ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

TECHNICAL REVIEW

PORC REVIEW DATE 4/4/90

Joseph A. Widay
PLANT SUPERINTENDENT

4/9/90
EFFECTIVE DATE

QA X NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

GINNA STATION
START:
DATE _____
TIME _____
COMPLETED:
DATE _____
TIME _____

A. PURPOSE - This procedure provides actions for an overpressure condition affecting any S/G where pressure has increased above the highest steamline safety valve setpoint.

B. ENTRY CONDITIONS/SYMPTOMS

1. ENTRY CONDITIONS - This procedure is entered from:

a. F-0.3, HEAT SINK Critical Safety Function Status Tree, on a YELLOW condition.

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

NOTE: o Throughout this procedure, "affected" refers to any S/G in which pressure is greater than 1140 psig.

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	Identify Affected S/G(s):	
	a. Any S/G pressure - GREATER THAN 1140 PSIG	a. Return to procedure and step in effect.
2	Verify FW Isolation To Affected S/G(s):	
	a. MFW pumps - TRIPPED	a. Trip MFW pumps.
	b. MFW flow control valve(s) - CLOSED • MFW regulating valve(s) • MFW bypass valve(s)	b. Manually close valves.
	c. MFW pump discharge valve(s) - CLOSED	c. Manually close valves.
3	Check Affected S/G(s) Narrow Range Level - LESS THAN 90% [85% adverse CNMT]	Go to FR-H.3, RESPONSE TO STEAM GENERATOR HIGH LEVEL, Step 1.

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

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CAUTION

IF AFFECTED S/G NARROW RANGE LEVEL INCREASES TO GREATER THAN 90% [85% ADVERSE CNMT], THEN STEAM SHOULD NOT BE RELEASED FROM THE AFFECTED S/G(S).

* *

4	Try To Dump Steam From The Affected S/G(s): o Open S/G ARVs -OR- o Open MSIV bypass valves -OR- o Open steam supply valves to TDAFW pump	Go to Step 6.
5	Check Affected S/G(s) Pressure:	
	a. Pressure - DECREASING	a. Go to Step 6.
	b. Pressure - LESS THAN 1140 PSIG	b. Return to Step 3.
	c. Control steam release to maintain S/G pressure less than 1140 psig	
	d. Return to procedure and step in effect	

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

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CAUTION

AFW FLOW SHOULD REMAIN ISOLATED TO AFFECTED S/G(S) UNTIL A STEAM RELEASE PATH IS ESTABLISHED.

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6	Close AFW And SAFW Flow Control Valves To Affected S/G(s) o S/G A • MOV-4007 and AOV-4480, MDAFW pump • AOV-4297, TDAFW pump • MOV-9701A, SAFW pump o S/G B • MOV-4008 and AOV-4481, MDAFW pump • AOV-4298, TDAFW pump • MOV-9701B, SAFW pump	Stop pumps feeding affected S/G(s).
7	Check RCS Hot Leg Temperatures - LESS THAN 535°F	Cool down RCS to less than 535°F by dumping steam from the unaffected S/G.

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

8 Continue Attempts To Manually Or Locally Dump Steam From Affected S/G(s):

- o Open S/G ARVs

  -OR-

- o Open steam supply valves to TDAFW pump

  -OR-

- o Dispatch AO to perform the following:

  a. Open affected S/G MSIV bypass valve

  b. Open both priming air ejector steam isolation valves

     - V-3580
     - V-3581

9 Return To Procedure And Step In Effect

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