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 MECREDY, R. C. Rochester Gas & Electric Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 JOHNSON, A. R. Project Directorate I-3

SUBJECT: Submits annual ECCS rept in accordance w/10CFR50.46. Summary of current PCTs for plant encl.

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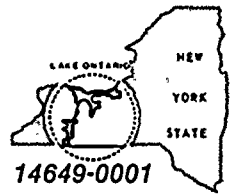
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November 18, 1993

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

Subject: 10CFR50.46 Annual ECCS Report
R.E. Ginna Nuclear Power Plant
Docket No. 50-244

Ref. (a): RG&E letter from R. C. Mecredy to A. R. Johnson, NRC,
Subject: 10CFR50.46 30 Day Report ECCS Evaluation
Model Changes dated November 17, 1992

(b): RG&E letter from R.C. Mecredy to A.R. Johnson, NRC,
Subject: ECCS Evaluation Including the Effects of
Upper Plenum Injection, dated Nov. 5, 1992

Dear Mr. Johnson:

In accordance with the requirement in 10CFR50.46 paragraph
(a)(3)(ii), the following annual report is hereby submitted.

Westinghouse, the provider of LOCA analyses for the Ginna Nuclear
Power Plant, has provided RG&E with an update to the peak
cladding temperature (PCT) margin for Ginna. The large break
LOCA PCT has not changed since the issuance of Reference (a)
report. The large break LOCA PCT is 1986°F.

The small break LOCA PCT has not changed since the issuance of
the Reference (a) report. The small break LOCA PCT is 1234°F.

Attachment 1 to this letter summarizes the current PCTs for
Ginna.

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R PDR

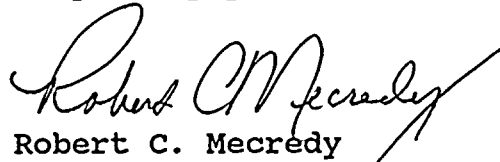
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ADD1

This is based on the currently approved model and will be replaced by the new Upper Plenum Injection model, submitted by reference (b), upon NRC approval.

Very truly yours,


Robert C. Mecredy

RWE\313

xc: Mr. Allen R. Johnson (Mail Stop 14D1)
Project Directorate I-3
Washington, D.C. 20555

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

Ginna Senior Resident Inspector

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ATTACHMENT 1

LOCA PCT SUMMARIES

Large Break LOCA

R.E. Ginna

Eval. Model: 81EM Fuel: OFA
FQ = 2.32 F_{ΔH} = 1.66 SGTP = 15%

A.	Analysis of record	PCT = 1871°F
	1. UPI penalty	ΔPCT = +6°F
	2. RIP penalty	ΔPCT = +3°F
B.	Prior LOCA Model Assignments - 1989	ΔPCT = +2°F
C.	Prior LOCA Model Assignments - 1990	ΔPCT = 0°F
D.	Prior LOCA Model Assignments - 1991	ΔPCT = +76°F
E.	Prior LOCA Model Assignments - 1992	ΔPCT = +27°F
F.	LOCA Model Assignments - 1993	
	1. (as of 8/93) none	ΔPCT = 0°F
G.	10CFR50.59 Safety Evaluations	
	1. Fuel reconstitution (1990 evaluation)	ΔPCT = 0°F

Licensing Basis PCT = 1986°F

Potential Issues - Temporary Allocation of Margin ΔPCT = +140°F

Licensing Basis + Temporary Allocation PCT = 2126°F

Small Break LOCA

R.E. Ginna

Eval. Model: WFLASH Fuel: OFA
FQ = 2.32 FAH = 1.66 SGTP = 12%

A.	Analysis of record	PCT = 1092°F
B.	Prior LOCA Model Assignments - 1989	Δ PCT = 0°F
C.	Prior LOCA Model Assignment - 1990	Δ PCT = 0°F
D.	Prior LOCA Model Assignment - 1991	Δ PCT = +77°F
E.	Prior LOCA Model Assignment - 1992	Δ PCT = 0°F
F.	LOCA Model Assignment - 1993	
	1. (as of 8/93) none	Δ PCT = 0°F
G.	10CFR50.59 Safety Evaluations	
	1. AFW enthalpy delay (1989 evaluation)	Δ PCT = +11°F
	2. MFIV closure delay (1990 evaluation)	Δ PCT = +43°F
	3. Fuel reconstitution (1990 evaluation)	Δ PCT = +1°F
	4. Thimble Plug Deletion (1991 evaluation)	Δ PCT = +10°F
	5. Increase SGTP to 15%	Δ PCT = 0°F
	Licensing Basis	PCT = 1234°F

Potential Issues - Temporary Allocation of Margin Δ PCT = 0°F

Licensing Basis + Temporary Allocation PCT = 1234°F