

NOTES: (CONTINUED SEE (A-18))

A LOW CURRENT MONITORING SYSTEM (CONTINUITY RELAY) PROVIDES VISIBLE (PILOT LIGHT) INDICATION OF CIRCUIT CONTINUITY THROUGH BOTH FIRING SPOOLS IN EACH VALVE AND ASSURES FIRING READINESS. SEE REF. DWG. 3800-40.

5. ENERGIZER (ENERGIZER) SWITCHES (PLUGS FIRE PUMP START) BY ACTUATION OF SWITCH IN THE CONTROL ROOM. LOCAL MOUNTED HAND SWITCHES ARE FOR TEST PURPOSES AND ENERGIZE THEIR RESPECTIVE PUMPS ONLY.

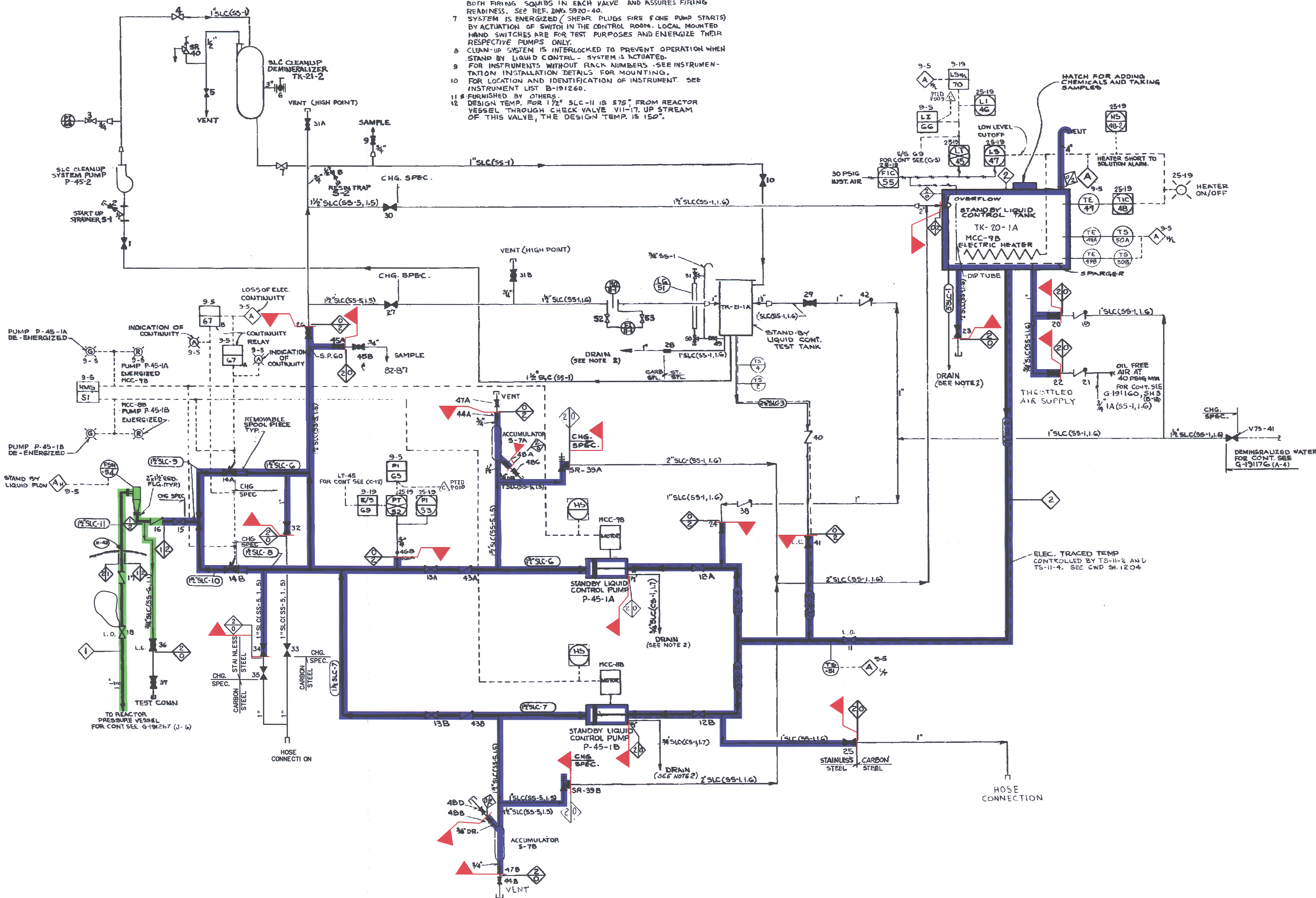
CLEAN-UP SYSTEM IS INTERLOCKED TO PREVENT OPERATION WHEN STOP BY LIQUID CONTROL SYSTEM IS ACTUATED.

FOR INSTRUMENTS WITHOUT RACK NUMBERS - SEE INSTRUMENT INSTALLATION DETAILS FOR MOUNTING.

FOR LOCATION AND IDENTIFICATION OF INSTRUMENT, SEE INSTRUMENT LIST B-19160

6. FURNISHED BY OTHERS.

DESIGN TEMP. FOR 17 1/2" SLC-1 IS 875° FROM REACTOR VESSELS THROUGH REACTOR VALVE VII-17, UP STREAM OF THIS VALVE, THE DESIGN TEMP. IS 150°.



PIPING LINE LIST						
LINE NO.	LINE SIZE	SCH	PIPE MAT'L	QUANTITY		EMERGE PIPE NO.
				PIPE FTG	TRIP	
SIC-1	3"	40S	55-1	150	150	1.7
SIC-2B	2 1/2"	40S	55-1	150	150	1.6
SIC-6,7B	1 1/2"	80	55-5	1500	150	1.5
SIC-9,10	1 1/2"	80	55-5	1500	150	1.1
SIC-11	1 1/2"	80	55-6	1715	55-6 HETAL	1.1
SIC-	2" & 3/4"	80	55-1	150	150	---
SIC-	2" & 3/4"	80	55-5	1500	150	---
SIC	1 1/2" & 3/4"	80	55-6	1715	515	---
SIC	2" & 3/4"	80	CS-1	---	---	---

LEGEND

A-ERFIS COMPUTER DATA SYSTEM

NOTES:

1 UNLESS OTHERWISE NOTED ALL VALVES,  
INSTRUMENT NUMBERS AND SPECIALTIES TO  
BE PREFIXED BY SYSTEM NUMBER 11  
FOR EXAMPLE: FOR VALVE V-25

PLANT ID - SLC

VALVE IDENTIFICATION ---- VII-25

SYSTEM NO

VALVE IDENTIFICATION NO

FOR INSTRUMENT PT-52

ACTUAL TAGGING SHALL BE PTH-52

TYPE OF INSTRUMENT

SYSTEM NO

INSTRUMENT DESIGNATION NO

FOR SPECIALTY SR-39B

PLANT ID - SLC

TYPE OF SPECIALTY SR-113

SYSTEM NO

SPECIALTY IDENTIFICATION NO

Z-DRAINS TO BE MANIFOLDED, AND ROUTED TO A COLLECTION AREA FOR REMOVAL BY MEANS OF CONTAINERS (I.E. 55 GAL. DRUMS).

3- UNLESS OTHERWISE NOTED ALL OPEN DRAINS  
EVENTS SHALL BE OF CS-1, 1.7 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 SHOT OFF VALVE  
5. EXPLOSIVE VALVES ARE DOUBLE SQUIB ACTUATED  
SHEAR PLUGS, IN ORDER TO SERVICE THESE VALVES  
AFTER FIRING, IT IS NECESSARY TO REMOVE A 6  
INCH SPOOL PIECE IMMEDIATELY UPSTREAM OF THE  
RESPECTIVE VALVE. EACH EXPLOSIVE VALVE IS  
FURNISHED WITH A MATING 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-9111
VALVE AND SPECIALTY LIST	B-9111
PIPING AND INSTRUMENT SYMBOLS	C-9111
FLOW DIAGRAM-CONDENSATE MAKE-UP SYST.	D-9111
FLOW DIAGRAM-NUCLEAR BOILER	E-9111
REACTOR-STANDBY LIQUID CONTROL PIPING	F-9112
FLOW DIAGRAM-CONDENSATE DEHEAT	G-9111
WATER REHEAT SYSTEM	H-9111
FLOW DIAGRAM-SERVICE INSTRUMENT	I-9111
AIR SYSTEM	J-9111
PRIMARY CONTAINMENT VESSEL	K-9111
CLOSURE DESEMBLES	L-9111
FCB STAND-BY LIQUID CONTROL	M-9111
SYSTEM	N-9111
PROCESS DIAGRAM STANDBY	O-9111
LIQUID CONTROL SYSTEM	P-9111
GE-APED MASTER PART LIST	Q-9111

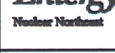
COMPONENTS SUBJECT TO AMR

	STANDBY LIQUID CONTROL SYSTEM AMRM-01
	REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMRM-33

THIS IS AN  
**FSAR** DRAWING

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

REPRODUCED FROM ORIGINAL GE DWG-728E939 2-

25	REV	SED	PER	7-27-04	
	01	2004	001	WD	
		2004	001		
24	REV	SED	PER	5-21-04	5-24-04
	01	2004	001	NL	WD
		2004	001	GS	
					6-7-
REV			DESCRIPTION	BY	CHKD. APP
		<p>ENTERGY NUCLEAR VERMONT YANKEE</p> <p>VERNON, VERMONT</p>			
DRAWING TITLE		FLOW DI AGRAM			
		STANDBY LI QUI D CONTROL SYSTEM			
DRAWING NO.		G-191171			

0	3-29-05		.	.	.	.
NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-G-191171-0						
CAD FILE LRA-G-191171_25.DGN						
RASTER FILE G-191171_25.TIF						