



LINE No.	LINE SIZE	SCH.	MATL.	PSIG.	TEMP.	LOCATION
FP-1	12"	STD	A53-B	175	100°F	E-3
FP-1A	6"					B-1
FP-1B						C-2
FP-1C						D-3
FP-1D						B-3
FP-1E						G-3
FP-1F						D-3
FP-1G						D-10
FP-1H						D-10
FP-1I						D-11
FP-1J						B-3
FP-1K						D-3
FP-1L						D-3
FP-1M						D-3
FP-1N						D-3
FP-1O						D-3
FP-1P						D-3
FP-1Q						D-3
FP-1R						D-3
FP-1S						D-3
FP-1T						D-3
FP-1U						D-3
FP-1V						D-3
FP-1W						D-3
FP-1X						D-3
FP-1Y						D-3
FP-1Z						D-3
FP-2	12"					E-3
FP-3	1"					D-3
FP-3A	6" 4"					D-E-3
FP-3B	1 1/2"					E-9
FP-4	12"					E-3
FP-4A	6"					G-3
FP-4B	6"					E-3
FP-4C	6"					E-3
FP-1B	12"	STD	A53-B	175	100°F	G-1150
FP-1B	10"	10S	SS-304	175	100°F	G-1150
FP-UF	8"	STD	A53 GR.B	175		6-8

HOSE RACK No.	OLD VALVE #	NEW VALVE #	LOCATION	ELEVATION	DESCRIPTION
B-1	FR-V2F	V76-240	COL.D-43	232'-0"	Rx. FEEDWATER PUMP ROOM
B-1	-V2F1	-241	"	"	DRAIN
B-2	-V2T	-259	COL.A-12	"	TURBINE ROOM-BASEMENT
B-2	-V2T1	-259	"	"	DRAIN
B-3	-V2G	-236	COL.D-13	"	TURBINE ROOM-BASEMENT
B-3	-V2G1	-237	"	"	DRAIN
B-4	-V2B	-216	COL.A-7	234'-0"	BASEMENT
B-4	-V2B1	-215	"	"	DRAIN
B-5	-V2K	-221	COL.E-8	232'-0"	BASEMENT L.P. WATER AREA
B-5	-V2K1	-228	"	"	DRAIN
B-6	-V2M	-212	COL.D-5	234'-0"	BASEMENT WATER TREATMENT AREA
B-6	-V2M1	-221	"	"	DRAIN
G-7	-V2N	-229	COL.E-13	252'-0"	GROUND FLOOR HP HEATER AREA
G-7	-V2N1	-238	"	"	DRAIN
G-8	-V2J	-229	COL.F-9	"	GROUND FLOOR WALKWAY
G-8	-V2J1	-230	"	"	DRAIN
G-9	-V2M	-211	COL.A-6	254'-0"	GROUND FLOOR WATER TREATMENT AREA
G-10	-V2M	-402	COL.D-9	256'-0"	GROUND FLOOR BOILER ROOM CORRIDOR
G-10	-V2M1	-403	"	"	DRAIN
G-11	-V2S	-408	COL.A-1	"	GROUND FLOOR WAREHOUSE
G-11	-V2S1	-409	"	"	DRAIN
G-12	-V2R	-400	COL.D-1	"	GROUND FLOOR MACHINE SHOP
G-12	-V2R1	-401	"	"	DRAIN
O-13	-V2T	-234	COL.F-12	276'-0"	TURBINE ROOM OPERATING FLOOR
O-13	-V2T1	-235	"	"	DRAIN
O-14	-V2U	-234	COL.A-12	"	TURBINE ROOM OPERATING FLOOR
O-14	-V2U1	-251	"	"	DRAIN
O-15	-V2P	-229	COL.A-6	"	TURBINE ROOM OPERATING FLOOR
O-15	-V2P1	-219	"	"	DRAIN
O-16	-V2L	-227	COL.E-7	"	TURBINE ROOM OPERATING FLOOR
O-16	-V2L1	-223	"	"	DRAIN
W-1	-V2S	-247	North Wall	252'-0"	SOUTH WAREHOUSE
NW-1	-	-423	D-1-C	265'-0"	NEW WAREHOUSE-E-OFFICE
NW-2	-	-424	"	256'-0"	"
NW-3	-	-425	B-1-D	256'-0"	" SOUTH WALL
NW-4	-	-426	AC-1D	256'-0"	"
NW-5	-	-427	AF-6	270'-0"	" W-OFFICE
NW-6	-	-428	1B-C	256'-0"	" CENTER

HOSE RACK No.	OLD VALVE #	NEW VALVE #	LOCATION	ELEVATION	DESCRIPTION
A-17	FP-V2D	V76-259	COL.B-15	252'-0"	LOCKER ROOM CORRIDOR
A-18	-V2C	-246	COL.E-15	"	HEALTH PHYSICS CORRIDOR
A-22	-V2W	-248	COL.D-17	"	CORRIDOR @ MEDICAL OFFICE
A-22	-V2W1	-249	"	"	DRAIN
A-19	-V2E	-255	COL.B-15	264'-0"	OFFICE AREA CORRIDOR
A-20	-V2B	-242	COL.F-16	264'-0"	CABLE VAULT / NS SETS / BATT. ROOM
A-20	-V2B1	-243	"	"	DRAIN
A-23	-V2A	-250	COL.D-17	"	CORRIDOR BY ELEC. TEL. OFFICE
A-23	-V2A1	-251	"	"	DRAIN
A-21	-V2A	-244	COL.F-16	276'-0"	CONTROL ROOM CORRIDOR
A-21	-V2A1	-245	"	"	DRAIN
A-24	-V27	-252	COL.D-16	"	TURBINE VIEWING GALLERY
A-24	-V271	-253	"	"	DRAIN

HOSE RACK No.	OLD VALVE #	NEW VALVE #	LOCATION	ELEVATION	DESCRIPTION
Rx-1	-	V76-305	COL.G-12	213'-0"	TORUS AREA-NW CORNER RM
Rx-2	-	-305	COL.L-11x	"	" " NE " "
Rx-3	-	-308	COL.L-8x	"	" " SE " "
Rx-4	-	-309	COL.H-8x	"	" " SW " "
Rx-5	-	-340	COL.L-9x	252'-0"	GROUND FLOOR BY EQUIP. MATCH
Rx-6	FR-V1B	-326	COL.L-12x	"	GROUND FL. BY N.E. CORNER MATCH
Rx-6	-	-345	COL.L-8x	220'-0"	1ST FL. BY EQUIPMENT MATCH
Rx-7	FR-V1B	-327	COL.H-11x	"	1ST FL. BY T.W. SHOP
Rx-7	-	-337	COL.L-9x	202'-0"	2ND FL. BY EQUIPMENT MATCH
Rx-8	FR-V1B	-328	COL.H-11x	"	2ND FL. WEST WALL
Rx-8	-	-319	COL.L-8x	318'-0"	3RD FL. BY EQUIPMENT MATCH
Rx-9	FR-V1D	-329	COL.H-11x	"	3RD FL. BY 'SLC
Rx-9	-	-320	COL.L-7x	345'-0"	4TH FL. BY SE STAIRWELL
Rx-14	FR-V1B	-328	COL.H-8x	"	4TH FL. S.W. CORNER
Rx-15	-	-334	COL.J-12x	"	4TH FL. - NORTH WALL

SEE SHEET 1 FOR NOTES & REFERENCE DWGS

12 REVISED PER VYDC 2000-007, JO 2000-041 9/8/01 LD ADP GSB 9/7/01

13 REVISED PER WOSE 2002-101 & JO 2002-002 8-17-03 JK WD DFG 8-19-03

REV DESCRIPTION BY CHD. APPD.

**YANKEE ATOMIC ELECTRIC COMPANY**  
20 TURNPIKE ROAD, WESTBORO, MASSACHUSETTS

**NUCLEAR SERVICES DIVISION**  
VERMONT YANKEE NUCLEAR POWER CORPORATION  
VERMONT YANKEE NUCLEAR POWER STATION  
VERNON, VERMONT

**FLOW DIAGRAM  
FIRE PROTECTION SYSTEM  
OUTER LOOP**

ISSUED BY DATE CHECKED BY DATE INEL. APPROVAL DATE CHD. REVIEW DATE

GENERAL ORDER NO. ACCOUNT NO. PLANT UNIT NO. CONTROLLER

6-191163 SH.2 of 2

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

FIRE PROTECTION - WATER SYSTEM AMRM-17

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	3-29-05					
REVISIONS						
LRA-G-191163-SH-02-0						
G-191163-SH-02_13.DGN						
G-191163-SH-02_13.TIF						

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