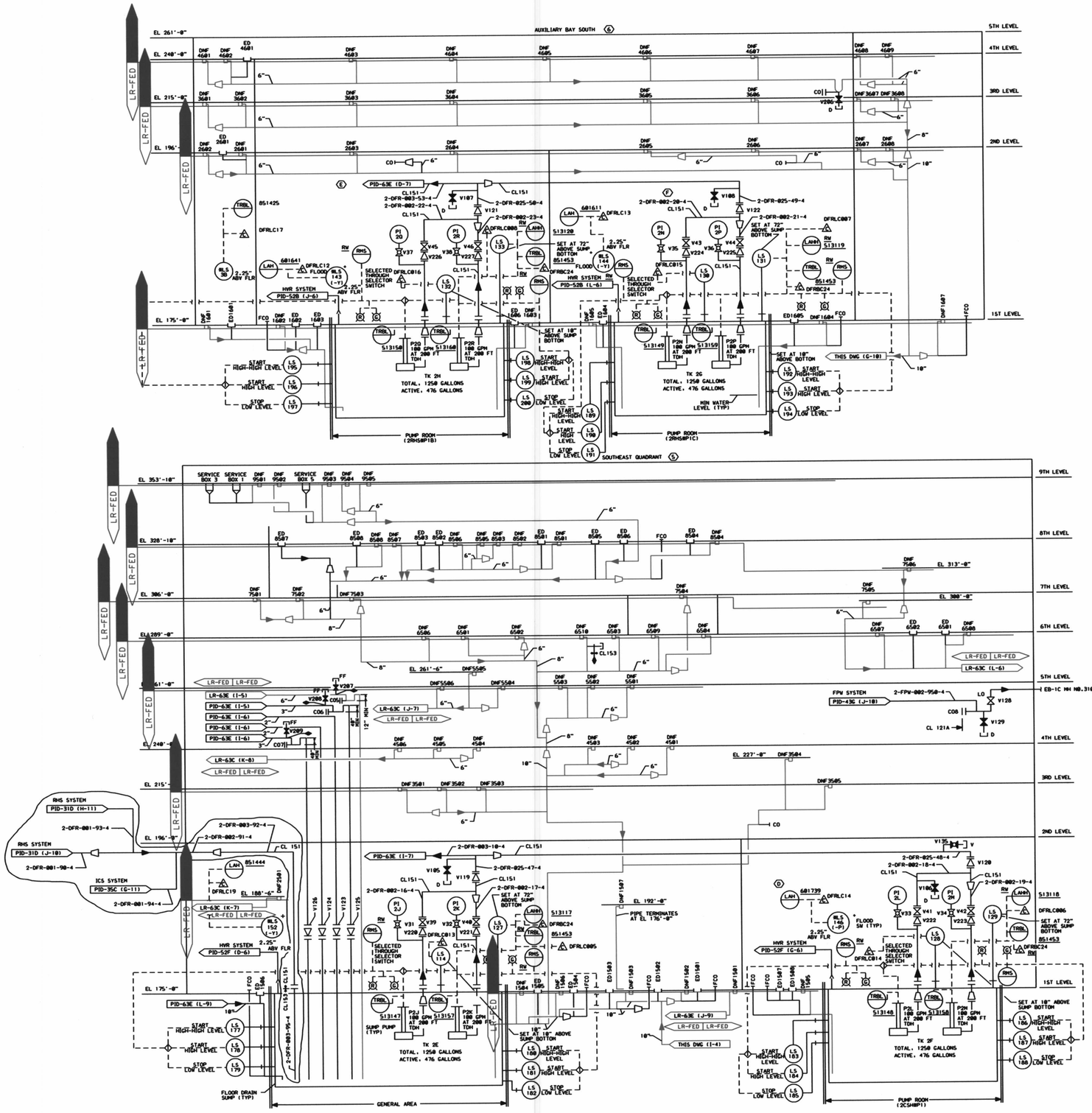


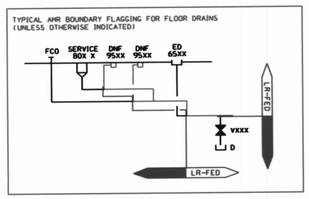
MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V206	VGS060-C-4	3/4"	1

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V31,32,33,34 V35,36,37,38,135	VGT060-B-4	3/4"	9
V39,40,41,42 V43,44,45,46	VGF015-F-4R	2"	8
V123,124	VC1015-F-4	2"	2
V105,106,107,108 V129	VGT060-B-4	3/4"	5
V119,120,121,122	VC1015-F-4	2-1/2"	4
V125,126	VC1015-F-4	3"	2
V128	VCW015-P-4K	4"	1
V207,208,209	VGS060-D-4	1"	3
V229,221,222,223 V224,225,226,227	VCF012-H-4F	2"	8

TABULATION OF DFR EQUIPMENT DRAINS.

2DFR-ED	ELEV.	DRAIN LINES	PID-	2DFR-ED	ELEV.	DRAIN LINES	PID-	2DFR-ED	ELEV.	DRAIN LINES	PID-
1101	175'-0"	2-CCP-001-422-4	13C	1411	175'-0"	2-HVR-150-41-4	52C	2701	289'-0"		
1102	175'-0"	2-CCP-001-421-4	13C			2-SWP-001-708-4	11P	2702	289'-0"		
1103	175'-0"	2-CCP-001-423-4	13C	1412	175'-0"	2-RHS-750-363-4	31D	2703	289'-0"		
1104	175'-0"	2-HVR-002-7-4	52C			2-RHS-750-367-4	31D	2704	289'-0"		
		2-SWP-001-547-4	11C	1413	175'-0"			2705	289'-0"		
1105	175'-0"	2-CSL-002-15-4	32A	1501	175'-0"			2706	289'-0"		
		2-CSL-750-21-4	32A	1502	175'-0"	2-HVR-002-18-4	52C	2707	289'-0"		
		2-CSL-750-36-4	32A			2-SWP-001-835-4	11G	2708	289'-0"	2-HVR-003-48-4	52A
		2-CSL-125-60-4	32A	1503	175'-0"			2709	289'-0"	2-HVR-003-38-4	52A
1106	175'-0"	2-HVR-150-1-4	52C	1504	175'-0"	2-HVR-150-14-4	52C				
		2-HVR-150-4-4	52C			2-SWP-001-837-4	11G	3301	215'-0"		
		2-SWP-001-753-4	11L	1505	175'-0"			3302	215'-0"		
		2-SWP-001-782-4	11L	1506	175'-0"	2-DER-001-44-4	63A				
1107	175'-0"	2-CCP-001-417-4	13E			2-DER-001-45-4	63A	4101	248'-0"	2-HVR-150-22-4	52C
		2-RHS-750-17-4	31F	1507	175'-0"	2-DER-001-237-4	63A			2-HVR-150-23-4	52C
		2-RHS-002-19-4	31F			2-CSH-750-22-4	33B			2-SWP-001-409-4	11C
		2-RHS-580-157-4	31F			2-CSH-002-23-4	33B			2-SWP-001-473-4	11C
		2-RHS-750-361-4	31D			2-CSH-580-24-4	33B				
		2-RHS-750-365-4	31D	1508	175'-0"	2-CSH-750-186-4	33B	4201	248'-0"		
		2-RHS-750-393-4	31F			2-HVR-002-9-4	52C	4202	248'-0"	2-SWP-001-905-4	11H
1108	175'-0"	2-RHS-002-93-4	31D			2-SWP-001-832-4	11P			2-HVT-002-19-4	56C
		2-RHS-001-97-4	31D	1601	175'-0"	2-CCP-001-577-4	13A	4301	248'-0"		
		2-RHS-001-299-4	31D			2-CCP-001-583-4	13E	4401	248'-0"		
		2-RHS-750-376-4	31D			2-RHS-002-113-4	31E				
		2-SWP-006-707-4	11C			2-RHS-750-278-4	31E	4601	248'-0"	2-HVR-150-24-4	52C
1109	175'-0"	2-CSL-001-62-4	32A			2-RHS-001-298-4	31E			2-HVR-150-25-4	52C
		2-HVR-002-8-4	52C			2-RHS-750-347-4	31E			2-SWP-001-841-4	11F
		2-SWP-001-959-4	11C			2-SWP-006-707-4	11P			2-SWP-001-845-4	11F
1201	175'-0"	2-DER-001-58-4	63B	1602	175'-0"	2-HVR-150-3-4	52C	4801	248'-0"		
		2-DER-002-218-4	63B			2-HVR-150-6-4	52C	4802	248'-0"	2-CCP-150-660-4	13B
		2-DER-001-230-4	63B			2-RHS-750-383-4	31E	4803	248'-0"		
1202	175'-0"	2-DER-002-59-4	63B	1603	175'-0"	2-CCP-001-376-4	13E	4804	248'-0"		
1203	175'-0"	2-DER-580-185-4	63B			2-RHS-750-37-4	31E	4805	248'-0"		
1204	175'-0"	2-DER-580-187-4	63B			2-RHS-002-39-4	31E	4806	248'-0"		
1205	175'-0"	2-HVR-150-13-4	52C			2-RHS-580-15-4	31E				
		2-SWP-001-795-4	11P			2-SWP-001-399-4	11P	5301	261'-0"		
1206	175'-0"					2-SWP-001-801-4	11P	5302	261'-0"	2-IAS-750-731-4	19G
1207	175'-0"	2-RHS-750-356-4	31G			2-RHS-750-397-4	31E				
		2-RHS-750-357-4	31G	1604	175'-0"	2-RHS-750-68-4	31G	6201	289'-0"		
1208	175'-0"					2-RHS-002-62-4	31G	6202	289'-0"		
1209	175'-0"					2-RHS-580-122-4	31G				
						2-RHS-750-395-4	31G	6301	289'-0"	2-SFC-025-179-4	
1301	175'-0"					2-RHS-001-384-4	31G	6302	289'-0"		
1302	175'-0"			1605	175'-0"	2-CCP-001-375-4	13E	6303	289'-0"	2-IAS-750-718-3	19D
1303	175'-0"	2-HVR-150-12-4	52C			2-HVR-150-2-4	52C			2-IAS-750-754-3	19D
		2-SWP-001-785-4	11P			2-HVR-150-5-4	52C			2-IAS-750-558-4	19D
1304	175'-0"					2-SWP-001-812-4	11G			2-IAS-750-641-4	19D
1305	175'-0"					2-SWP-001-817-4	11G			2-IAS-750-743-4	19D
1306	175'-0"	2-CCP-001-373-4	13E								
1307	175'-0"			1606	175'-0"	2-CCP-001-580-4	13E	6501	289'-0"		
1308	175'-0"							6502	289'-0"		
1309	175'-0"			1701	261'-0"	2-HVR-150-46-4	52C				
						2-SWP-001-792-4	11M	8201	339'-10"	2-SFC-750-324-4	38D
1401	175'-0"	2-CCP-001-416-4	13E	1702	261'-0"	2-HVR-150-47-4	52C			2-SFC-750-343-4	38D
		2-DER-580-26-4	67A			2-SWP-001-794-4	11P	8202	339'-10"	2-SFC-750-344-4	38D
		2-DER-580-29-4	67A							2-SFC-750-344-4	38D
1402	175'-0"	2-HVR-150-11-4	52C								
		2-SWP-001-787-4	11P					8401	328'-10"	2-WCS-001-289-4	37D
1403	175'-0"	2-DER-001-21-4	67A					8402	328'-10"	2-WCS-001-292-4	37D
1404	175'-0"			1903	238'-6"						
1405	175'-0"	2-CCP-001-412-4	13E	1904	238'-6"	2-SWP-001-918-4	11H	8501	328'-10"	2-WCS-001-295-4	37E
1406	175'-0"	2-DER-580-184-4	63A			2-HVT-002-28-4	56C	8502	328'-10"	2-WCS-001-299-4	37E
1407	175'-0"	2-DER-580-186-4	63A	2101	198'-0"	2-HVR-150-15-4	52C	8503	328'-10"	2-WCS-001-285-4	37F
1408	175'-0"	2-SWP-001-751-4	11L			2-SWP-001-751-4	11L	8504	328'-10"	2-WCS-001-282-4	37F
		2-ICS-750-127-4	35D					8505	328'-10"		
1409	175'-0"	2-ICS-001-49-4	35D	2102	198'-0"	2-SWP-003-103-4	11D	8506	328'-10"		
		2-ICS-750-136-4	35D					8507	328'-10"		
		2-ICS-750-485-4	35C	2601	196'-0"	2-HVR-150-16-4	52C	8508	328'-10"		
		2-ICS-001-125-4	35D			2-SWP-001-797-4	11P				
		2-ICS-001-154-4	35D					9401	353'-10"	2-DCS-001-14-4	102A
1410	175'-0"	2-ICS-750-126-4	35D								

TYPICAL AHR BOUNDARY FLAGGING FOR FLOOR DRAINS (UNLESS OTHERWISE INDICATED)



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. FOR AREA DESIGNATION, SEE PID-63C (M-6)
10. DENOTES DISSIMILAR METAL WELD.
11.
12. FF DENOTES FLUSH & FILL CONN.

AREA LEGEND

- (D) PUMP ROOM (2CSHMP1)
- (E) PUMP ROOM (2RHSMP1B)
- (F) PUMP ROOM (2RHSMP1C)
- (K) SERVICE BOX

LINE LEGEND

- GRAVITY DRAIN LINES
- CLEAN OUT LINES

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

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

NON-SAFETY RELATED
SAFETY RELATED
QUALITY RELATED
(REF. SAR FIG. 9.3-9d)

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-63D-0

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

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