

ACTION/EXPECTED RESPON	RESPONSE NOT OBTAINE
MOTE: Foldout	
	bage should be open.
	age shourd be open.
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CAUT	
initiation will be necessar	fter SI is reset, manual SI ry to load safeguard equipment
onto the diesel powered 4	(V DUSSES.
1 Verify SI Reset:	
a. SLSS surveillance pane	el a. Reset SI at SLSS
load group lights - O	
b. Verify lockout switche - RESET.	es b. Manually reset lockout switches.
2 <u>Stop SI System Pumps:</u>	
a. Stop both feed pumps.	
b. Stop both SI pumps.	

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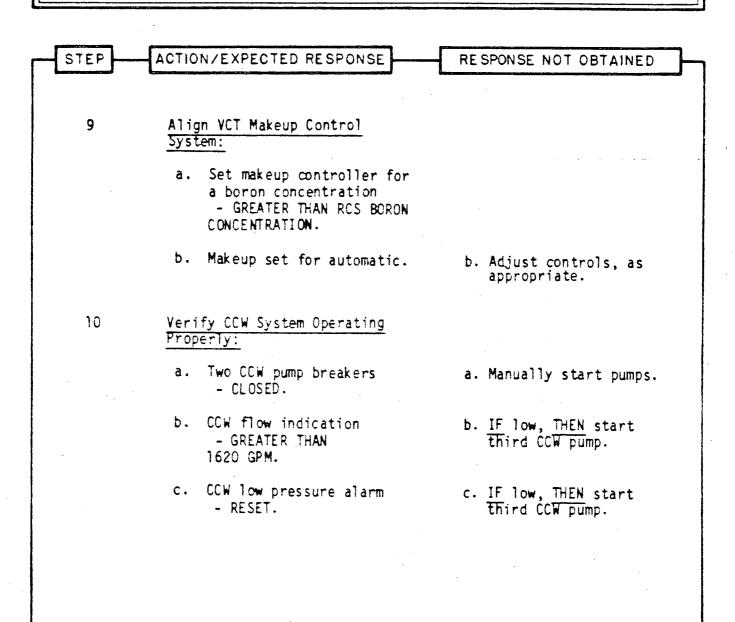
501-1.2-1.03 SI TERMINATION FOLLOWING REV O SPURIOUS SI STEP ACTION/EXPECTED RESPONSE RESPONSE NOT OBTAINED CAUTION -----AFW pump water supply must be maintained to ensure adequate heat sink. 3 Check CST Level: a. CST Level - GREATER a. IF CST level low, THAN 4 FT. THEN transfer to alternate AFW water supply per SO1-7-3, AUXILIARY FEEDWATER SYSTEM. 4 Check Steam Generator Levels: a. IF less than 26%, THEN maintain. a. Narrow range level - GREATER THAN 26%. 1) Total AFW flow - GREATER THAN 250 GPM. 2) AFW flow per SG - LESS THAN 150 GPM. Throttle AFW flow to b. maintain narrow range level at 50%.

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
5	Verify SI Reinitiation NOT Required:	
	a. RCS pressure - GREATER THAN 1735 PSIG.	 Manually reinitiate Go to S01-1.2-1.0, REACTOR TRIP OR SAFETY INJECTION, step 5.
	b. RCS subcooling - GREATER THAN 40 °F.	
•	.c. Pressurizer level - GREATER THAN 102.	
	d. Containment pressure - LESS THAN 1.4 PSIG.	
6	Verify Offsite Power Available:	
	a. 220 KV switchyard voltage - NORMAL.	a. IF low, THEN go to SO1-1.7-T, LOSS OF OFFSITE POWER/STATION BLACKOUT.
7	Reset Containment Isolation:	
	a. Depress Train A AND B containment isolation pushbuttons.	a. Use override push- buttons for valves needed opening as containment systems are placed in service
8		
C	Verify Charging Established:	

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SI TERMINATION FOLLOWING SPURIOUS SI REV O



STEP	ACTION/EXPE	CTED RESPONSE	RE SPON SE	NOT OBTAINED	
11	Align Letdov	m System:			
	exchang control	inservice RHR heat ger temperature ller to - MANUAL, 25% OPEN.	· · · · · ·	· · · · · · · ·	
	control	etdown pressure Ter PCV 1105 to JAL,SET AT 50% OPEN.			
		RCS letdown CV 525 526 - OPEN.	c Manua	lly open valves.	
	d. Verify	LCV 1112 - OPEN.	d. Manual	ly open valve.	
	e. Verify switch	LCV 1100 A control - AUTO.	e. Manual switch	lly position	
12	Place Letdow	m In Service:			
	isolati adjust	e letdown orifice on valve <u>AND</u> manuall letdown pressure and ture to stable condi		· ·	
	control	etdown pressure ler PCV 1105 to , SET AT 350 PSIG.			
	exchang	nservice RHR heat er temperature ler to - AUTO, SET °F.			

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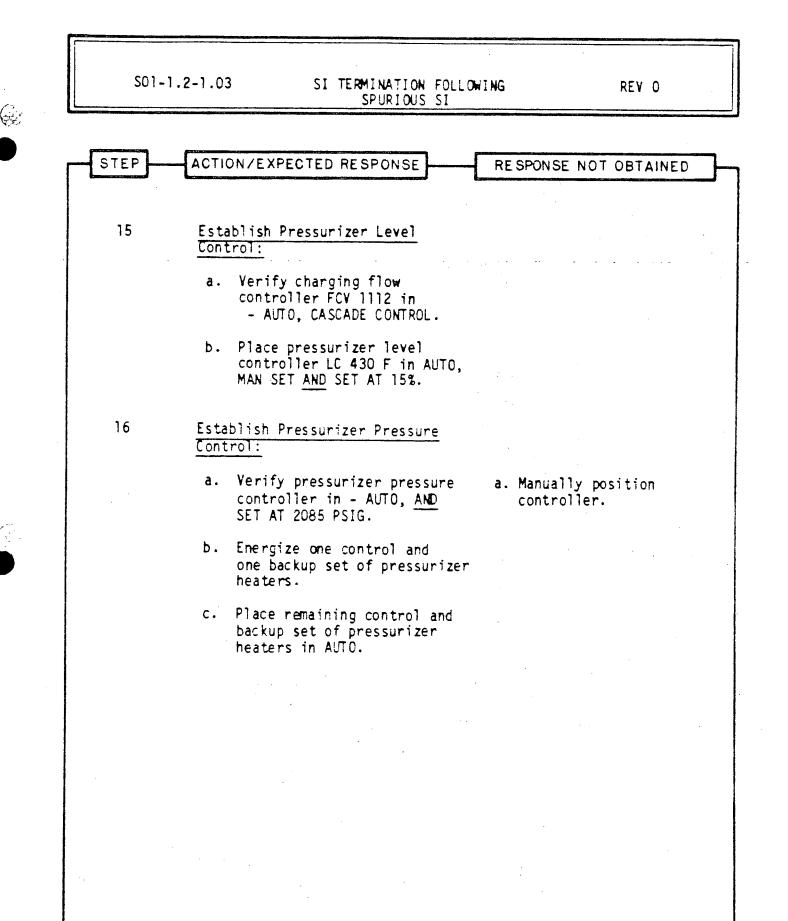
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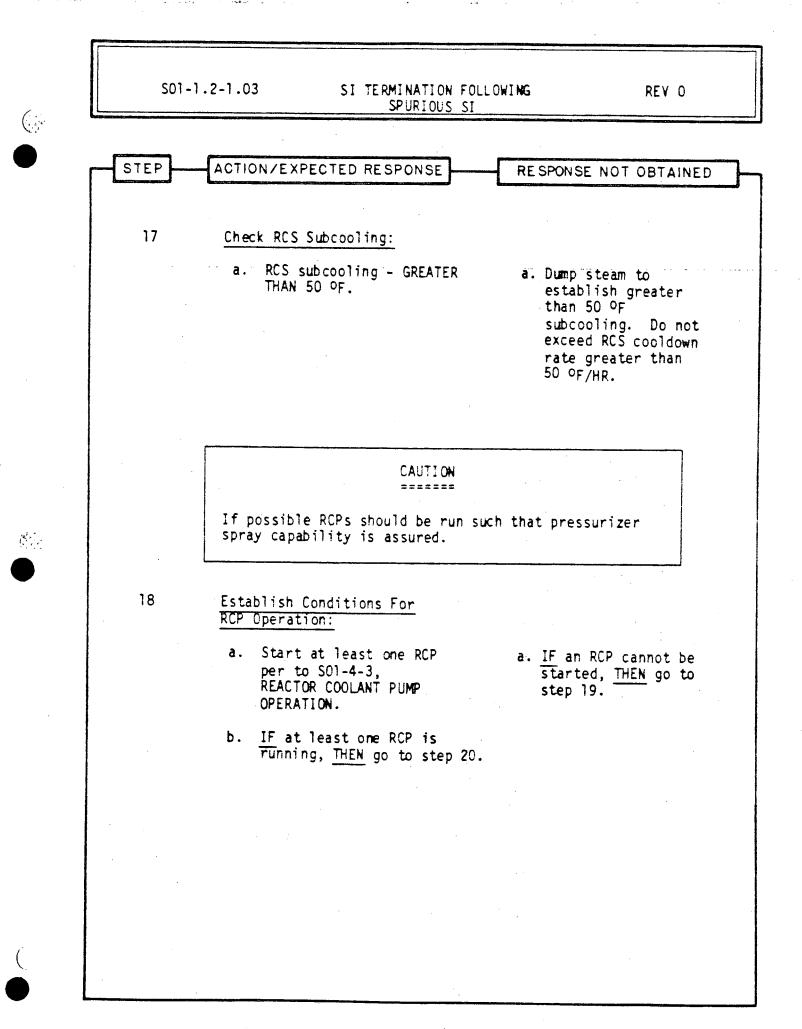
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SI TERMINATION FOLLOWING SPURIOUS SI

	ACTIC	N/EXPECTED RESPONSE	RE	SPONSE NOT OBTAINED
13	Alig	n Charging Pump Suction To VCT	<u>[:</u>	
	ð.	Verify VCT level - GREATER THAN 22%.	a.	Manually restore
	b.	Open MOV 1100 C.		
	c.	Close MOV 1100 B AND D.		
	d.	Place control switches for MOV 1100 B, D AND C in AUTO.	· .	
4	Chec	k RCP Cooling:		
	a.	RCP low CCW flow alarms - RESET.	а.	Manually adjust CCW flow.
	b.	RCP seal injection flow established with RCP thermal barrier delta pressures - GREATER THAN 10 INCHES.		Establish seal water by placing flow controllers in AUTO <u>AND</u> set to maintain a positive delta pressure.
	c.	Verify RCP seal return CV 527 <u>AND</u> CV 528 - OPEN.	•	• •
	d.	Verify seal leakoff is - LESS THAN 4.5 GPM.	d.	Place PCV 1115 A, B <u>AND</u> C in AUTO.
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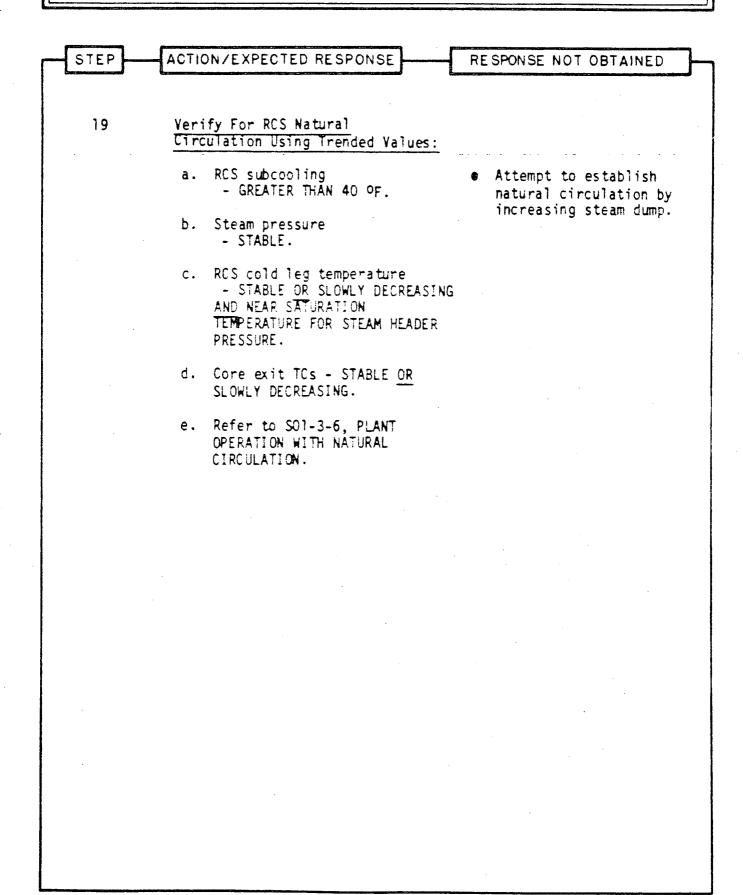
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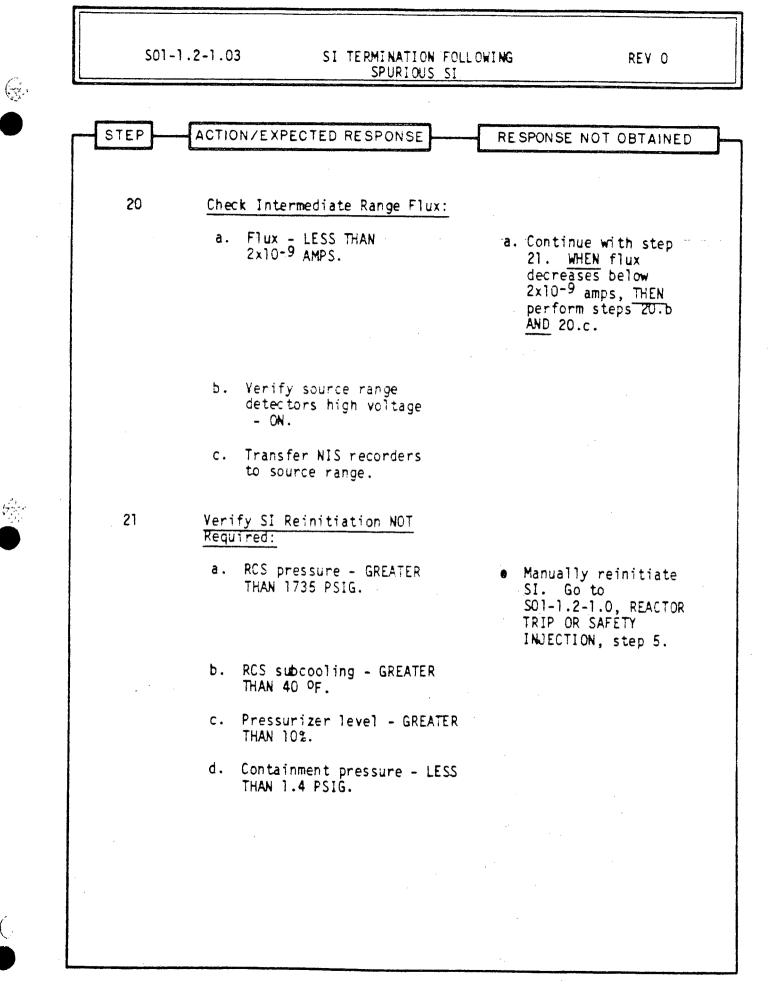


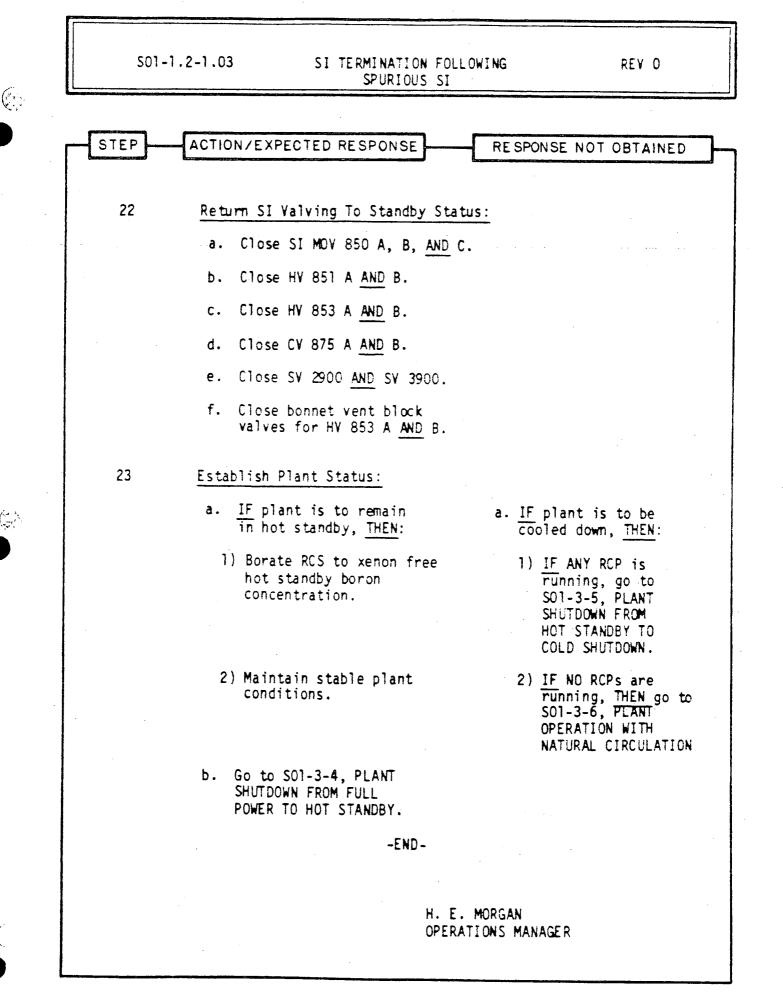
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SI TERMINATION FOLLOWING SPURIOUS SI







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MOTOR DRIVEN AFW PUMP RESTART CRITERIA

- a. IF a motor driven AFW pump trips on low discharge pressure, THEN:
 - 1) Lower AFW flow controllers.
 - 2) Reset AND restart pump.

SI TERMINATION CRITERIA FOR SPURIOUS SI

a. Terminate SI when ALL parameters listed below are met:

1) Containment Conditions - NORMAL . 2) RCS Pressure - GREATER THAN 1840 PSIG. <u>3</u>) RCS Subcooling -=40 OF. Pressurizer Level 4) - GREATER THAN 15%. 5) Heat Sink: (a) SG Level - GREATER THAN 10%. OR (b) AFW Flow - GREATER THAN 250 GPM.

SI REINITIATION CRITERIA FOLLOWING SPURIOUS SI

a. Reinitiate SI if <u>ANY DNE</u> of the parameters listed below occurs:
 1) RCS Pressure - LESS THAN 1735 PSIG.

2) RCS Subcooling
3) Pressurizer Level
4) Containment Pressure
- LESS THAN 1/35 PS16.
- LESS THAN 40 PF.
- LESS THAN 10%.
- GREATER THAN 1.4 PS16.

COLD LEG RECIRCULATION SWITCHOVER CRITERIA

a. IF RWST level less than 212 THEN align SI system for cold leg recirculation per SO1-1.2-1.13, TRANSFER TO COLD LEG INJECTION AND RECIRCULATION.

SYMPTOMS FOR RESPONSE TO INADEQUATE CORE COOLING

- a. Go to SO1-1.2-14, RESPONSE TO INADEQUATE CORE COOLING, when <u>ANY</u> ONE of the following symptoms occur:
 - 1) Five or more core exit TCs GREATER THAN 1200 PF.
 - 2) RCS hot leg temperatures GREATER THAN 700 °F.

SYMPTOMS FOR RESPONSE TO LOSS OF SECONDARY HEAT SINK

a. Go to SO1-1.2-15, RESPONSE TO LOSS OF SECONDARY HEAT SINK IF AFW Flow is NOT AVAILABLE.

IF EVENTS REQUIRE IMPLEMENTATION OF THIS PROCEDURE

- a. Notify Shift Technical Advisor.
- b. Notify Shift Communicator.
- c. Determine if event is classified as an emergency and requires notification of offsite agencies and implementation of the Emergency Plan per S0123-VIII-11, RECOGNITION AND CLASSIFICATION OF EMERGENCIES.
- d. IF event is NOT classified as an emergency in c above THEN determine if notification of the NRC is required within one hour per-SO1-14-13, NOTIFICATION TO NRC OF SIGNIFICANT EVENTS.