REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8504090311 DOC.DATE: 85/04/04 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
ZWOLINSKI,J.A. Operating Reactors Branch 5

SUBJECT: Responds to request to address sensitivity studies on axial power profiles in Exxon Nuclear Co ECCS evaluation models for 14X14 fuel.Analysis of fuel will be performed w/models that conform to 10CFR50 & App K.

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

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

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

TOTAL NUMBER OF COPIES REQUIRED: LTTR 28 ENCL ~~25~~ 0

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

April 4, 1985

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

Subject: Loss of Coolant Accident Analysis
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Zwolinski:

This letter is in response to a request from the NRC staff to address sensitivity studies on axial power profiles in the Exxon Nuclear Company (ENC) emergency core cooling system evaluation models for the 14x14 ENC fuel in Ginna. It is our understanding that analyses performed by ENC on a foreign plant show that the calculated peak clad temperature (PCT) for ENC fuel is within $\pm$ 50°F of that for similar Westinghouse fuel. The PCT calculated by Westinghouse for Westinghouse fuel in Ginna is 1854°F, as reported in our submittal of December 20, 1983. Application of a 50°F increment to this yields 1904°F. This leaves substantial margins to the 10 CFR 50 limit of 2200°F. Thus, any additional uncertainties are not critical to compliance with the 10 CFR 50 limit for continued operation at full power.

We commit to have performed, and to submit to you within six months, analyses for ENC fuel in Ginna which are performed with evaluation models which are wholly in conformance with 10 CFR 50 and Appendix K to 10 CFR 50.

Very truly yours,

Roger W. Kober

Roger W. Kober

A001
1/0