



- NOTES: (CONTINUED SFF H-18)
- 9 ALL MOTOR AND SOLENOID VALVES ARE AC UNLESS OTHERWISE NOTED.
 - 10.
 11. (NOTE DELETED)
 12. (NOTE DELETED)
 13. TEE BRANCHES ARE INSTALLED ON THE OUTLET OF RELIEF VALVE DISCHARGE LINES. THE TEE BRANCH SUPPORTS ARE WELDED TO THE MAINS CIVIL UNDER.
 14. FOR RELIEF PUMP SHAFT VIBRATION MONITORING, EQUIPMENT SEE B-19150 CWD SH. 712.
 15. 3/4" TEST DRAIN AND VENT CAPS ARE OPTIONAL.
 16. UNLESS OTHERWISE NOTED, ALL PIPES DOWNSTREAM OF V60-24 INSTALLED BY MM 2000-051 SHALL BE AS35.P11.
 17. UNLESS OTHERWISE NOTED, ALL PIPES DOWNSTREAM OF V60-24 INSTALLED BY MM 20-001 SHALL BE AT02-111. HP: MM 2000-051.
 18. V60-24 PORT SIZE MAY NOT EXCEED 0.69" HP: MM 2000-051.
 19. SEE AP 6006 FOR SAFETY FUNCTION OF SV DISCHARGE TEE.

PIPING LINE LIST

LINE NO.	LINE SIZE	PIPE	DESIGN	DESIGN TEMP	DESIGN PRESS	DESIGN SPEC	LOC
MS-1A	18"	CS-5	1250	575	1.5R	D-10	
MS-4A	10"	CS-5	1250	575	1.1	A-8	
MS-5A	3"	CS-5	1250	575	1.1	B-11	
MS-7A-D	18"	CS-5	1250	575	1.1	D-11	
MSD-1	2"	CS-5	1250	575	1.6R		
MSD-2	3"	CS-5	1250	575	1.1	D-10	
MSD-3	3"	CS-5	1250	575	1.5R	D-10	
MSD-4	2 1/2"	CS-5	1250	575	1.6R	D-10	
MSD-5	3"	CS-5	1250	575	1.5R	D-10	
MSD-10	6"	CS-5	1250	575	1.5R	B-7	
MSD-11	2 1/2"	CS-5	1250	575	1.1		
MSD-12	2 1/2"	CS-5	1250	575	1.1		
MSD-13	2 1/2"	CS-5	1250	575	1.6R		
FDW 14/5	16"	CS-5	1900	400	1.4R	F-1	
FDW 16/7	16"	CS-5	1900	400	1.1	F-3	
FDW 18-21	16, 10"	CS-5	1900	400	1.1	F-3	
FDW	2" ES	CS-5	1900	400	1.1		
SRY-15A-D	10"	CS-5	500	575	1.7	A-13	

- NOTES:
1. UNLESS OTHERWISE NOTED ALL VALVE, INSTRUMENT NOS. & SPECIALTIES TO BE PREFIXED BY SYS. NO. 2 FOR EXAMPLE: FOR VALVE V-16 ACTUAL TAGGING SHALL BE V-16 VALVE IDENTIFICATION NO. FOR INSTRUMENT TE-142 ACTUAL TAGGING SHALL BE TE-142 IDENTIFICATION NO. FOR SPECIALTY SEE-39 ACTUAL TAGGING SHALL BE SEE-39 SPECIALTY IDENTIFICATION NO. SYSTEM NO.
 2. STEAM LINES AND RECIRC LOOPS ENCLOSED IN BOXES SHALL HAVE PARTS NUMBERS CORRESPONDING TO ITS RESPECTIVE LINE OR LOOP NO.
 3. PIPING FURNISHED BY GSE
 4. A SEPARATE LINE TO BE RUN INTO THE SUPPRESSION CHAMBER THROUGH THE VENT PIPING FOR EACH INJECTION RELIEF VALVE APPLIES TO RV 71A, B, C & D.
 5. UNLESS OTHERWISE NOTED, ALL BRANCH COUPLERS FOR DRAINS, VENTS AND TEST SHALL BE OF SAME MATERIAL & SPECIFICATION AS THE HEADER UP TO AND INCLUDING SECOND SHUT-OFF VALVE.
 6. UNLESS OTHERWISE NOTED ALL OPEN DRAINS & VENTS SHALL BE OF CS-1, 1.7 PIPING.
 7. CAPS NOT REQUIRED FOR SYSTEM INTEGRITY.
 8. DECONTAMINATION CONNECTION TO BE READILY ACCESSIBLE FOR CONVENIENT AND RAPID CONNECTION OF TEMPORARY PIPING.
- (FOR CONTINUATION OF NOTES SEE A-15)

- REFERENCE DRAWINGS
- RCN NUCLEAR BOILER MISC. SYS. 5920-611 (2 SHEETS), 5920-612 (3 SHEETS)
 - RCN RECIRCULATION FLOW CONTROL 5920-472 (3 SHEETS), 5920-485 (2 SHEETS), 5920-47 (2 SHEETS)
 - RCN RESIDUAL HEAT REMOVAL SYSTEM (3 SHEETS) 5920-20, 5920-20, 5920-20
 - IED FEEDWATER CONTROL SYSTEM... 5920-204
 - IED PROCESS RADIATION MONITORING SYS... 5920-526
 - IED NEUTRON MONITORING SYS... 5920-270 (2 SHEETS), 5920-271
 - IED REACTOR PROTECTION SYSTEM (3 SHEETS) 5920-273, 5920-274, 5920-274
 - GE-APED MASTER PARTS LIST PCF194X84(42)

- COMPONENTS SUBJECT TO AMR
- AUTOMATIC DEPRESSURIZATION SYSTEM AMRM-04
 - HIGH PRESSURE COOLANT INJECTION SYSTEM AMRM-05
 - REACTOR CORE ISOLATION COOLING SYSTEM AMRM-06
 - INSTRUMENT AIR SYSTEM AMRM-16
 - PRIMARY CONTAINMENT PENETRATIONS AMRM-20
 - MAIN CONDENSER AND MSV LEAKAGE PATHWAY AMRM-26
 - REACTOR VESSEL AMRM-31
 - REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMRM-33

REPRODUCED FROM ORIGINAL GE DWG 720E947 R-2

REV	DESCRIPTION	BY	CHKD.	APPD.
74	REVISED PER VYK: 2003 013, 7-2-04, 7-2-04, 7-5-04	NL	WD	PAR
75	REVISED PER VYK: 2005-1202	PHM	WD	JGR
	CR 2000-0007			

ENTERTY NUCLEAR VERMONT YANKEE
VERNON, VERMONT

DRAWING TITLE: FLOW DIAGRAM NUCLEAR BOILER
DRAWING NO.: G-191167

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	11-21-05					

REVISIONS

LRA-G-191167-0

CAO FILE: LRA-G-191167_75.DGN
RASTER FILE: G-191167-CALS_75.CAL

THIS IS AN FSAR DRAWING

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