

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:

$F_Q = 2.45$

UPI SECY

$F_{\Delta H} = 1.75$

Fuel: OFA

SGTP = 15%

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

PCT = 2087° F

B. Other Margin Allocations

1. None

$\Delta PCT = 0^\circ F$

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

Licensing Basis

PCT = 1346°F

Revision Date: 6/2003