



DELUGE VALVE LIST

NEW VALVE No.	OLD VALVE No.	LOCATION	ELEVATION	SERVICE
V76-DV-200	102	COL. B. 19	EL. 235'-0"	HEAVY OIL STORAGE-WTR SPRINKL. SYS. (WLI)
205	102	COL. A. 7-R	EL. 238'-0"	HEAVY OIL STORAGE-WTR SPRINKL. SYS. (WLI)
202	103	"	"	MAIN TRANSFORMER WATER SPRAY
203	104	"	"	AUX. TRANS. WATER SPRAY & WATER CURTAIN
100	105	COL. C. 2-A	EL. 258'-0"	HEAVY OIL STORAGE-WTR SPRINKL. SYS. (WLI)
204	106	COL. A. 7-B	EL. 238'-0"	AIR DETACHMENT UNIT WATER SPRAY
201	101	COL. A. 1-3	EL. 235'-0"	TURBINE BLDG. WATER SPRAY
201	109	COL. C. 1-A	EL. 258'-0"	STOCKROOM WATER SPRAY (ALARM VALVE)
201	110	"	"	START-UP TRANSFORMER 3B
208	111	COL. A. 7-R	EL. 238'-0"	TURBINE BLDG. LOADING BAY SPRINKLERS
V76-410	112	COL. D. 4 S	EL. 256'-0"	DIESEL GENERATOR IA
V76-411	113	COL. D. 5 A	"	"
V76-DV-211	114	COL. A. 4-2	EL. 234'-0"	REACTOR BLDG. CABLE PENET. & NW CORNER EL. 232 SPRINKLERS
300	115	COL. L. 1-7-B	EL. 284'-0"	RECIRC. MG SET ROOM
V76-DV-601	116	COL. B	252'	SPRINKLER SYSTEM CONSTRUCTION OFFICE
V76-DV-419	117	COL. C. 2-A	252'	STOCKROOM/OFFICE AREA
V76-DV-500	118	COL. C. 2-A	252'	SOUTH WAREHOUSE

PIPING LINE LIST

LINE No.	LINE SIZE	PIPE SCH.	MATL.	PSIG	TEMP.	LOCATION
FP-4	3/4"	STD	A53-B	175	100F	G-2
FP-5	8"	"	"	"	"	H-1
FP-6	8"	"	"	"	"	H-5
FP-7	6"	"	"	"	"	G-7, G-9
FP-8	6"	"	"	"	"	H-7
FP-9	2 1/2"	"	"	"	"	H-8
FP-10	4"	"	"	"	"	G-6, G-5, E-5
FP-11	3/4"	"	"	"	"	E-4, E-3
FP-12	5"	"	"	"	"	E-3
FP-13	4"	"	"	"	"	G-5
FP-14	8"	"	"	"	"	G-5
FP-15	4"	"	"	"	"	G-8
FP-16	3"	"	"	"	"	E-5
FP-17	3"	"	"	"	"	E-10
FP-18	3"	"	"	"	"	G-9
FP-19	4 1/2"	40	A53-B	150	150	D-6, E-6
FP-20	6"	"	"	"	"	C-6
FP-21	4 1/2"	"	"	"	"	A-7, B-7
FP-22	2 1/2"	"	"	"	"	B-5, D-5
FP-23	4 1/2"	"	"	"	"	F-8
FP-24	2"	"	"	"	"	"
FP-25	4"	"	"	"	"	"
FP-26	4"	"	"	"	"	"
FP-27	4"	"	"	"	"	"
FP-28	4"	"	"	"	"	"
FP-29	4"	"	"	"	"	"
FP-30	4"	"	"	"	"	"
FP-31	4"	"	"	"	"	"
FP-32	4"	"	"	"	"	"
FP-33	4"	"	"	"	"	"
FP-34	4"	"	"	"	"	"
FP-35	4"	"	"	"	"	"
FP-36	4"	"	"	"	"	"
FP-37	4"	"	"	"	"	"
FP-38	4"	"	"	"	"	"
FP-39	4"	"	"	"	"	"
FP-40	4"	"	"	"	"	"
FP-41	4"	"	"	"	"	"
FP-42	4"	"	"	"	"	"
FP-43	4"	"	"	"	"	"
FP-44	4"	"	"	"	"	"
FP-45	4"	"	"	"	"	"
FP-46	4"	"	"	"	"	"
FP-47	4"	"	"	"	"	"
FP-48	4"	"	"	"	"	"
FP-49	4"	"	"	"	"	"
FP-50	4"	"	"	"	"	"
FP-51	4"	"	"	"	"	"
FP-52	4"	"	"	"	"	"
FP-53	4"	"	"	"	"	"
FP-54	4"	"	"	"	"	"
FP-55	4"	"	"	"	"	"
FP-56	4"	"	"	"	"	"
FP-57	4"	"	"	"	"	"
FP-58	4"	"	"	"	"	"
FP-59	4"	"	"	"	"	"
FP-60	4"	"	"	"	"	"
FP-61	4"	"	"	"	"	"
FP-62	4"	"	"	"	"	"
FP-63	4"	"	"	"	"	"
FP-64	4"	"	"	"	"	"
FP-65	4"	"	"	"	"	"
FP-66	4"	"	"	"	"	"
FP-67	4"	"	"	"	"	"
FP-68	4"	"	"	"	"	"
FP-69	4"	"	"	"	"	"
FP-70	4"	"	"	"	"	"
FP-71	4"	"	"	"	"	"
FP-72	4"	"	"	"	"	"
FP-73	4"	"	"	"	"	"
FP-74	4"	"	"	"	"	"
FP-75	4"	"	"	"	"	"
FP-76	4"	"	"	"	"	"
FP-77	4"	"	"	"	"	"
FP-78	4"	"	"	"	"	"
FP-79	4"	"	"	"	"	"
FP-80	4"	"	"	"	"	"
FP-81	4"	"	"	"	"	"
FP-82	4"	"	"	"	"	"
FP-83	4"	"	"	"	"	"
FP-84	4"	"	"	"	"	"
FP-85	4"	"	"	"	"	"
FP-86	4"	"	"	"	"	"
FP-87	4"	"	"	"	"	"
FP-88	4"	"	"	"	"	"
FP-89	4"	"	"	"	"	"
FP-90	4"	"	"	"	"	"
FP-91	4"	"	"	"	"	"
FP-92	4"	"	"	"	"	"
FP-93	4"	"	"	"	"	"
FP-94	4"	"	"	"	"	"
FP-95	4"	"	"	"	"	"
FP-96	4"	"	"	"	"	"
FP-97	4"	"	"	"	"	"
FP-98	4"	"	"	"	"	"
FP-99	4"	"	"	"	"	"
FP-100	4"	"	"	"	"	"

- ### NOTES
- BRANCHES IN YARD FROM 12" MAIN TO HYDRANTS ARE TO BE 6" UNLESS OTHERWISE INDICATED.
 - ALL HYDRANTS TO HAVE 100' OF 2 1/2" WOMEN JACKET RUBBER LINED HOSE EXCEPT F-18 & F-10 WITH 200'.
 - ALL HOSE STATIONS TO HAVE AT LEAST 75' OF 1 1/2" WOVEN JACKET RUBBER OR LATEX LINED HOSE.
 - ALL HOSE CONNECTIONS TO BE 3/4" ABOVE FLOOR EXCEPT IN REACTOR BLDG.
 - ALL RISERS OFF MAIN HEADERS IN ALL BUILDINGS TO BE 2" UNLESS OTHERWISE NOTED.
 - ALL LINES TO REACTOR BUILDING HOSE RACKS ARE 1 1/2".
 - ALL UNDERGROUND PIPING TO BE A53-B BLACK STEEL, EXTERNAL COATED IN ACCORDANCE WITH CP-8 & CP-11. ALL ABOVE GROUND PIPING TO BE GALVANIZED A-53B (PIPE CODE CCS-3), A-120, OR PER CURRENT NFPA CODE. EXCEPT 10" FF-1R FLOW TEST LOOP IS S.S.
 - UNLESS OTHERWISE NOTED, ALL VALVES AND SPECIALTIES ARE PREFIXED BY SYSTEM No. (i.e. VALVE 203 IS V76-203; STEAMERS ARE PREFIXED WITH S; AND RELIEF VALVES WITH SR).
 - VALVES & SPECIALTIES WILL BE TAGGED FP-###
 - INSTRUMENT NUMBERS TO BE PREFIXED BY LUIS. EXAMPLE: PE-12A IS ACTUALLY PE115-12A. THE 115 MAY BE DROPPED FROM THE ACTUAL TAG FOR CLARITY.
 - REACTOR BLDG. SPARE 2 1/2" CONNECTIONS ARE AS FOLLOWS:
 - 2 1/2" OS & YGATE VALVE.
 - ON
 - TEST
 - OFF
 - INDICATES DETERMINE CHECK VALVE.
 - INDICATES BALL DRIP CHECK VALVE.
 - INDICATES BOUNDARIES OF VITAL (V) AND NON-VITAL FIRE WATER SUPPRESSION SYSTEM. ALTHOUGH THE ENTIRE FIRE SYSTEM IS NON-VITAL PORTIONS ARE TREATED AS OQA.
 - THE FOLLOWING VALVES HAVE TAMPER SWITCHES ATTACHED: V76-202, 212, 205, 206, 247, 248, 269, 270, 274, 287, 312, 322, 406, 407, 410 AND 418X.

REFERENCE DWGS.

LIST OF DRAWINGS	A-191134
VALVE & SPECIALTY LIST	B-191137
PIPING & INSTRUMENT SYMBOLS	G-191153
FIRE WATER PIPING	G-191197
YARD PIPING SH-1	G-191230
SERVICE BLDG. ADDITION	V76-20-002
BOILER ROOM SPRINKLER SYSTEM	S920-6039
START-UP TRANS. SPRINKLER PLANS	S920-441
MAIN LAUX. TRANS. SPRINKLER PLANS	S920-12984
TURBINE BUILDING LO RM SPRINKLER PLANS	S920-13025
TURBINE BLDG. SPRINKLER PLANS	SH-1&2
TURBINE BLDG. WATER CURTAIN	S920-5826-5864
STOCKROOM DELUGE VALVE PLANS	S920-6140
REACTOR BLDG. CABLE PENET. & DIESEL GEN. SPKLE. PLANS	S920-5863
TURBINE LOADING BAY SPKLE. PLANS	FL100KE
MG SET FOAM SYSTEM PLANS	S920-6176
REACTOR BLDG. FIRE HEADER PLANS	SHTS. 1 & 2
STOCKROOM/OFFICE AREA SPRINKLER PLAN	

ENTERTY
 LNUCLRGY NUCLLAR VLHROMNY YANKLL
 VERNON, VERMONT
 DRAWING TITLE
 FIRE PROTECTION SYSTEM
 INNER LOOP
 DRAWING NO.
 C-191163 SH.1

THIS IS AN FSAR DRAWING

COMPONENTS SUBJECT TO AMR

FIRE PROTECTION - WATER SYSTEM AMR-17

REVISIONS

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	3-29-05					

LRA-G-191163-SH-01-0
 ON FILE
 LRA-G-191163-SH-01-39.DGN
 UNDER FILE
 G-191163-SH-01-CALS-39.CAL