

EOP: FR-C.3	TITLE: RESPONSE TO SATURATED CORE COOLING	REV: 7 PAGE 1 of 5
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ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

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RESPONSIBLE MANAGER

1-10-97
EFFECTIVE DATE

CATEGORY 1.0

REVIEWED BY: _____

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A. PURPOSE - This procedure provides actions to restore core cooling.

B. ENTRY CONDITIONS/SYMPTOMS

1. ENTRY CONDITIONS - This procedure is entered from:

a. F-0.2, CORE COOLING Critical Safety Function Status Tree, on a YELLOW condition.

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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
<p><u>NOTE:</u></p> <ul style="list-style-type: none"> o If either ECA-3.2, SGTR WITH LOSS OF REACTOR COOLANT - SATURATED RECOVERY DESIRED or ES-1.3, TRANSFER TO COLD LEG RECIRCULATION is in effect, this procedure should not be performed. o Adverse CNMT values should be used whenever CNMT pressure is greater than 4 psig or CNMT radiation is greater than 10^{+05} R/hr. 		
1	Check RHR Normal Cooling - NOT IN SERVICE	Refer to AP-RHR.1, LOSS OF RHR.
2	Check RWST Level - GREATER THAN 28%	Ensure SI system aligned for cold leg recirculation using Steps 1 through 12 of ES-1.3, TRANSFER TO COLD LEG RECIRCULATION.
3	Verify SI Flow:	
	a. SI line loop A and B flow indicators - CHECK FOR FLOW	a. Manually start SI pumps and align valves.
	b. RCS pressure - LESS THAN 250 psig [465 psig adverse CNMT]	b. Go to Step 4.
	c. RHR loop flow indicator - CHECK FOR FLOW	c. Manually start RHR pumps and align valves.

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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
<p>.....</p> <p style="text-align: center;"><u>CAUTION</u></p> <p>IF ANY PRZR PORV OPENS BECAUSE OF HIGH PRZR PRESSURE, IT SHOULD BE CLOSED AFTER PRESSURE DECREASES TO LESS THAN 2335 PSIG (REFER TO STEP 4B).</p> <p>.....</p>		
4	Check PRZR PORVs And Block Valves:	
a.	Power to PORV block valves - AVAILABLE	a. Restore power to block valves unless block valve was closed to isolate an open PORV: <ul style="list-style-type: none"> • MOV-515, MCC D position 6C • MOV-516, MCC C position 6C
b.	PORVs - CLOSED	b. <u>IF</u> PRZR pressure less than 2335 psig, <u>THEN</u> manually close PORVs. <u>IF</u> any PORV can <u>NOT</u> be closed, <u>THEN</u> manually close its block valve.
c.	Block valves - AT LEAST ONE OPEN	c. Open one block valve unless it was closed to isolate an open PORV.
d.	Rx vessel head vent valves - CLOSED <ul style="list-style-type: none"> • SOV-590 • SOV-591 • SOV-592 • SOV-593 	d. Manually close valves.

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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
5	Return To Procedure And Step In Effect	
		-END-