

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8409060357 DOC.DATE: 84/08/27 NOTARIZED:NO DOCKET #
 FACIL:50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH.NAME AUTHOR AFFILIATION
 KOBER,R.W. Rochester Gas & Electric Corp.
 RECIP.NAME RECIPIENT AFFILIATION
 PAULSON,W.A. Operating Reactors Branch 5

SUBJECT: Forwards responses to NRC questions re 840402 application
 for amend to License, DPR-18. Response provides statement
 whether spent fuel pool liner would be perforated as result
 of failure of bottom plate welds.

DISTRIBUTION CODE: A001D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 2
 TITLE: OR Submittal: General Distribution

NOTES:NRR/DL/SEP 1cy. 05000244
 OL:09/19/69

	RECIPIENT ID CODE/NAME		COPIES LTTR ENCL		RECIPIENT ID CODE/NAME		COPIES LTTR ENCL
	NRR ORB5 BC 01		7 7				
INTERNAL:	ADM/LFMB		1 0		ELD/HDS4		1 0
	NRR/DE/MTEB		1 1		NRR/DL DIR		1 1
	NRR/DL/ORAB		1 0		NRR/DSI/METB		1 1
	NRR/DSI/RAB		1 1		<u>REG FILE</u>	04	1 1
	RGN1		1 1				
EXTERNAL:	ACRS 09		6 6		LPDR 03		1 1
	NRC PDR 02		1 1		NSIC 05		1 1
	NTIS		1 1				
NOTES:			1 1				



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

August 27, 1984

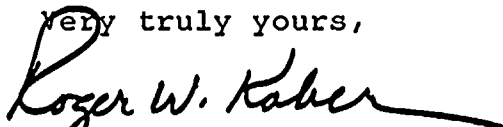
Director of Nuclear Reactor Regulation
Attention: Mr. Walter A. Paulson, Acting Chief
Operating Reactors Branch No. 5
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Responses to NRC Staff Questions
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Paulson:

Attached are responses to NRC Staff questions concerning our
Application for Amendment to Operating License of April 2, 1984.

Very truly yours,


Roger W. Kober

Attachment

B409060357 B40827
PDR ADOCK 05000244
P PDR

Acc
11

1. The first part of the report is a summary of the work done during the year.

2. The second part of the report is a detailed account of the work done during the year.

3. The third part of the report is a summary of the work done during the year.

4. The fourth part of the report is a summary of the work done during the year.

5. The fifth part of the report is a summary of the work done during the year.

6. The sixth part of the report is a summary of the work done during the year.

7. The seventh part of the report is a summary of the work done during the year.

8. The eighth part of the report is a summary of the work done during the year.

9. The ninth part of the report is a summary of the work done during the year.

10. The tenth part of the report is a summary of the work done during the year.

11. The eleventh part of the report is a summary of the work done during the year.

12. The twelfth part of the report is a summary of the work done during the year.

Question: Your submittal indicates that dropping a fuel assembly within a storage cell could cause the bottom plate welds to fail. Please provide a statement as to whether the spent fuel pool liner would be perforated as a result of this accident.

Response: We have determined the fuel assembly velocity required to perforate the stainless steel liner using methodology developed for tornado missile impact analysis. Using the submerged weight of a fuel assembly dropped from 30 inches above the top of the rack, but neglecting all drag forces due to water or impact with cell walls or bottom plate, the velocity of the fuel assembly on impact is not sufficient to perforate the liner.

