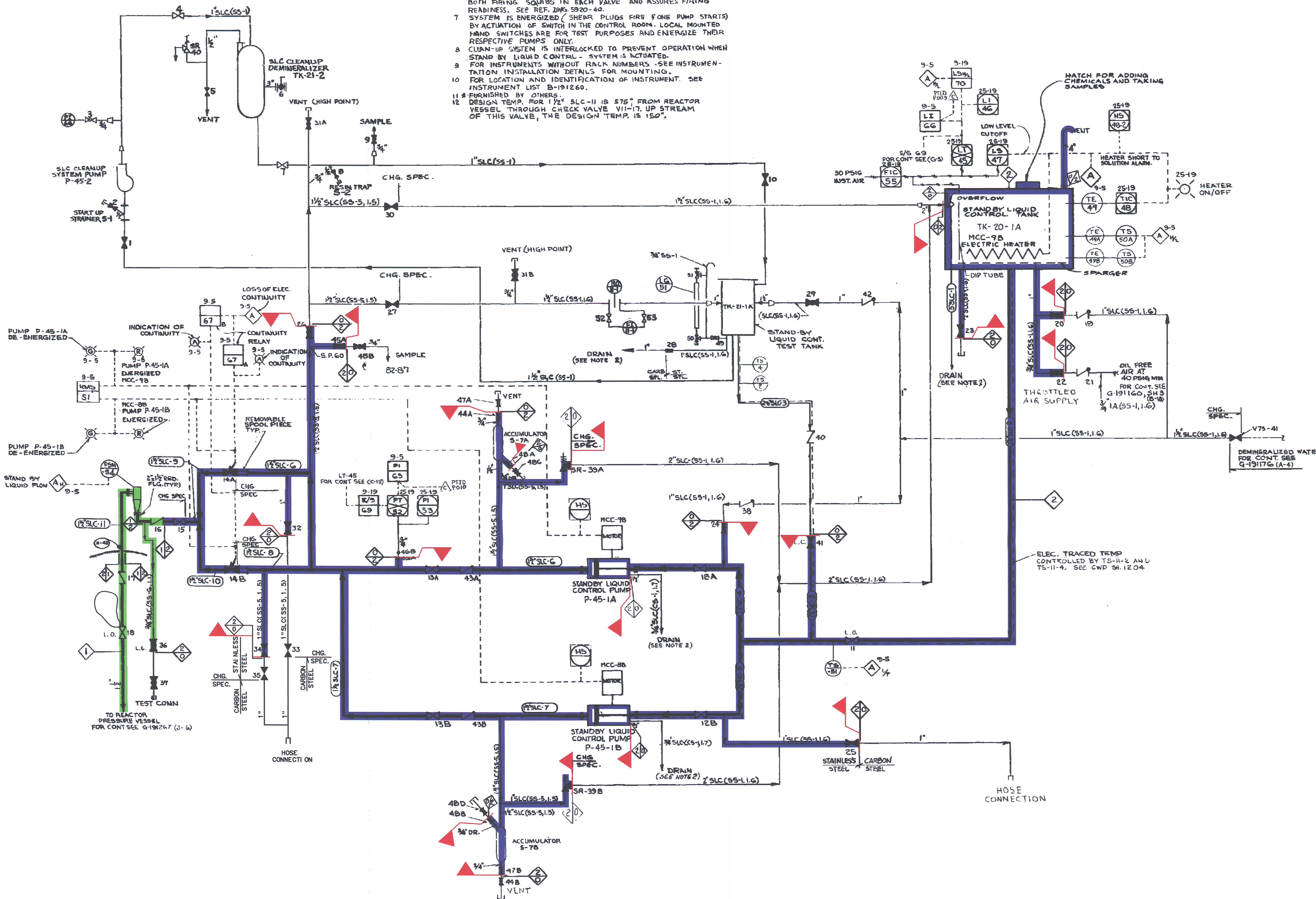


G-191171

NOTES: (CONTINUED SEE G-19)

- 6 A LOW CURRENT MONITORING SYSTEM (CONTINUITY RELAY) PROVIDES VISIBLE (PILOT LIGHT) INDICATION OF CIRCUIT CONTINUITY THROUGH BOTH FIRING SQUABS IN EACH VALVE AND ASSURES FIRING READINESS. SEE REF. DWG 5920-40.
- 7 SYSTEM IS ENERGIZED (SHEAR PLUGS FIRE PUMP STARTS) BY ACTUATION OF SWITCH IN THE CONTROL ROOM. LOCAL MOUNTED HAND SWITCHES ARE FOR TEST PURPOSES AND ENERGIZE THEIR RESPECTIVE PUMPS ONLY.
- 8 CLEANUP SYSTEM IS INTERLOCKED TO PREVENT OPERATION WHEN STAND BY LIQUID CONTROL SYSTEM IS ACTIVATED.
- 9 FOR INSTRUMENTS WITHOUT RACK NUMBERS - SEE INSTRUMENTATION INSTALLATION DETAILS FOR MOUNTING.
- 10 FOR LOCATION AND IDENTIFICATION OF INSTRUMENT. SEE INSTRUMENT LIST B-191260.
- 11 # FURNISHED BY OTHERS.
- 12 DESIGN TEMP. FOR 1/2" SLC-II IS 575° FROM REACTOR VESSEL THROUGH CHECK VALVE VII-17, UP STREAM OF THIS VALVE, THE DESIGN TEMP. IS 150°.



LINE NO.	LINE SIZE	SCH.	MATL.	INSUL.	TYPE	LOC.
SLC-1	3"	40S	55-1	150	150	1.7 H-2
SLC-25	2"	40S	55-1	150	150	1.6 J-10
SLC-6,7B	1 1/2"	80	55-5	1500	150	1.5 J-7
SLC-9,10	1 1/2"	80	55-5	1500	150	1.1 J-3
SLC-11	1 1/2"	80	55-5	1275	515	1.1 H-2
SLC-	2 1/2 SML	80	55-1	150	150	
SLC-	2 1/2 SML	80	55-5	1500	150	
SLC-	1 1/2 SML	80	55-5	1275	515	
SLC-	2 1/2 SML	80	CS-1			

LEGEND
 △ - EKFS COMPUTER DATA SYSTEM

NOTES:
 1 UNLESS OTHERWISE NOTED ALL VALVES, INSTRUMENT NUMBERS (SPECIALITIES TO BE PREFIXED BY SYSTEM NUMBER II) FOR EXAMPLE: FOR VALVE V-25
 PLANT ID - SLC
 VALVE IDENTIFICATION NO. - VII-25
 SYSTEM NO. - SLC
 VALVE IDENTIFICATION NO. - V-25
 FOR INSTRUMENT PT-52
 ACTUAL TAGGING SHALL BE PFI-52
 TYPE OF INSTRUMENT - I
 SYSTEM NO. - SLC
 INSTRUMENT DESIGNATION NO. - I-52
 FOR SPECIALTY SR-39B
 PLANT ID - SLC
 TYPE OF SPECIALTY - SR-39B
 SYSTEM NO. - SLC
 SPECIALTY IDENTIFICATION NO. - SR-39B

2 DRAINS TO BE MANIPULATED AND ROUTED TO A COLLECTION AREA FOR REMOVAL BY MEANS OF CONTAINERS (I.E. 55 GAL. DRUMS).
 3 UNLESS OTHERWISE NOTED ALL OPEN DRAINS SHALL BE OF CS-1, 17 PIPING.
 4 UNLESS OTHERWISE NOTED ALL BRANCH CONNS FOR DRAINS, VENT, AND TEST SHALL BE OF SAME MATERIAL & SPECIFICATION AS THE HEADER UP TO AND INCLUDING SECOND SHUT OFF VALVE.
 5 EXPLOSIVE VALVES ARE DOUBLE SQUIB ACTUATED SHEAR PLUGS, IN ORDER TO SERVICE THE VALVES AFTER FIRING, IT IS NECESSARY TO REMOVE A 3/4" INCH SPOOL PIECE IMMEDIATELY UPSTREAM OF THE RESPECTIVE VALVE. EACH EXPLOSIVE VALVE IS FURNISHED WITH A WATING SOCKET WELDING TYPE FLANGE FOR SOCKET WELDING TO THE 6" SPOOL PIECE.
 (FOR CONTINUATION OF NOTES SEE (A-7))

REFERENCE DRAWINGS:
 LIST OF DRAWINGS - A-191134
 VALVE AND SPECIALTY LIST - B-191137
 PIPING AND INSTRUMENT SYMBOLS - G-18165
 FLOW DIAGRAM - CONDENSATE MAKE-UP SYST. - G-191161
 FLOW DIAGRAM - NUCLEAR BOILER - G-191167
 REACTOR-STANDBY LIQUID CONTROL PIPING - G-191220
 FLOW DIAGRAM - CONDENSATE & DEMIN WATER TRANSFER SYSTEM - G-191176
 FLOW DIAGRAM - SERVICE INSTRUMENT AIR SYSTEM - G-191160
 PRIMARY CONTAINMENT NOZZLE CLOSURE ASSEMBLY - G-191179
 FCB STANDBY LIQUID CONTROL SYSTEM - 5920-40
 PROCESS DIAGRAM STANDBY LIQUID CONTROL SYSTEM - 5920-717
 G.E.-APBD MASTER PART LIST FCF 1947844(1)

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR
 ■ STANDBY LIQUID CONTROL SYSTEM AMRM-01
 ■ REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMRM-33

AS BUILT
 DATE 12-16-72 APPROVED [Signature]



REPRODUCED FROM ORIGINAL GE DWG 728E 379 P-1

REV	DESCRIPTION	BY	CHKD.	APPD.
25	REVISED PER 7-27-04			
24	REVISED PER 5-21-04			
23	REVISED PER 5-24-04			
22	REVISED PER 6-7-04			

ENTREPRENEUR ENERGY
 ENTERGY NUCLEAR VERMONT YANKEE
 VERNON, VERMONT

DRAWING TITLE: FLOW DIAGRAM STANDBY LIQUID CONTROL SYSTEM
 DRAWING NO.: G-191171

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	3-29-05					

REVISIONS
 LRA-G-191171-0
 CDR FILE: LRA-G-191171_25.DGN
 PLOTTER FILE: G-191171_25.TIF

THIS IS AN FSAR DRAWING

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