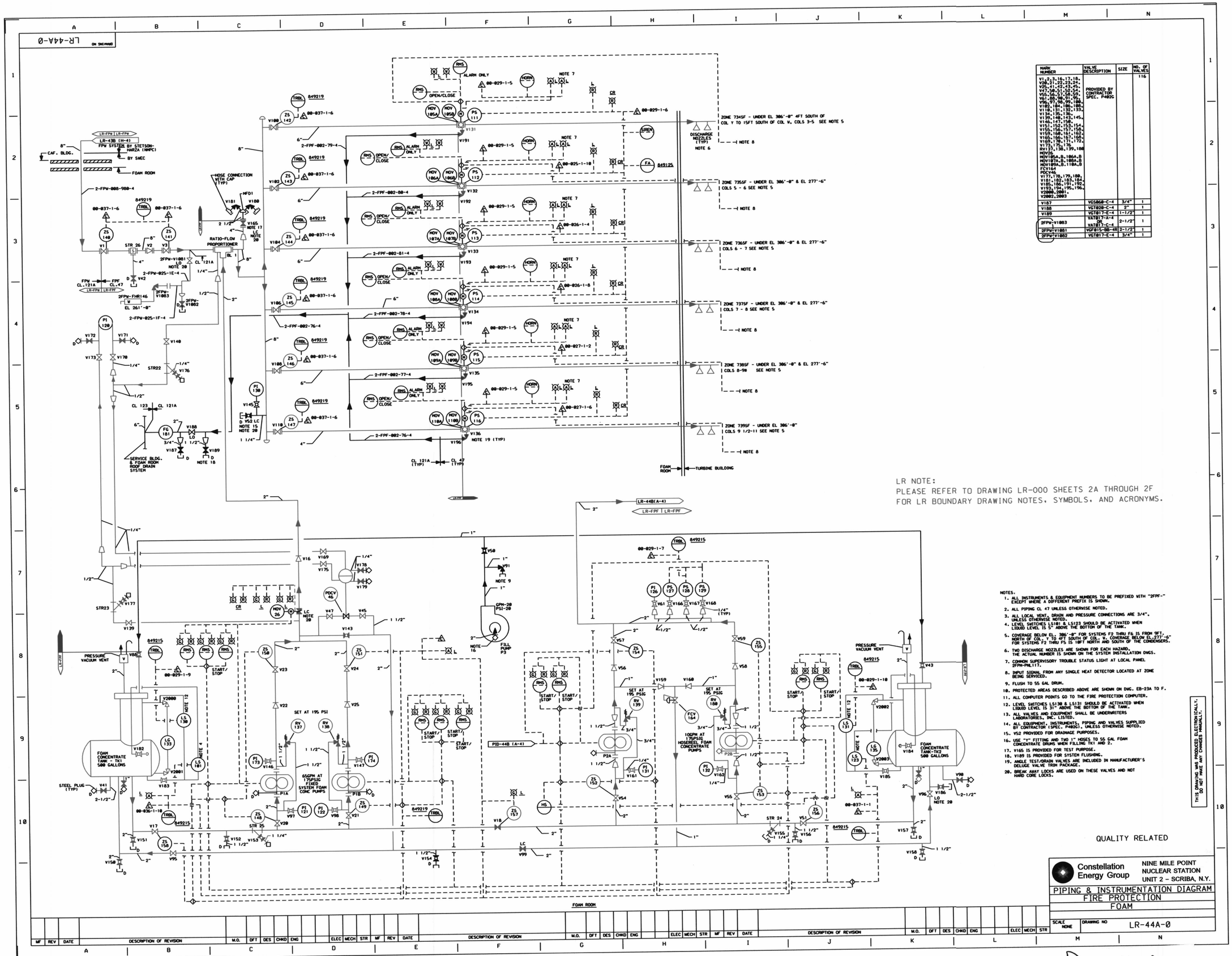

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V1,2,3,16,17,18, V20,21,22,23,24, V25,41,42,43,45, V47,48,51,52,54, V55,56,57,58,59, V61,89,90,91,92, V96,97,98,99,100, V102,104,180,183, V110,131,132,133, V134,135,136, V139,140,143,145, V146,147,148, V151,152,153,154, V155,156,157,162, V159,160,161,164, V165,166,167,168, V169,170,171,172, V173,174,176, RV137,138,139,186	PROVIDED BY CONTRACTOR SPEC. P480C		116
MOV26, MOV105A,B,106A,B MOV107A,B,108A,B MOV109A,B,110A,B FCV164, PDCV46			
V177,178,179,180, V181,182,183,184, V185,186,191,192, V193,194,195,196, V2000,2001, V2002,2003			
V187	VC5860-C-4	3/4"	1
V188	VGT029-C-4	2"	1
V189	VGT017-E-4	1-1/2"	1
2FPW-V1883	VAT017-A-4 OR VAT017-C-4	2-1/2"	1
2FPW-V1881	VGF015-B8-4R	2-1/2"	1
2FPW-V1882	VGT017-E-4	3/4"	1

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

NOTES.

1. ALL INSTRUMENTS & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2FPF-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
2. ALL PIPING CL 47 UNLESS OTHERWISE NOTED.
3. ALL LOCAL VENT, DRAIN AND PRESSURE CONNECTIONS ARE 3/4". UNLESS OTHERWISE NOTED.
4. LEVEL SWITCHES LS181 & LS123 SHOULD BE ACTIVATED WHEN LIQUID LEVEL IS 5" ABOVE THE BOTTOM OF THE TANK.
5. COVERAGE BELOW EL. 306'-0" FOR SYSTEMS F2 THRU F6 IS FROM 9FT. NORTH OF COL. Y TO 4FT SOUTH OF COL. W. COVERAGE BELOW EL.277'-6" FOR SYSTEMS F2 THRU F5 IS 18FT NORTH AND SOUTH OF THE CONDENSERS.
6. TWO DISCHARGE NOZZLES ARE SHOWN FOR EACH HAZARD. THE ACTUAL NUMBER IS SHOWN ON THE SYSTEM INSTALLATION DWGS.
7. COMMON SUPERVISORY TROUBLE STATUS LIGHT AT LOCAL PANEL 2FPH-PNL117.
8. INPUT SIGNAL FROM ANY SINGLE HEAT DETECTOR LOCATED AT ZONE BEING SERVICED.
9. FLUSH TO 55 GAL DRUM.
10. PROTECTED AREAS DESCRIBED ABOVE ARE SHOWN ON DWG. EB-23A TO F.
11. ALL COMPUTER POINTS GO TO THE FIRE PROTECTION COMPUTER.
12. LEVEL SWITCHES LS130 & LS131 SHOULD BE ACTIVATED WHEN LIQUID LEVEL IS 31" ABOVE THE BOTTOM OF THE TANK.
13. ALL VALVES AND EQUIPMENT SHALL BE UNDERWRITERS LABORATORIES, INC. LISTED.
14. ALL EQUIPMENT, INSTRUMENTS, PIPING AND VALVES SUPPLIED BY CONTRACTOR (SPEC. P480D1), UNLESS OTHERWISE NOTED.
15. V52 PROVIDED FOR DRAINAGE PURPOSES.
16. USE "Y" FITTING AND TWO 1" HOSES TO 55 GAL FOAM CONCENTRATE DRUMS WHEN FILLING TK1 AND 2.
17. V165 IS PROVIDED FOR TEST PURPOSE.
18. V189 IS PROVIDED FOR SYSTEM FLUSHING.
19. ANGLE TEST/DRAIN VALVES ARE INCLUDED IN MANUFACTURER'S DELUGE VALVE TRIM PACKAGE.
20. BREAK AWAY LOCKS ARE USED ON THESE VALVES AND NOT HARD CORE LOCKS.

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

QUALITY RELATED

Constellation Energy Group

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

PIPING & INSTRUMENTATION DIAGRAM
FIRE PROTECTION
FOAM

SCALE NONE | DRAWING NO LR-44A-0

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

...\LR-044_a.DGN 5/17/2004 3:56:15 PM

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