



MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V302, 353, 353	VGF015-BB-4R	4"	7
V395, 418, 718	VAT017-A-4	2 1/2"	16
V326, 329, 330 V332, 333, 334 V335, 701, 702 V703, 704, 705 V706, 707, 708 V709	VGT017-E-4	3/4"	15
V344, 345, 347, 348 V713, 714, 723, 726 V721, 726, 765, 765 V766, 767, 774	VGF015-BC-4R	6"	9
V357, 716, 717 V718, 719, 720 V721, 762, 770	SUPPLIED BY CONTRACTOR SPEC P402X		23
V691, 692, 693, V695, 696, 697, V971, 971A, 972, V974, 975, 976, V975, 975A, 975F, V977A, 1029, 2060, V980A, 981B			
V724, 725, 740 V741, 761	VDT030-A-4	3/4"	5
V811, 812	VGS060-C-4	3/4"	2

ASSOCIATED EQUIPMENT MARK NUMBERS			
VALVE NUMBER	VALVE TYPE	PRESSURE SWITCH	ACTUATION
V975	PREACTION	PS820	MOV678A,B
V976	ALARM CHECK	PS821	MOV679A,B
V977	DELUGE	PS822	---
V971	ALARM CHECK	PS824	---
V972	ALARM CHECK	PS823	---
V973	ALARM CHECK	PS825	---

VALVE NUMBER	LOW PRESSURE AIR SWITCH
V975	PS828

- NOTES:
1. ALL INSTRUMENTS AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "FPW" EXCEPT WHERE NOTED.
 2. WHERE POSSIBLE, ALL VALVES ARE UNDERWRITER'S LABORATORY INC. LISTED.
 3. VALVES MARKED (A) SHALL BE PROVIDED WITH POSITION SWITCHES TO SUPERVISE FULL OPEN.
 4. ALL PIPING IS CL121A EXCEPT WHERE OTHERWISE NOTED.
 5. LOCAL VENT AND DRAIN CONNECTIONS ARE 3/4" EXCEPT WHERE OTHERWISE NOTED.
 6. HOSE STATIONS HAVE 3/12" X 1-1/2" HOSE REDUCERS AFTER ANGLE VALVE TO ACCEPT THE 1-1/2" HOSE STATION.
 7. MOV678A,B AND 679A,B ARE ACTUATING VALVES FOR THEIR ASSOCIATED DELUGE VALVES.
 8. INPUT FROM ANY SINGLE SMOKE DETECTOR FROM ASSOCIATED ZONE.
 9. INPUT FROM ANY SINGLE HEAT DETECTOR FROM ASSOCIATED ZONE.
 10. COMMON SUPERVISORY TROUBLE ANNUNCIATOR AT P849 FOR EACH LOCAL PANEL.
 11. COMMON FIRE ANNUNCIATOR AT P849 FOR EACH LOCAL PANEL.
 12. POSITION SWITCH NOT REQUIRED FOR FPW-V720.
 13. ANGLE DRAIN VALVES ARE INCLUDED IN MANUFACTURERS DELUGE, ALARM CHECK OR DRY PIPE VALVE TRIP PACKAGE.

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

QA CAT III

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

FIRE PROTECTION - WATER

SCALE: DRAWING NO. LR-43H-0

REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	WF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR		
A																								
B																								
C																								
D																								
E																								
F																								
G																								
H																								
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