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 FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH. NAME AUTHOR AFFILIATION
 MECREDY, R.C. Rochester Gas & Electric Corp. *Revised 8/10/90*
 RECIP. NAME RECIPIENT AFFILIATION *WB*
 Project Directorate I-3

SUBJECT: Forwards revised EOPs, including Rev 10 to AP-CR.1, Rev 8 to
 AP-RHR.1, Rev 12 to E-0, Rev 4 to FR-I.3 & Rev 2 to ATT.

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July 25, 1990

U. S. Nuclear Regulatory Commission
Document Control Desk
Attn: Mr. Allen Johnson
Project Directorate I-3
Washington, D. C. 20555

Subject: Emergency Operating Procedures
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Gentlemen:

As requested, enclosed are Ginna Station Emergency Operating Procedures.

Very truly yours,

Robert C. Mecredy
Division Manager
Nuclear Production

Enclosures

xc: Mr. Robert Gallo, USNRC, Region I
Resident Inspector, Ginna Station

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ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

TECHNICAL REVIEW

PORC REVIEW DATE 12-13-89

Joseph A. Widan
PLANT SUPERINTENDENT

12-19-89

EFFECTIVE DATE

QA k NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

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

*Superceded EOP page, 4/25/90
Superceded page per Rev 5-8-244
EOPs, Rev 10 + AP-CR.1 add 7310018
Rev 8 to AP-RNR.1, Rev 12
to E-O, Rev 4 to TS-1,3
and Rev. 2 to A++
50-244 4/25/90
900 7310018*

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- A. PURPOSE - This procedure provides the step necessary to place and maintain the plant in a Hot Shutdown Condition in the event that a control room evacuation is necessary.
- B. ENTRY CONDITIONS/SYMPTOMS
1. SYMPTOMS - The symptoms of CONTROL ROOM INACCESSIBILITY are;
 - a. Fire in the Control Room, or
 - b. Smoke in the Control Room, or
 - c. Noxious Fumes in the Control Room, or
 - d. Intrusion

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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
<u>NOTE:</u> Steps 1 and 2 are immediate action steps.		
1	<p>Verify Reactor Trip:</p> <ul style="list-style-type: none"> o Reactor trip breakers - OPEN o MRPI indicates - ALL CONTROL AND SHUTDOWN RODS ON BOTTOM o Neutron flux - DECREASING 	<p>Manual trip the reactor from the control board. <u>IF</u> the RX can <u>NOT</u> be tripped from the Control Room, <u>THEN</u> locally open the reactor trip breakers.</p>
2	<p>Verify Turbine Stop Valves - CLOSED</p>	<p>Manually trip turbine from MCB. <u>IF</u> turbine can <u>NOT</u> be tripped at the MCB, <u>THEN</u> close both MSIVs.</p>

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STEP

ACTION/EXPECTED RESPONSE

RESPONSE NOT OBTAINED

3 Verify That Fire HAS NOT significantly damaged the MCB Control Circuits

- o MCB - NO FIRE OR FIRE UNDER CONTROL
- o Safety related controls and indications - NO SIGNIFICANT LOSS OF CONTROLS/INDICATION

Perform the following actions:

- a. Close both MSIVs.
- b. Trip both reactor coolant pumps.
- c. Close both PRZR relief vlv PCV-430 (431C).
- d. Proceed to the Appendix R locker, immediately outside the Control Room.
- e. Control Room Foreman and communicator proceed to TSC and refer to SC-100 for report requirements.
- f. Implement procedure SC-3.30.1 ALTERNATIVE SHUTDOWN FOR CONTROL COMPLEX FIRE. DO NOT continue in this procedure.

NOTE: Refer to SC-100, GINNA STATION EVENT EVALUATION AND CLASSIFICATION.

4 Establish Local Operating Stations - AS OUTLINED IN ATTACHMENT A

5 Establish AFW To The Steam Generators:

- a. Start - BOTH MOTOR DRIVEN AFW PUMPS.
- b. Verify - BOTH PUMPS THROTTLE TO <230 GPM

- a. Start the TDAFW pump. Locally open TDAFW pump steam admission valves at the steam header MOV-3504A, MOV-3505A.
- b. Locally throttle AFW flow.

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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
6	Establish Charging Flow:	
	a. Charging pumps - AT LEAST ONE RUNNING	a. Start a charging pump.
	b. Control charging and letdown - TO MAINTAIN PRESSURIZER LEVEL	
7	Establish Boration Of The RCS To The Xenon Free CSD Condition:	
	a. Refer to 0-3.1 - FOR DETERMINATION OF AMOUNT OF BORIC ACID TO BE ADDED	
	b. Start - A BORIC ACID PUMP	
	c. Manually open - MOV-350	
	d. Stop boration - WHEN REQUIRED BORIC ACID HAS BEEN ADDED	
8	Establish Service Water:	Start pumps as necessary.
	o Verify - AT LEAST ONE SERVICE WATER PUMP RUNNING IN EACH LOOP	
9	Establish Containment Cooling:	Start fans as necessary.
	o Verify - AT LEAST TWO RECIRC FAN COOLERS ARE RUNNING	

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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
10.	Throttle AFW as necessary - TO MAINTAIN S/G LEVELS BETWEEN 77% AND 85%	
11	Check - IF THE CONTROL ROOM IS AGAIN HABITABLE	Return to Step 7.
12	Establish Normal Control Room Operations:	
	a. Restore - NORMAL OPERATION OF EQUIPMENT	
	o Refer to - 0-2.2, PLANT FROM HSD TO COLD SHUTDOWN	
	-OR-	
	o Refer to ES-0.2, NATURAL CIRCULATION COOLDOWN	
	-END-	

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ATTACHMENT A

Duties of Personnel During a Control Room Evacuation

SHIFT SUPERVISOR -

Will direct overall plant operations and recovery actions. No specific duty station is assigned but the Shift Supervisor should maintain communication with the various groups working to recover from the evacuation.

CONTROL ROOM FOREMAN -

Will assist the Head Control Operator in transferring equipment to local control, after completion of the transfer the Control Room Foreman will direct the operator's actions to recover the plant.

HEAD CONTROL OPERATOR -

Will go to Auxiliary Feedwater pump area taking operating procedures "O" book, official records; curve book with him and transfer equipment to local control.

CONTROL OPERATOR -

Will go to the local operating station in the Charging Pump Room.

PRIMARY AUX OPERATOR -

Will go to the local operating stations in the Boric Acid Tank Room.

SHIFT TECHNICAL ADVISOR -

Will assist the Head Control Operator while remaining cognizant of plant conditions.

OTHER PERSONNEL -

Will assume fire fighting or other duties as directed by the Shift Supervisor or Control Room Foreman.

