

PRIORITY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NRR:9408120109 DOC.DATE: 94/08/02 NOTARIZED: NO DOCKET #  
FACIL:50-244 Robert Emmet.Ginna Nuclear Plant, Unit 1, Rochester G 05000244  
AUTH.NAME AUTHOR AFFILIATION  
MECREDY,R.C. Rochester Gas & Electric Corp.  
RECIP.NAME RECIPIENT AFFILIATION  
JOHNSON,A.R. Project Directorate I-3

SUBJECT: Documents conversation between J Tsao of NRC & G Wrobel of  
RG&E re reduction in RCS TAVG.Requests NRC concurrence by  
940901 w/info discussed in ltr.

DISTRIBUTION CODE: A001D COPIES RECEIVED:LTR 1 ENCL 0 SIZE: 1  
TITLE: OR Submittal: General Distribution

NOTES:License Exp date in accordance with 10CFR2,2.109(9/19/72). 05000244

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD1-3 LA	1 1	PD1-3 PD	1 1
	JOHNSON,A	2 2		
INTERNAL:	NRR/DE/EELB	1 1	NRR/DORS/ONDD	1 1
	NRR/DRCH/HICB	1 1	NRR/DRPW	1 1
	NRR/DSSA/SPLB	1 1	NRR/DSSA/SRXB	1 1
	NUDOCS-ABSTRACT	1 1	OG/LFDCB	1 0
	OGC/HDS3	1 0	REG FILE 01	1 1
EXTERNAL:	NRC PDR	1 1	NSIC	1 1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL  
DESK, ROOM P1-37 (EXT. 504-2083) TO ELIMINATE YOUR NAME FROM  
DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 16 ENCL 14

MA4





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



AREA CODE 716 546-2700

ROBERT C. MECREDY  
Vice President  
Ginna Nuclear Production

August 2, 1994

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

Subject: Reduction in RCS  $T_{AVG}$   
R.E. Ginna Nuclear Power Plant  
Docket No. 50-244

- Ref.(a): Letter from D. Eisenhut (NRC) to All Operating PWR Licensees, Subject: Safety Evaluation of Westinghouse Topical Reports Dealing with Elimination of Postulated Pipe Breaks in PWR Primary Main Loops (Generic Letter 84-04), dated Feb. 1, 1984.
- (b): Letter from D. DiIanni (NRC) to R. Kober (RG&E), Subject: Generic Letter 84-04, dated Sept. 9, 1986.
- (c): Letter from F. Miraglia (NRC) to All Operating Licensees, Subject: Relaxation in Arbitrary Intermediate Pipe Rupture Requirements (Generic Letter 87-11), dated June 19, 1987.
- (d): Letter from Dennis M. Crutchfield (NRC) to John E. Maier (RG&E), Subject: IPSAR Section 4.13, Effects of Pipe Breaks on Structures, Systems, and Components Inside Containment for the R. E. Ginna Nuclear Power Plant, dated June 28, 1983.

Dear Mr. Johnson:

This letter documents a conversation between John Tsao of the NRC and George Wrobel of RG&E.

Following RG&E's steam generator replacement in 1996, we plan to reduce full load  $T_{AV}$  from the present 573.5°F to as low as 559°F. This reduced coolant temperature results in a denser fluid and, for purposes of post-LOCA inertial force effects, is non-conservative. We therefore plan to perform a re-evaluation of the effects of a postulated pipe rupture on the reactor vessel internals due to inertial forces. The pipe break selected for use in this evaluation will be the 10" RHR line, which is the largest line

9408120109 940802  
PDR ADDCK 05000244  
PDR

A001  
1/0



attached to the reactor coolant system which has not had an NRC-approved "leak-before-break" Safety Evaluation Report. In accordance with GDC-4, against which Ginna Station was previously reviewed, the inertial effects of a double-ended RCS break is a dynamic effect, and may be excluded from the Ginna Station design basis because the analyses submitted to the NRC, and subsequently approved, (References a, b, c, and d) demonstrated that the probability of a rupture in the RCS piping, pressurizer surge line, and the accumulator lines is extremely low under conditions consistent with the design basis for the piping.

NRC concurrence by September 1, 1994 with the information discussed in this letter would be appreciated.

Very truly yours,

  
Robert C. Mecredy

GJW\338

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

Ginna Senior Resident Inspector

U.S. Nuclear Regulatory Commission  
Allen R. Johnson (Mail Stop 14D1)  
PWR Project Directorate I-3  
Washington, D.C. 20555