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NOTE TO ALL "RIDS" RECIPIENTS:

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ROCHESTER GAS AND ELECTRIC CORPORATION . 89 EAST AVENUE, ROCHESTER, N.Y. 14649-0001

June 5, 1989

U.S. Nuclear Regulatory Commission Document Control Desk Washington, DC 20555

Subject: LER-89-002, Safeguards Bus Undervoltage During Relay Testing Due To Inadequate Procedure Review Causes the "A" Emergency Diesel Generator To Automatically Start and Accept Load R.E. Ginna Nuclear Power Plant Docket No. 50-244

In accordance with 10 CFR 50.73, Licensee Event Report System, item (a)(2)(iv) which requires a report of, "any event or condition that resulted in manual or automatic actuation of any Engineered Safety Feature (ESF) including the Reactor Protection System (RPS)", the attached Licensee Event Report LER-89-002 is hereby submitted.

This event has in no way affected the public's health and safety.

Very truly yours,

Robert C. Mecredy General Manager Nuclear Production

xc: U.S. Nuclear Regulatory Commission Region I 475 Allendale Road King of Prussia, PA 19406

Ginna USNRC Senior Resident Inspector

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	K.		YEAR	î.	SEQUENTIAL NUMBER		REVISION NUMBER		Π	
R.E. Ginna Nucl	lear Power Plant	0  5   0   0   0   2   4  4	8 9	_	0 0 2		0  0	0 2	OF	0 [ (

#### I. <u>PRE-EVENT PLANT CONDITIONS</u>

The unit was in cold/refueling shutdown for the Annual Refueling Maintenance Outage. An offsite power reconfiguration modification was in progress per EWR-4525.

#### II. DESCRIPTION OF EVENT

A. DATES AND APPROXIMATE TIMES FOR MAJOR OCCURRENCES:

- o May 6, 1989, 0946 EDST: Event date and time.
- o May 6, 1989, 0946 EDST: Discovery date and time.
- o May 6, 1989, 0952 EDST: Safeguards Bus 14 Normal Power Supply Restored.
- May 6, 1989, 0952 EDST: Safeguards Bus 14 "A"
  Emergency Diesel Generator Power Supply Terminated and "B" Emergency Diesel Generator Stopped and Lined Up for Auto Standby.

#### B. EVENT:

On May 6, 1989 at 0946 EDST, the reactor was in the cold/refueling shutdown condition. Relay testing was in progress on 4160 volt safeguards Bus 12A per step 6.2.5.1.1 of station modification procedure SM-4525.15. During the performance of relay testing on 12A, differential relay 87B/12A operated lockout bus relay 86B/12A, which tripped the station service transformer breaker (14SS-4160V) causing an under-voltage condition on 480 volt safeguards Bus 14.

The "A" Emergency Diesel Generator Automatically started, as required, due to the undervoltage condition on 480 volt safeguards Bus 14 and subsequently connected to Bus 14 as required. ٩

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NRC Form 388A (9-83)	* LIC	LICENSEE EVENT REPORT (LER) TEXT CONTINUATION													
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		CONTRIBUTED	TO THE EVENT:		<b>J1</b> , U		- • • •								
		None.	one.												
•	D. OTHER SYSTEMS OR SECONDARY FUNCTIONS AFFECTED:														
•															
	a														
		The event wa indications	vas immediately apparent due to alarms and in the Control Room.												
	F.	OPERATOR ACT	TION:												
	Following the Bus 14 undervoltage and "A" Emerge Diesel Generator Automatic Start and the Tie Bro Closure to Bus 14, the Control Room Operators in iately verified proper voltage on Bus 14 and that "A" Emergency Diesel Generator displayed pr voltage and frequency.														
	G.	SAFETY SYSTE	M RESPONSES:												
		The "A" Em started and to a valid u	ergency Diesel G tied into 480 vol ndervoltage signal	enera t safe on B	tor a eguards us 14.	utomat s Bus 1	ical: 14 di	ly ue	÷						
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			which inady	vertently tripped	「th	e s	tati	on	- se	rvio	cé			
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