

June 20, 2003

Mr. Robert L. Clark  
Office of Nuclear Regulatory Regulation  
U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555-0001

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

**Ref.** (a) Westinghouse Letter RGE-03-18, Subject: Transmittal of SECY Large Break LOCA Analysis Engineering Report and Associated Documentation, dated March 27, 2003

(b) Westinghouse Letter RGE-03-11, Subject: 10CFR50.46 Annual Notification and Report for 2002, dated March 7, 2003

Dear Mr. Clark:

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

Westinghouse, the provider of LOCA analysis for the R. E. Ginna Nuclear Power Plant, has provided RG&E with an update to the peak cladding temperature (PCT) margin for Ginna Station (References a and b).

The large break LOCA analysis of record has been re-analyzed (Reference a). The new large break LOCA PCT is 2087°F and is summarized in Attachment 1 to this letter.

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The small break LOCA PCT has not changed since the last report (Reference b). The small break LOCA PCT remains at 1346°F and is summarized in Attachment 1 to this letter.

Very truly yours,

  
Robert C. Mecredy

**Attachments**

**cc: Mr. Robert Clark (Mail Stop O-8-C2)  
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**U.S. NRC Ginna Senior Resident Inspector**

**ATTACHMENT I**  
**LOCA PCT SUMMARY**  
**JUNE 2003 UPDATE**

**ATTACHMENT I**

**LOCA PCT SUMMARY**

**Large Break LOCA  
R.E. Ginna Nuclear Power Plant  
Rochester Gas and Electric Corporation**

**Evaluation Model: UPI SECY  
 $F_Q = 2.45$   $F_{\Delta H} = 1.75$**

**Fuel: OFA  
SGTP = 15%**

**A. Analysis of Record (3/03) (effective 6/03)**

**PCT = 2087° F**

**B. Other Margin Allocations**

**1. None**

**$\Delta$ PCT = 0° F**

**Licensing Basis**

**PCT = 2087° F**

**Revision Date: 6/2003**

# ATTACHMENT I

## LOCA PCT SUMMARY

Small Break LOCA  
R.E. Ginna Nuclear Power Plant  
Rochester Gas and Electric Corporation

Evaluation Model: NOTRUMP Fuel: OFA  
 $F_Q = 2.50$   $F_{\Delta H} = 1.75$  SGTP = 15%

A.	Analysis of Record (6/95) (effective 6/96)	$\Delta$ PCT = 1308°F
B.	1995 10CFR50.46 Model Assessments	
	1. Notrump Specific Enthalpy Error	$\Delta$ PCT = 20°F
	2. SALIBRARY Double Precision Errors	$\Delta$ PCT = -15°F
C.	1996 10CFR50.46 Model Assignments	
	1. SBLOCA Fuel Rod Initialization Error	$\Delta$ PCT = 10°F
D.	1997 10CFR50.46 Model Assessment	
	1. None	$\Delta$ PCT = 0°F
E.	1998 10CFR50.46 Model Assessments	
	1. None	$\Delta$ PCT = 0°F
F.	1999 10CFR50.46 Model Assessments	
	1. None	$\Delta$ PCT = 0°F
G.	2000 10CFR50.46 Model Assessments	
	1. NOTRUMP - Mixture Level Tracking/ Region Depletion Errors	$\Delta$ PCT = 13°F
H.	2001 10CFR50.46 Model Assessments	
	1. None	$\Delta$ PCT = 0°F
I.	2002 10CFR50.46 Model Assessments	
	1. None	$\Delta$ PCT = 0°F
J.	Ginna Evaluations	
	1. Annular Axial Pellets (1997 evaluation; SEV-1108)	$\Delta$ PCT = 10°F
K.	Other Margin Allocations	
	1. None	$\Delta$ PCT = 0°F

Licensing Basis

PCT = 1346°F

Revision Date: 6/2003