



LEGEND
 ▲ - ERFS COMPUTER DATA SYSTEM

NOTES:
 1. UNLESS OTHERWISE NOTED ALL VALVES AND INSTRUMENT NUMBERS TO BE PREFIXED BY SYSTEM NUMBER 20.
 FOR EXAMPLE FOR VALVE 74 ACTUAL TAGGING SHALL BE V20-74
 SYSTEM NO. 20
 VALVE DESIGNATION NO. 74
 FOR INSTRUMENT PI-95 ACTUAL TAGGING SHALL BE P1-20-95
 TYPE OF INSTRUMENT SYSTEM NO. INSTRUMENT DESIGNATION

2. [16] INDICATES LINE NUMBER UNLESS OTHERWISE NOTED ALL LINE NUMBERS TO BE PREFIXED BY RW(RADWASTE)

FOR EXAMPLE [16] FOR PIPING LINE LIST SEE DWG G-191272

3. FOR ALL OTHER NOTES SEE EBASCO DWG. FF NO. 5920-806 (GE DWG 730E496 SH. 1)

4. ALL AD VALVES TO FAIL CLOSE (FC) ON ELECTRICAL OR AIR SUPPLY FAILURE.

5. UNLESS OTHERWISE NOTED ALL CARBON STEEL PIPING SHALL BE CS-1 CLASS 160 STANDARD WALL FOR 2" & ABC JE. SCHED. 80 FOR 2" & SMALLER

6. [11A] [11B] [3A] [3B] ARE CS-1, CLASS 1, 2 PIPING.

7. RELIEF VALVE DISCHARGE TO BE DIRECTED TO ENSURE FLUID DISCHARGE COLLECTS IN SUMP.

8. ALL AOG LINES RATED FOR H2 DETONATION (LINE NUMBERS ENDING IN E) ARE RATED FOR A DESIGN PRESSURE OF 500 PSIG PER PROJ-95-164.

9. P-37-1A TO HAVE BEEN PREVIOUSLY RETIRED IN PLACE BY OTHERS. CONTROL SWITCHES 204-33A AND 204-33B HAVE BEEN REMOVED FROM CRP 3-4 BY MM 2000-48. FLOAT LEVEL SWITCHES LS111/IL-20-461 HAVE BEEN RETIRED IN PLACE BY MM 2000-48

REFERENCE DRAWINGS:
 PIPING AND INSTRUMENT SYMBOLS - G-191165
 TURBINE BUILDING - RISER DIAGRAMS - G-191665
 SH. 1 PLUMBING AND DRAINAGE
 REACTOR BUILDING - RISER DIAGRAMS - G-191671
 AND DETAILS PLUMBING AND DRAINAGE
 RADWASTE BUILDING - RISER DIAGRAMS - G-191673
 AND DETAILS PLUMBING AND DRAINAGE
 FUEL POOL FILTER DEMON. SYS. SH. 4 - G-19177
 RESIDUAL HEAT REMOVAL SYSTEM - G-19172
 PROCESS RADIATION MON. I.E.D. - 502C-526
 REACTOR WATER CLEANUP SYSTEM - G-19177
 CONTROL ROD DRIVE HYDRAULIC SYS. - G-19170
 REACTOR BLDG CLOSED C.W. SYS. & I.D. - G-19159
 FUEL POOL COOLING & CLEANUP SYS. - G-19173
 CONDENSATE & DEMINERALIZED WATER - G-19176
 TRANSFER SYSTEM.
 H. P. C. SYSTEM - G-191169
 R. C. I. SYSTEM - G-191174
 F. C. D. NUCLEAR BOILER VESSEL INSTR. - G-19267
 RADWASTE FUNCTIONAL CONTROL 5920-369
 DIAGRAM (4 SHEETS) - 1470
 2739
 HWAC - RADWASTE BUILDING - G-19254
 HWAC - HEATING FLOW DIAGRAM FULLER ROOM LAYOUT. G-19254
 HWAC - FLOW DIAGRAM RADWASTE BLDG. - G-19236
 FLOW DIAGRAM - CONDENSATE DEMON. - G-19274
 SYSTEM DIAG - SERVICE & INST. AIR SYS. - G-19160
 FLOW DIAG - CIRCULATING WATER & MISC. - G-19166
 SYSTEM.
 RADWASTE BUILDING PIPING SHEET 1 - G-19225
 FLOW DIAGRAM MISC. SYS. & I.D. - G-19164
 FLOW DIAGRAM POTABLE WATER - G-19260

TANK & PUMP DRAIN ARRANGEMENT

PUMP NO.	VALVE 1A"	VALVE 1B"	LOCATION
P-30-1A	1/4"	1/4"	(K-2) G-191274 (N-3) TURBINE
P-27-1A	3/4"	3/4"	(G-2) G-191177 SH. 2 (N-3) RADWASTE
P-31-1A	3/4"	3/4"	(G-2) SH. 3 (H-4)
P-32-1A	1/2"	3/4"	(J-1) (1-3)
P-35-1A	3/4"	3/4"	(P-3) (N-4)
P-36-1A	3/4"	3/4"	(E-4) (N-5)
P-67-1A	3/4"	3/4"	(G-3) (G-19) (G-191177 SH. 2 (H-2) REACTOR
P-25-1A	1/4"	V20-882	(G-2) G-191177 SH. 2 (H-2) REACTOR
P-33-1A	3/4"	3/4"	(G-2) G-191177 SH. 2 (G-3) REACTOR
P-34-1A	3/4"	3/4"	(H-2)

* ALL PUMP DRAINS & SEALS WHERE REQUIRED SHALL BE ROUTED TO EQUIPMENT OR FLOOR DRAIN SYSTEM IN ACCORDANCE WITH DESIGN SPEC. FOR RADIOACTIVE DRAIN SYSTEM AND NOT FLOW FREELY ACROSS THE FLOOR.

AS BUILT
 DATE: 12-13-72
 APP'D: [Signature]



- COMPONENTS SUBJECT TO AMR**
- RESIDUAL HEAT REMOVAL SYSTEM AMRM-02
 - PRIMARY CONTAINMENT PENETRATIONS AMRM-20

REPRODUCED FROM ORIGINAL GE DWG. 730E496

GENERAL ELECTRIC COMPANY
 ATOMIC POWER EQUIPMENT DEPARTMENT

VERMONT YANKEE NUCLEAR POWER CORPORATION
 VERMONT YANKEE NUCLEAR POWER STATION
 VERNON, VERMONT

FLOW DIAGRAM - RADWASTE SYSTEMS

REV.	DESCRIPTION	BY	CHKD.	APP'D.	DATE
39	REVISED PER MM 2004-007, JO 2004-0016	NL	WD	RJB	2-23-05
38	REVISED PER CU 2003-001	TB	WD	JGR	9-11-03

EBASCO SERVICES INCORPORATED NEW YORK

SCALE NONE
 DATE: [Blank]
 APP'D: [Signature]
G-191177
 SHEET 1 OF 4

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-G-191177-SH-01-0						
JOB FILE: LRA-G-191177-SH-01-38.DGN WATER FILE: G-191177-SH-01-38.TIF						

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