



- NOTES:**
- *-ASTERISKS IF ITEM FURNISHED BY GE/APED **IF VALVE FURNISHED BY PURCHASER *** INSTRUMENT FURNISHED BY PURCHASER
 - THE SAMPLING LINES START AFTER ROOT VALVE
 - SAMPLING LINE SHALL SLOPE TOWARDS SAMPLE OUTLET WHEREVER POSSIBLE
 - THE SAMPLING LINES CONNECTIONS SHALL BE MADE AT THE SIDE OF THE PIPE, NOT AT THE BOTTOM
 - SAMPLING LINES SHALL BE STAINLESS STEEL TUBING 1/2" OR 3/4" WALL EXCEPT AS NOTED. FURNISHED BY PURCHASER
 - THIS LINE SHALL BE RUN AS 1/2" O.D. X 0.065" WALL STAINLESS STEEL TUBING 30 FEET AFTER SECOND ROOT VALVE BEFORE CONNECTION IS MADE TO ANY COOLER. INSTRUMENT LINE VALVE, OR REDUCTION TO 1/4" O.D. TUBING.
 - STEAM SAMPLE NOZZLE SHALL BE IN ACCORDANCE WITH EBASCO DWG. D-191206. SH. 2 FURNISHED BY PURCHASER
 - STEAM SAMPLE CONDENSER SHALL BE LOCATED AS CLOSE TO SAMPLE POINT AS PRACTICAL
 - INSTRUMENT TAGGING INSTRUMENT IDENTIFICATION PLANT SECTION INSTRUMENT NUMBER
 - 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.
 - 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 DRAN 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



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 2003-1282	WD	NL	PAR	9-3-03
22	REVISED PER CU 2001-039	JNV	LP	JSR	6-18-01

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

MAIN CONDENSER AND MSIV LEAKAGE PATHWAY AMRM-26

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-G-191164-0						
G-191164						

D-22