

S01-1.2-1.1	12 POST LOCA COOLDOWN AND DEPRESSURIZATION	D REV O
STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
	NOTE: Foldout page	should be open.
	CAUTION	
	If core exit TCs exceed 1200 OF temperatures exceed 700 OF, the RESPONSE TO INADEQUATE CORE COC	or RCS hot leg n go to SO1-1.2-14, LING.
	CAUTION	
	If RWST level reaches 21% or co than MINUS 3 FT, align SI syste injection per SO1-1.2-1.13, TRA INJECTION AND RECIRCULATION.	ntainment level greater m for cold leg NSFER TO COLD LEG
1	Compare RCS And Steam Header Pressure:	
	a. RCS pressure - GREATER THAN OR EQUAL TO STEAM HEADER PRESSURE.	a. IF RCS pressure less than steam header pressure, THEN go to SO1-1.2-1.1. LOSS OF
		REACTOR COOLANT, step 11.
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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINE	D
	CAUTION ======	· · · · · · · · · · · · · · · · · · ·	••••
	If offsite power is lost after SI initiation will be necessary to lo onto the diesel powered 4 KV busse	is reset, manual SI ad safeguard equipment s.	
• 2	Reset SI:	······································	
	a. Reset SI at SLSS Surveillance Panels.		
	<ul> <li>b. Verify lockout switches</li> <li>- RESET.</li> </ul>	<pre>b. Reset lockout switches.</pre>	
3	Establish Maximum Charging:		
	a. Reset non-running charging pump lockout.		
	b. Start second charging pump.		

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STEP	ACTION/EXPECTED RESPONSE RESPONSE NOT OBTAINED	
	CAUTION	
	Do not exceed total charging pump flow of 330 GPM to avoid potential damage to charging pumps.	
4	Establish Charging Flow Through SI Cold Leg Injection Lines:	
	MOV 356 - OPEN. MOV 357 - OPEN: MOV 358 - OPEN. MOV 358 - OPEN. MOV 18 - OPEN. MOV 19 - OPEN.	
- - -	<ul> <li>b. Isolate normal charging flow path:</li> <li>FCV 1112 - CLOSED.</li> <li>CV 304 - CLOSED.</li> </ul>	
• •	c. Place seal supply flow controllers, FC 1115 A, B <u>AND</u> C, on MANUAL <u>AND</u> adjust controller to establish 200 gpm to each loop with two pumps running.	
5	Check If Feed Pumps Can Be Stopped:	
	<ul> <li>a. RCS pressure - INCREASES BY 200 PSI.</li> <li>b. IF RCS pressure does not increase by 200 psi, THEN do not stop feed pumps.</li> </ul>	
	b. Stop feed pumps.	

SO1-1.2-1.12	POST LOCA COOLDOWN AND DEPRESSURIZATION	REV O
STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAI
6	Initiate RCS Cooldown To 350 °F:	
	a. Dump steam to condenser <u>OR</u>	· · · · · · · · · · · · · · · · · · ·
	<ol> <li>Place steam dump controller PC 418 A on MANUAL CONTROL.</li> </ol>	
	<ol> <li>Place steam dump mode selector to - PRESSURE CONTROL ATMOS - CONDENSER.</li> </ol>	
	<ol> <li>Adjust dumping rate as neces to maintain cooldown rate less than 50 <sup>o</sup>F/hr.</li> </ol>	sary
	b. Maintain SG narrow range levels at approximately 50% during cooldown.	

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#### 9 of 10

SO1-1.2-1.12 Rev 0

# 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 FOLLOWING LOSS OF REACTOR COOLANT

- a. Terminate SI when ALL parameters listed below are met:
  - 1) RCS Pressure -- GREATER THAN 1400 PSIG. 2) RCS Subcooling - 40 °F.
  - 3) Pressurizer Level - GREATER THAN 50%. 4) Heat Sink:
    - (a) SG Level - 10% N. R.
    - OR (b) AFW Flow - 250 GPM.

## SI REINITIATION CRITERIA FOLLOWING LOSS OF REACTOR COOLANT

Reinitiate SI if ANY ONE of the parameters listed below occurs: a.

- 1) RCS Pressure LESS THAN 1400 PSIG. RCS Subcooling 2) LESS THAN 40 OF. LESS THAN 20%.
- 3) Pressurizer Level

# COLD LEG RECIRCULATION SWITCHOVER CRITERIA

IF RWST level less than 21%, THEN align SI system for cold leg injection and recirculation per SO1-1.2-1.13, TRANSFER TO COLD LEG INJECTION AND a. RECIRCULATION.

SYMPTOMS FOR RESPONSE TO INADEQUATE CORE COOLING

- Go to S01-1.2-14, RESPONSE TO INADEQUATE CORE COOLING, when ANY ONE of the a. following symptoms occur:
  - 1) Five or more core exit TCs - GREATER THAN 1200 OF.

## OR

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