

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8212220243 DOC. DATE: 82/12/15 NOTARIZED: NO DOCKET #
 FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH. NAME AUTHOR AFFILIATION
 MAIER, J. E. Rochester Gas & Electric Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 CRUTCHFIELD, D. Operating Reactors Branch 5

SUBJECT: Advises that Exxon Nuclear Co rept re upper plenum injection will be submitted by mid-Feb 1983. Only Exxon fuel will be in reactor until Spring 1984 outage. Westinghouse fuel response will be answered as part of 1984 fuel reload.

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1
 TITLE: OR Submittal: General Distribution

NOTES: NRR/DL/SEP 1cy.

05000244

	RECIPIENT ID CODE/NAME		COPIES LTTR ENCL		RECIPIENT ID CODE/NAME		COPIES LTTR ENCL
	NRR ORB5 BC	01	7	7			
INTERNAL:	ELD/HDS4		1	0	NRR/DL DIR		1 1
	NRR/DL/DRAB		1	0	NRR/DSI/RAB		1 1
	REG FILE	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			

TOTAL NUMBER OF COPIES REQUIRED: LTTR 24 ENCL 22

ALLOCATION NO: 821550502
 DATE: 8/15/82
 NOTARIZED: NO
 PROJECT: 0200520
 PAC: 50-540 Robert James Nuclear Plant, Unit 1, Rochester, N.Y.
 AUTHOR AFFILIATION
 Rochester Gas & Electric Corp.
 RECIPIENT AFFILIATION
 Operating Reactors Branch 2

SUBJECT: Advises that Exxon Nuclear Co sent to upper plenum injection
 will be submitted by mid-Feb 1983. Only Exxon fuel will be in
 reactor until Spring 1984 outage. Westinghouse fuel response
 will be answered as part of 1984 fuel reload.

DISTRIBUTION CODE: 0001 COPIES RECEIVED: 12 ENCL 1
 TITLE: OR submitted: General Distribution

NOTES: MRNVLNFB 104, 0200520

INTERVAL	EXTERVAL	RECEIPT	IN CODE NAME	COPIES		RECEIPT	IN CODE NAME	COPIES	
				ENCL	1			ENCL	1
INTERVAL: FLOWNDS				0	1			0	1
INTERVAL: FLOWNDS				0	1			0	1
RECEIPT: FLOWNDS				1	1			1	1
EXTERVAL: ACES				0	0			0	0
EXTERVAL: ACES				1	1			1	1
RECEIPT: ACES				1	1			1	1
EXTERVAL: ACES				1	1			1	1
RECEIPT: ACES				1	1			1	1
EXTERVAL: ACES				1	1			1	1



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

JOHN E. MAIER
Vice President

TELEPHONE
AREA CODE 716 546-2700

December 15, 1982

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

Subject: ECCS, Upper Plenum Injection
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Crutchfield:

Your letter dated November 15, 1982 requested that we submit ECCS models which specifically treat upper plenum injection. As you noted, models have been developed as a part of the long-term effort to satisfactorily treat upper plenum injection since less sophisticated methods to bound upper plenum injection were developed in 1978. We will submit by mid-February 1983, or reference on our docket, a report to be prepared by Exxon Nuclear Company. Except for four demonstration assemblies in nonlimiting positions, only Exxon fuel will be in the Ginna reactor until the Spring 1984 outage. Treatment of Westinghouse fuel response to upper plenum injection will be handled, if necessary, as a part of the 1984 fuel reload submittal.

The Exxon report to be submitted in February 1983 will include a set of sample calculations for a limiting break size for a generic two-loop plant with upper plenum injection and will include justification for not doing calculations for a spectrum of large break LOCAs. We expect that the generic calculations will also show that existing ECCS calculations are conservative and will obviate the need for plant-specific calculations.

Very truly yours,


John E. Maier

8212220243 821215
PDR ADOCK 05000244
P PDR

A001

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2.

3. The second part of the report is a detailed description of the methodology used in the study. It includes information about the sample, the data collection methods, and the statistical analysis.

4. The third part of the report is a discussion of the results of the study. It compares the findings with the previous research and discusses the implications of the study.

5. The fourth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study, and the references list the sources used in the study.

6.

7. The fifth part of the report is a detailed description of the results of the study. It includes information about the sample, the data collection methods, and the statistical analysis. The results are presented in a clear and concise manner, and the implications of the findings are discussed.

8.

9. The sixth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study, and the references list the sources used in the study. The conclusion also discusses the limitations of the study and suggests areas for future research.

10.

11.