



- NOTES:**
- 1-ASTERISKS
* ITEM FURNISHED BY GE/APED
** VALVE FURNISHED BY PURCHASER
*** INSTRUMENT FURNISHED BY PURCHASER
 - 2-THE SAMPLING LINES START AFTER ROOT VALVE
 - 3-SAMPLING LINE SHALL SLOPE TOWARDS SAMPLE OUTLET WHEREVER POSSIBLE
 - 4-THE SAMPLING LINES CONNECTIONS SHALL BE MADE AT THE SIDE OF THE PIPE, NOT AT THE BOTTOM
 - 5-SAMPLING LINES SHALL BE STAINLESS STEEL TUBING 1/2" O.D. X .0049" WALL EXCEPT AS NOTED. FURNISHED BY PURCHASER
 - 6-THIS LINE SHALL BE RUN AS 1/2" O.D. X .0049" WALL STAINLESS STEEL TUBING 50 FEET AFTER SECOND ROOT VALVE BEFORE CONNECTION IS MADE TO ANY COOLER, INSTRUMENT LINE VALVE, OR REDUCTION TO 1/4" O.D. TUBING
 - 7-STEAM SAMPLE NOZZLE SHALL BE IN ACCORDANCE WITH EBASCO DWG. B-191266. SH. 3 FURNISHED BY PURCHASER
 - 8-STEAM SAMPLE CONDENSER SHALL BE LOCATED AS CLOSE TO SAMPLE POINT AS PRACTICAL
 - 9-INSTRUMENT TAGGING
INSTRUMENT IDENTIFICATION
PLANT SECTION
INSTRUMENT NUMBER
 - 10-ONLY INSTRUMENTATION SAMPLE AND GRAB SAMPLES GOING TO HOODED SINK ARE SHOWN ON THIS DIAGRAM. FOR OTHER LOCAL GRAB SAMPLES REFER TO PARTICULAR SYSTEM FLOW DIAGRAM.
 - 11-SAFETY CLASSIFICATION OF MAIN STEAM AND REACTOR FEEDWATER LINES IS SHOWN ON DRAWING G-191167.

- REFERENCE DRAWINGS**
- FLOW DIAGRAM-SAMPLING SYSTEM SH.2 G-191165
 - FLOW DIAGRAM-MAN EXTRACTION AND AUX. STEAM SYSTEMS G-191156
 - FLOW DIAGRAM-CONDENSATE FEEDWATER AND AIR EVACUATION SYSTEM G-191157
 - FLOW DIAGRAM-HEATER DRAIN AND VENT SYSTEM G-191158
 - FLOW DIAGRAM-CIRCULATING SERVICE AND COOLING WATER SYSTEMS G-191159
 - FLOW DIAGRAM-MAKEUP SYSTEM G-191161
 - FLOW DIAGRAM-MISC. SYSTEMS G-191162
 - PIPING & INSTRUMENT SYMBOLS G-191155
 - PIPING DIAGRAM-CORE SPRAY SYSTEM G-191168
 - FLOW DIAGRAM-NUCLEAR BOILER G-191167
 - FLOW DIAGRAM-ATMOSPHERIC CONTROL G-191175
 - FLOW DIAGRAM-REACTOR FUEL POOL COOLING & CLEANUP SYSTEM G-191173
 - FLOW DIAGRAM-REACTOR CORE ISOLATION COOLING SYSTEM G-191174
 - FLOW DIAGRAM-RADWASTE SYSTEM G-191177
 - INSTRUMENT INSTALLATION DETAILS G-191261
 - DESIGN SPECIFICATION FOR SAMPLING OF PROCESS FLUIDS & GASES

AS BUILT
DATE 12-12-72
APPROVED: [Signature]



VERMONT YANKEE NUCLEAR POWER CORPORATION
VERMONT YANKEE NUCLEAR POWER STATION
VERNON, VERMONT
FLOW DIAGRAM
SAMPLING SYSTEM-SHEET 1

REV	DESCRIPTION	BY	CHKD.	APPD.	DATE
23	REVISED PER CU ER 2003-1262	WD	NL	PAR	9-3-03
22	REVISED PER CU 2001-039	JNV	LP	JSR	6-18-01

9-3-03	9-4-03	9-9-03
WD	NL	PAR
9-18-01	6-18-01	6-18-01
JNV	LP	JSR

SCALE: NONE	DATE: 2/10/67
DRY: MECH	DATE: 2/10/67
CHKD: [Signature]	DATE: 2/10/67
APPD: [Signature]	DATE: 2/10/67

G-191164

SYSTEM INTENDED
FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

MAIN CONDENSER AND MSIV
LEAKAGE PATHWAY AMRM-26

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
1	11-15-05					

REVISIONS

LRA-G-191164-0

OLD FILE: LRA-191164-23.DGN

MASTER FILE: G-191164-23.TIF

THIS IS AN
FSAR
DRAWING