NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
R.E. Ginna Nuclear Power Plant - Unit #1	0 5 0 0 0 2 4 4	1 OF 0 2

TITLE (4)
Computer Rod Position Deviation Alarm

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)
0 1	1 6	8 5	8 5	- 0 0 1	- 0 0	0 2	1 5	8 5		0 5 0 0 0 2 4 4
										0 5 0 0 0

OPERATING MODE (9)	N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)			
POWER LEVEL (10)	1 0 0	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
		20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
		20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
		20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
		20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
		20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
E.J. Beatty, Operations Supervisor	AREA CODE 3 1 5 5 2 4 - 4 4 4 6

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	
A	I D	- C P U	W 1 2 0	N							

SUPPLEMENTAL REPORT EXPECTED (14)

	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO			

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On Ø1/16/85 a series of blown fuses in the computer resulted in actuation of about 9Ø alarms on the Computer Alarm Typewriter at the time that I&C technicians were removing and restoring Foxboro channels for Periodic Test procedures. The computer technician was swapping trend and log typewriters.

A printout alerting the operator to Control Rod Banks not being updated at 12Ø0 hours went unnoticed due to previous alarm activity. Subsequent printouts for Rods not updated occurred and this printout was detected when the afternoon shift operator attempted to perform the computer program check at 1634 hours. The Rod Banks were updated at 17Ø3 hours. Procedure S-26.2 (Computer Out of Service) and Technical Specification Table 4.1-1 Item #9 dictates that Control Rod Position Indicators should be initiated within 4 hours of the alarm.

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
R.E. Ginna Nuclear Power Plant Unit #1	0 5 0 0 0 2 4 4	8 5	— 0 0 1	— 0 0	0 2 OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On Ø1/16/85 at Ø756 hours the "Computer Rod Deviation" alarm was satisfactorily tested. At Ø833 hours I&C Technicians removed Foxboro Channel 4 from scan to complete PT-5.4Ø (Process Instrumentation Reactor Protection Channel Trip Test). At the same time the Computer Technician was swapping trend and log typewriter devices. At 1ØØØ hours and 11ØØ hours the rod position monitor was functional. At 11Ø2 hours indication of about 9Ø alarms came in on the Computer Alarm Typewriter as a result of a blown fuse in the computer. A Foxboro channel was added to scan at about the same time. At 12ØØ hours a printout (no alarm) was displayed that Control Rod Banks were not updated. The operator failed to detect this printout and subsequent printouts on the typewriter device, alluding to the Control Rod Banks not updated, since they were not audibly alarmed.

At 1253 hours Foxboro Channel 1 was removed from scan and the same series of about 9Ø alarms reoccurred. Another blown fuse was found to be the cause. Further printouts followed indicating Control Rod Banks were not updated.

The afternoon shift, during the computer program check, identified the problem at 1634 hours and updated the computer at 17Ø3 hours.

According to procedure S-26.2 and Technical Specifications Table 4.1-1 Item #9 Control Rod Position Indicators should be hand logged within 4 hours of the initial printout (or the program updated) by 16ØØ hours.

Although the event falls into the category of personnel error, it is felt that contributing factors include the unforeseen possibility of the failure of fuses concurrent with a Periodic Test well known for the excessive activity of audible alarms. A possible corrective Action plan should include increasing the frequency of the computer check (since this action identified the problem) to every 4 hours rather than once per shift.

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

ROGER W. KOBER
VICE PRESIDENT
ELECTRIC & STEAM PRODUCTION

TELEPHONE
AREA CODE 716 546-2700

February 15, 1985

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

Subject: LER 85-001, Inoperable Analog Rod Position (Computer Rod Position Deviation Alarm)
R.E. Ginna Nuclear Power Plant, Unit No. 1
Docket No. 50-244

In accordance with 10 CFR 50.73, Licensee Event Report System, item (a)(2)(i)(B) which requests a report of, "any operation or conditions prohibited by the plant Technical Specification", the attached Licensee Event Report LER 85-001 is hereby submitted.

Very truly yours,

Roger W. Kober

Roger W. Kober

RWK/eeg

xc: U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

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