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 MECREDY, R.C. Rochester Gas & Electric Corp.
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 VISSING, G. Document Control Branch (Document Control Desk)

SUBJECT: Informs that Westinghouse provided util w/update to PCT margin for Ginna.

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ROBERT C. MECREDY
Vice President
Nuclear Operations

July 8, 1996

U.S. Nuclear Regulatory Commission
Document Control Desk
Attn: Guy Vissing
Project Directorate I-1
Washington, D.C. 20555

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

Dear Mr. Vissing:

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

Westinghouse, the provider of LOCA analysis for the Ginna Nuclear Power Plant, has provided RG&E with an update to the peak cladding temperature (PCT) margin for Ginna (Reference a). The large break LOCA evaluation model has been changed by Amendment No. 61 to the Ginna Technical Specifications to References (b) through (e) (see Specification 5.6.5). The large break LOCA PCT is 2099°F and is summarized in Attachment 1 to this letter.

The small break LOCA evaluation model has also been changed by the Technical Specification Amendment No. 61 to Reference (f) (See Specification 5.6.5) and incorporates the Reference (g) model, which is currently under NRC Staff review. The acceptability of using the Reference (g) model is documented in NRC Safety Evaluation dated Feb. 27, 1996 (Ref. h). The small break LOCA PCT is 1313°F and is summarized in Attachment 1 to this letter.

Very truly yours,


Robert C. Mecredy

RWE/429

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- Ref. (a): Westinghouse letter RGE-96-204, Subject: 10CFR50.46, Annual Notification and Reporting, dated February 9, 1996.
- (b) WCAP-10924-P-A, Volume 1, Rev. 1, and Addenda 1,2,3, "Westinghouse Large-Break LOCA Best-Estimate Methodology, Volume 1: Model Description and Validation," December 1988.
- (c) WCAP-10924-P-A, Volume 2, Rev. 2, and Addenda, "Westinghouse Large-Break LOCA Best-Estimate Methodology, Volume 2: Application to Two-Loop PWRs Equipped with Upper Plenum Injection," December 1988.
- (d) WCAP-10924-P-A, Rev. 2 and WCAP-12071, "Westinghouse Large-Break LOCA Best Estimate Methodology, Volume 2: Application to Two Loop PWRs Equipped with Upper Plenum Injection, Addendum 1: Responses to NRC Questions," December 1988.
- (e) WCAP-10924-P, Volume 1, Rev. 1, Addendum 4, "Westinghouse LBLOCA Best Estimate Methodology; Model Description and Validation; Model Revisions," August 1990.
- (f) WCAP-10054-P-A and WCAP-10081, "Westinghouse Small Break ECCS Evaluation Model Using the NOTRUMP Code," August 1985.
- (g) WCAP-10054-P, Addendum 2, "Addendum to the Westinghouse Small Break ECCS Evaluation Model Using the NOTRUMP Code: Safety Injection into the Broken Loop and COSI Condensation Model," August 1994.
- (h) NRC letter from A. R. Johnson to R. C. Mecredy (RG&E), Subject: R.E. Ginna Nuclear Power Plant Small-Break Loss-of-Coolant Accident Analysis Model, dated Feb. 27, 1996.

Attachment

xc: Mr. Guy Vissing (Mail Stop 14C7)
Project Directorate I-1
Washington, D.C. 20555

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

Ginna Senior Resident Inspector

ATTACHMENT 1
LOCA PCT SUMMARY

ATTACHMENT 1

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) PCT = 1308°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. Other margin allocations
 - 1. none $\Delta PCT = 0^\circ F$

Licensing Basis

PCT = 1313°F

Revision Date: 7/96

ATTACHMENT 1

LOCA PCT SUMMARY

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

Evaluation Model: UPI SECY Fuel: OFA
 $F_Q = 2.45$ $F_{\Delta H} = 1.75$ SGTP = 15%

- A. Analysis of Record (5/95) (effective 6/96) PCT = 2051°F
- B. 1995 10CFR50.46 Model Assessments
 - 1. Fixed heat transfer node assignment
error/Accumulator water injection
error $\Delta PCT = 48^\circ F$
- C. Other margin allocations
 - 1. none $\Delta PCT = 0^\circ F$

Licensing Basis

PCT = 2099°F

Revision Date: 7/96

