

CONDENSATE STORAGE TANK

25-66A

LT 12 A

LT 12 B

25-5

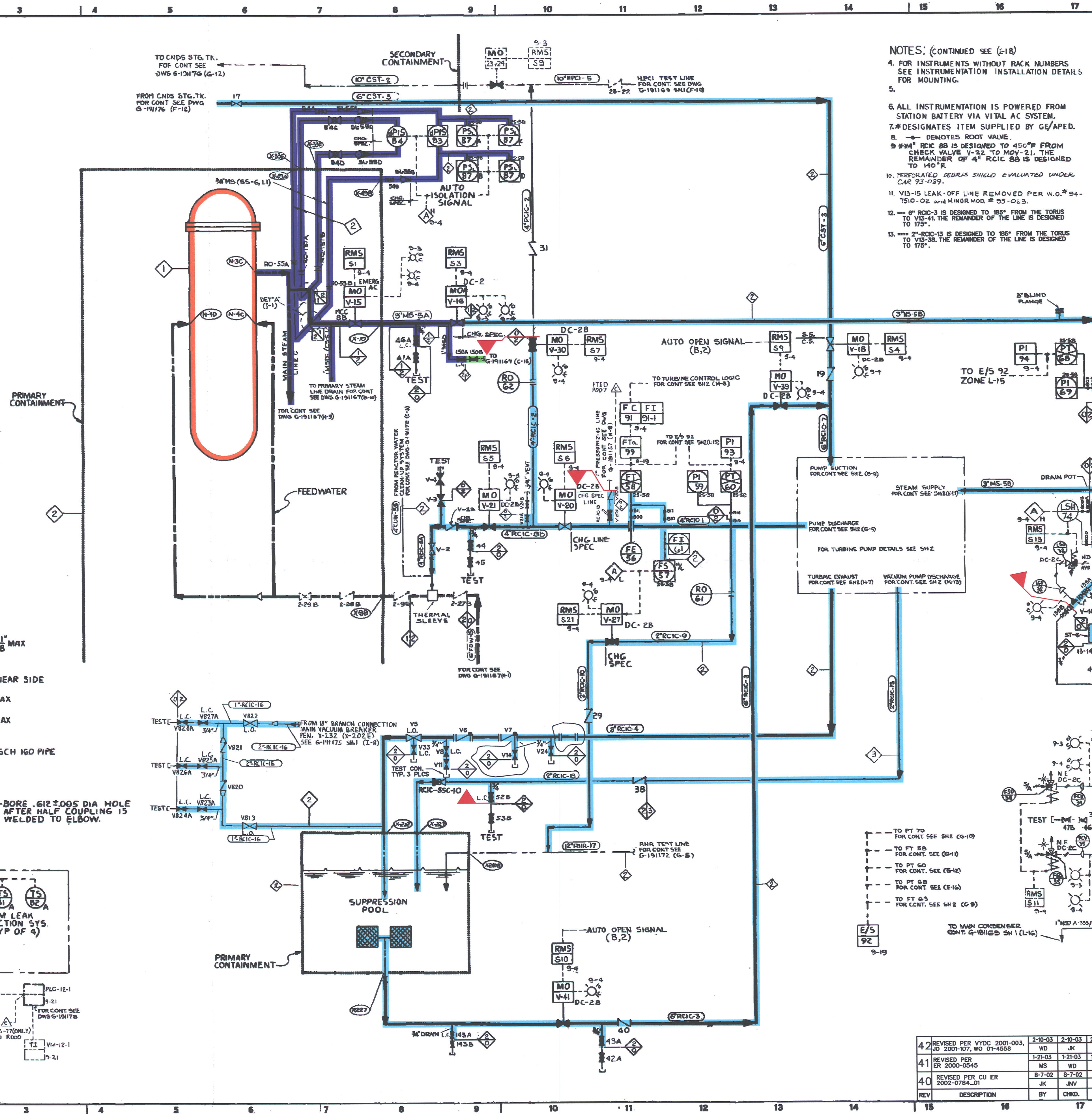
25-5B

LT 12RM A

LT 12RM B

(M) = BISTABLE

AUTO OPEN SUPPRESSION POOL VALVES ON LOW LEVEL (E, B) (N, I, O)



NOTES: (CONTINUED SEE (E-18))

4. FOR INSTRUMENTS WITHOUT RACK NUMBERS
INSTALLATION INSTALLATION DETAILS
FOR MOUNTING.
- 5.
6. ALL INSTRUMENTATION IS POWERED FROM
STATION BATTERY VIA VITAL AC SYSTEM.
7. * DESIGNATES ITEM SUPPLIED BY GE/APED.
8. — DENOTES ROOT VALVE.
9. * RC 88 IS DESIGNED TO 450°F FROM
CHIMNEY VALUE V-22 TO MOV-21. THE
REMAINDER OF 41 RCIC 88 IS DESIGNED
TO 140°F.
10. PERFORATED DEBRIS SHIELD EVALUATED UNDEK
CAR 93-029.
11. VIB-15 LEAK-OFF LINE REMOVED PER W.O. # 86-
7510-02 AND MINOR MOD. # 05-02B.
12. ** RC-13 IS DESIGNED TO 185° FROM THE TORUS
TO VIB-41. THE REMAINDER OF THE LINE IS DESIGNED
TO 17°.
13. *** 21-RCIC-15 IS DESIGNED TO 185° FROM THE TORUS
TO VIB-38. THE REMAINDER OF THE LINE IS DESIGNED
TO 17°.

		PIPE		DESIGN		STANDARD	
LINE NO.	LINE SIZE	SCN	WGT/L	APPROX. PRESS	TEMP. °F	STRESS PPM	LOC'S
	RC1C-1	4"	120	C5-S-5	1500	175	1-2
	RC1C-2	4"	120	C5-S-5	1500	140	
	RC1C-3	6"	STD	C5-S-1	150	325	
	RC1C-4	8"	STD	C5-S-1	150	325	
	RC1C-5A	8"	STD	C5-S-1	150	325	
	RC1C-6	3"	STD	C5-S-1	150	325	
	RC1C-7	6"	STD	C5-S-1	150	325	
	RC1C-8B	4"	120	C5-S-5	1500	140	
	RC1C-9	2"	160	C5-S-5	1500	175	
	RC1C-10	2"	160	C5-S-5	1500	175	
	RC1C-11	2"	160	C5-S-5	1500	175	
	RC1C-12	2", 1 1/2"	80	C5-S-1	150	325	
	RC1C	2 1/2 SM	160	C5-S-5	1500	300	
	RC1C	2 1/2 SM	80	C5-S-1	150	325	
	RC1C-8A	4"	120	C5-S-5	1500	140	
	RC1C-9B	8"	STD	C5-S-1	150	325	
	RC1C-15	1"	160	C5-S-5	1500	175	
	CST-3	6"	405	S5-S-1	15	175	
	RC1C-16	1 1/2"	80	C5-S-1	150	325	
	RC1C-13	2"	80	C5-S-1	150	325	
	W5-B	5"	3"	160	C5-S-5	1250	575
	W5-B	3"	2"	160	C5-S-5	1250	575
	M5D	2 1/2 SM	80	C5-S-1	150	325	
	M5D	2 1/2 SM	160	C5-S-5	1250	575	
	W5D	1"	80	A315, P25	1250	375	

LEGEND

△ - EXFIS COMPUTER DATA SYSTEM

NOTES


- 1. UNLESS OTHERWISE NOTED ALL VALVE AND INSTRUMENT NUMBERS TO BE PREFIXED BY SYSTEM NUMBER 13
- 2. FOREEXAMPLE: FOR VALVE V-19
ACTUAL TAGGING SHALL BE V 13-19
VALVE IDENTIFICATION
- 3. SYSTEM NO.
VALVE IDENTIFICATION NO.
- 4. FOR INSTRUMENT NO. PT-69
ACTUAL TAGGING SHALL BE PT-13-69
TYPE OF INSTRUMENT
- 5. SYSTEM NO.
INSTRUMENT DESIGNATION NO.
- 6. FOR SPECIALTY SR-40
ACTUAL TAGGING SHALL BE SR-13-40
TYPE OF SPECIALTY
- 7. SYSTEM NO.
SPECIALTY IDENTIFICATION
- 8. UNLESS OTHERWISE NOTED ALL OPEN DRAIN AND VENTS SHALL BE C-5-1, I.P. PIPING
- 9. UNLESS OTHERWISE NOTED, ALL BRANCH CONNS FOR DRAINS, VENTS AND TEST SHALL BE OF SPECIALTY DRAIN & SPECIFICATION AS THE HEADER UP TO AND INCLUDING SECOND SHUT-OFF VALVE.
- 10. (FOR CONTINUATION OF NOTES SEE (A-15))

REFERENCE DRAWINGS:	
LIST DRAWINGS	A-191134
VALUE & SPECIFICATION	A-191197
PUMP & INSTRUMENT SYMBOLS	G-191185
FLOW DIAGRAM CONDENSATE & DEMIN WATER TRANSFER SYSTEM	G-191176
REACTOR CORE ISOLATION COOLING PIPING - PLAN	G-191208
FLOW DIAGRAM-NUCLEAR ROILER	G-191167
FLOW DIAGRAM-REACTOR HIGH PRESSURE COOLANT INJECTION SYSTEM	G-191169
FLOW DIAGRAM - RESIDUAL HEAT REMOVAL SYSTEM	G-191172
FLOW DIAGRAM REACTOR WATER CLEAN-UP SYSTEM	G-191178
DIAGRAM - NUCLEAR ROILER VESSEL INSTRUMENTATION	G-191267
PROCESS DIAGRAM REACTOR CORE ISOLATION COOLING SYSTEM	5920-605
FCE REACTOR CORE ISOLATION COOLING SYSTEM (5 SHEETS)	5920-25
	5920-26

GE-APED MASTER PARTS LIST FCF194X844/3
RCL TURBINE OIL PIPING DIAGRAM 5720-7047

AS BUILT





DATE 12-12-72 APPROVED [Signature]



REPRODUCED FROM GPO 73-5941-5/5-71-2

REPRODUCED FROM GE DWG 7263941 SHEET 1 OF 3

03	VERMONT YANKEE NUCLEAR POWER CORPORATION		
AB	VERMONT YANKEE NUCLEAR POWER STATION		
03	VERMONT YANKEE NUCLEAR POWER STATION		
02	FLOW DIAGRAM		
CL	REACTOR CORE ISOLATION COOLING SYSTEM		
01	VERMONT SERVICES INCORPORATED NEW YORK		
01	SCALE NONE	APPROVED	DATE 2-19-74
01	BY: MECH.	<i>[Signature]</i>	G-419174
01	DR: STEINBERG	6-5-74	SHEET 10F2
01	CHK: STEINBERG		

COMPONENTS SUBJECT TO AMR	
	REACTOR CORE ISOLATION COOLING SYSTEM AMRM-06
	MAIN CONDENSER AND MSIV LEAKAGE PATHWAY AMRM-26
	REACTOR VESSEL AMRM-31
	REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMRM-33

0	4	14-05
NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-G-191174-SH-01-0						
CADD FILE						
LRA-G-191174-SH-01_42.DGN						
PAPER FILE						
G-191174-SH-01_42.TIF						