STEP	ACTION/E	XPECTED RES	PONSE	RE SPON	ISE NOT OF	STAINER
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		EMERGENCY I	NSTRUCTION	SO1-1.2-1.2		
		LOSS OF	SECONDARY	COOLANT		
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Ι.	PURPOSE:					
	The purp to enabl	ose of this in e confirmatio	nstruction f	is to provi OF SECONDA	de the dia	gnostic
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	this ins	truction direction on a term shut	cts the impl down and co	ementation	of procedu e reactor.	ures to
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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
· · ·		
	NOTE: Foldout page sho	ould be open.
1	Check Motor Drive AFW Pump:	
	a. Pump breaker - CLOSED.	a. Return pump to service:
		1) IF pump tripped on Tow discharge
		pressure, <u>THEN</u> lower AFW flow
		controllers to one half of their preset positions.
		2) Go to MANUAL AND RESET.
		3) Manually start
		4) Throttle AFW flow:
		- GREATER THAN 250 GPM.
	·	AND
		Flow per SG - LESS THAN 150 GPM.
	b. Turbine driven pump:	b. Manually open valves.
	Steam warmup valve - OPEN.	
	OR	
	Steam supply valve - OPEN.	
	- UPEN.	

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LOSS OF SECONDARY COOLANT

REV O



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LOSS OF SECONDARY COOLANT

REV 0



S01-1.2-1.2

LOSS OF SECONDARY COOLANT



S01-1.2-1.2

LOSS OF SECONDARY COOLANT



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LOSS OF SECONDARY COOLANT



LOSS OF SECONDARY COOLANT

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LOSS OF SECONDARY COOLANT

REV 0



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S01-1.2-1.2

LOSS OF SECONDARY COOLANT

REV 0









S01-1.2-1.2 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 <u>AND</u> restart pump.

SI REINITIATION CRITERIA FOLLOWING LOSS OF SECONDARY COOLANT

- a. Reinitiate SI if ANY ONE of the parameters listed below occurs:
 - 1) RCS Pressure DECREASES BY 200 PSI AFTER SI TERMINATION.
 - 2) RCS Subcooling LESS THAN 40 OF.
 - 3) Pressurizer Level DECREASES BY 10% AFTER SI TERMINATION.

AFW SUPPLY SWITCHOVER CRITERION

a. IF CST level less than 4 FEET, THEN switch to alternate AFW supply.

COLD LEG RECIRCULATION SWITCHOVER CRITERIA

a. 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 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 of more core exit TCs GREATER THAN 1200 OF.
 - OR
 - 2) RCS hot leg temperatures GREATER THAN 700 PF.

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 SO123-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.

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