



PIPING LINE LIST						
LINE No.	LINE SIZE	PIPE SCH.	MATL.	DESIGN PSIG	TEMP	LOCATION
FP-1	12"	STD	A53-B	175	100°F	B-4
FP-1A	6"					C-4
FP-1B						D-8
FP-1C						D-8
FP-1D						D-8
FP-1E						D-3
FP-1F						D-3
FP-1G						D-10
FP-1H						D-10
FP-1I						D-11
FP-1J						D-11
FP-1K						D-11
FP-2	12"					D-3
FP-3	1"					D-3
FP-3A	6" x 4"					D-E-3
FP-3B	1 1/2"					E-9
FP-4	12"	DI				F-8
FP-4A	6"	DI				G-8
FP-4B	6"	DI				E-8
FP-4C	6"	DI				E-8
FP-1B	12"	STD	A53-B	NOTE 7	175	100°F
FP-1B	10"	10S	SS-304		175	100°F
FP-UF	6"	STD	A53	GR.B	175	

HOSE RACK & VALVE LIST						
HOSE RACK No.	OLD VALVE #	NEW VALVE #	LOCATION	ELEVATION	DESCRIPTION	REMARKS
B-1	FP-V2F	V76-240	COL. D-43	232'-0"	Rx. FEEDWATER PUMP ROOM	
B-1	-V2F1	-241	"	"	DRAIN	
B-2	-V2T	-258	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"	BASIN	
B-4	-V2B1	-215	"	"	DRAIN	
B-5	-V2A	-221	COL. E-8	232'-0"	BASEMENT L.P. HEATER AREA	
B-5	-V2A1	-228	"	"	DRAIN	
B-6	-V2M	-210	COL. D-5	234'-0"	BASIN-WATER TREATMENT AREA	
B-6	-V2M1	-221	"	"	DRAIN	
G-7	-V2N	-229	COL. E-13	252'-0"	GROUND FLOOR-WP. 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	256'-0"	GROUND FLOOR-WATER TREATMENT AREA	
G-10	-V2M	-402	COL. D-4	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	-V2P	-234	COL. F-12	276'-0"	TURBINE ROOM- OPERATING FLOOR	
O-13	-V2P1	-235	"	"	DRAIN	
O-14	-V2J	-234	COL. A-12	"	TURBINE ROOM- OPERATING FLOOR	
O-14	-V2J1	-231	"	"	DRAIN	
O-15	-V2P	-234	COL. A-6	"	TURBINE ROOM- OPERATING FLOOR	
O-15	-V2P1	-219	"	"	DRAIN	
O-16	-V2L	-222	COL. E-7	"	TURBINE ROOM- OPERATING FLOOR	
O-16	-V2L1	-223	"	"	DRAIN	
W-1	-V2S	-247	COL. A-1	252'-0"	SOUTH WAREHOUSE	
NW-1	-	-423	D-1-1C	265'-0"	NEW WAREHOUSE-E-OFFICE	
NW-2	-	-424	"	256'-0"	"	
NW-3	-	-425	B-1D	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 & VALVE LIST						
HOSE RACK No.	OLD VALVE #	NEW VALVE #	LOCATION	ELEVATION	DESCRIPTION	REMARKS
A-17	FP-V2D	V76-250	COL. B-15	252'-0"	LOCKER ROOM-CORRIDOR	
A-18	-V2Z	-246	COL. E-15	"	HEALTH PHYSICS CORRIDOR	
A-22	-V2W1	-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	-230	COL. D-17	"	CORRIDOR BY ELEC. TEL. OFFICE	
A-23	-V2A1	-231	"	"	DRAIN	
A-21	-V2A	-244	COL. F-16	276'-0"	CONTROL ROOM-CORRIDOR	
A-21	-V2A1	-245	"	"	DRAIN	
A-24	-V2T	-232	COL. D-16	"	TURBINE VIEWING GALLERY	
A-24	-V2T1	-233	"	"	DRAIN	

HOSE RACK & VALVE LIST						
HOSE RACK No.	OLD VALVE #	NEW VALVE #	LOCATION	ELEVATION	DESCRIPTION	REMARKS
Rx-1	-	V76-305	COL. G-12	213'-5"	TORUS AREA-NW CORNER RM	
Rx-2	-	-305	COL. I-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. HATCH	
Rx-10	FP-V18A	-326	COL. L-12x	"	GROUND FL. BY INE. CORNER ENCLOSURE	
Rx-6	-	-345	COL. L-8x	280'-0"	1ST FL. BY EQUIPMENT HATCH	
Rx-11	FP-V18B	-327	COL. H-11x	"	1ST FL. BY TWC SHOP	
Rx-7	-	-347	COL. L-9x	302'-0"	2ND FL. BY EQUIPMENT HATCH	
Rx-12	FP-V18C	-328	COL. H-11x	"	2ND FL. WEST WALL	
Rx-8	-	-349	COL. L-8x	318'-0"	3RD FL. BY EQUIPMENT HATCH	
Rx-13	FP-V18D	-329	COL. H-11x	"	3RD FL. BY SLC	
Rx-9	-	-320	COL. L-7x	345'-0"	4TH FL. BY SE STAIRWELL	
Rx-14	FP-V18E	-328	COL. H-8x	"	4TH FL. S.W. CORNER	
Rx-15	-	-344	COL. J-12x	"	4TH FL. - NORTH WALL	

SEE SHEET 1 FOR NOTES & REFERENCE DWGS

12  
REVISED PER VYDC 2000-007,  
JO 2000-041

9/6/01  
LD  
ADP

9/6/01  
GSB

9/7/01  
GSB

13  
REVISED PER WOSE 2002-101  
& JO 2002-002

8-17-03  
JK  
WD

8-17-03  
DFG

8-19-03  
DFG

REV

DESCRIPTION

BY

CHKD.

APPD.

YANKEE

YANKEE ATOMIC ELECTRIC COMPANY

20 TURNPIKE ROAD, WESTBORO, MASSACHUSETTS

NUCLEAR SERVICES DIVISION

VERMONT YANKEE NUCLEAR POWER OPERATION

VERMONT YANKEE NUCLEAR POWER STATION

VERMONT, VERMONT

FLOW DIAGRAM

FIRE PROTECTION SYSTEM

OUTER LOOP

TRANSMITTED BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

ORIGINAL DATE

ACCOUNT NO.

PLANT

DESIGN

CATEGORY

DESIGN NO.

REV NO.

6-19163

SH-2 of 2

SYSTEM INTENDED  
FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

FIRE PROTECTION - WATER  
SYSTEM AMRM-17

0 3-29-05

NO.

DATE

DESCRIPTION

BY

ENG

CHK

APP

REVISIONS

LRA-G-191163-SH-02-0

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