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March 28, 2006

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: R.E. Ginna Nuclear Power Plant
Docket No. 50-244

10CFR50.46 30 Day and Annual ECCS Report

- References:
- (a) Westinghouse Letter LTR-LIS-06-117, Subject: 10CFR50.46 Annual Notification and Reporting for 2005, dated March 6, 2006.
 - (b) Letter from Mary G. Korsnick (Ginna LLC) to Donna M. Skay (NRC), "License Amendment Request Regarding Revised Loss of Coolant Accident (LOCA) Analyses – Changes to Accumulator, Refueling Water Storage (RWST), and Administrative Control Technical Specifications", dated April 29, 2005.

In accordance with the requirements in 10CFR50.46 paragraph (a)(3)(ii), this 30 day and annual Emergency Core Cooling System (ECCS) report is hereby submitted by R.E. Ginna Nuclear Power Plant, LLC (Ginna LLC).

Westinghouse, the provider of loss of coolant accident (LOCA) analysis services for the R.E. Ginna Nuclear Power Plant, has provided an update to the peak cladding temperature (PCT) margin in Reference (a). A summary of the cumulative PCT changes can be found in Attachment 1 to this letter.

The large-break LOCA PCT has increased by 13°F since the last annual report. The large-break LOCA PCT is currently at 2100°F.

The small-break LOCA PCT has not changed since the last annual report. The small-break LOCA PCT remains at 1381°F. Because the cumulative sum of the absolute magnitudes of the effects on the small-break LOCA PCT remain greater than 50°F, the changes conservatively qualify as being significant as defined in 10CFR50.46(a)(3)(i). Consequently, the cumulative changes are being reported in this 30 day report.

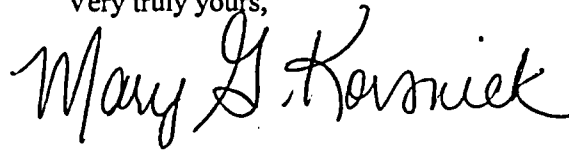
The small-break LOCA PCT value determined in the analysis of record, when combined with all PCT margin allocations, remains over 800°F below the 10CFR50.46 acceptance criteria of 2200°F. As such, no reanalysis is currently planned to address the specific issues raised in Attachment 1. Ginna LLC has previously submitted (Reference (b)) new large-break LOCA and small-break LOCA analyses in support of the planned power uprate of the facility.

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If you should have any questions regarding this submittal, please contact Robert Randall at (585) 771-3734.

Very truly yours,

A handwritten signature in black ink that reads "Mary G. Korsnick". The signature is written in a cursive style with a large, prominent "M" and "K".

Mary G. Korsnick

Attachment: LOCA PCT Summary, 2006 Update

cc: S. J. Collins, NRC
P. D. Milano, NRC
Resident Inspector, NRC

ATTACHMENT (1)

LOCA PCT SUMMARY

2006 UPDATE

ATTACHMENT 1

LOCA PCT SUMMARY

Large-Break LOCA
R.E. Ginna Nuclear Power Plant

	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.	2004 10CFR50.46 Model Assessments 1. None		$\Delta PCT = 0^\circ F$
C.	2005 10CFR50.46 Model Assessments 1. SECY Cold Leg Nozzle Expansion		$\Delta PCT = 13^\circ F$
D.	Other Margin Allocations 1. None		$\Delta PCT = 0^\circ F$
	Licensing Basis		PCT = 2100°F

ATTACHMENT 1

LOCA PCT SUMMARY

Small-Break LOCA R.E. Ginna Nuclear Power Plant

	Evaluation Model: $F_Q = 2.50$	NOTRUMP $F_{\Delta H} = 1.75$	Fuel: OFA 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.	2003 10CFR50.46 Model Assessments		
	1. NOTRUMP – Bubble Rise / Drift Flux Model Inconsistencies		$\Delta PCT = 35^\circ F$
K.	2004 10CFR50.46 Model Assessments		
	1. None		$\Delta PCT = 0^\circ F$
L.	2005 10CFR50.46 Model Assessments		
	1. None		$\Delta PCT = 0^\circ F$
M.	Ginna Evaluations		
	1. Annular Axial Pellets (1997 evaluation, SEV-1108)		$\Delta PCT = 10^\circ F$
N.	Other Margin Allocations		
	1. None		$\Delta PCT = 0^\circ F$
	Licensing Basis		$PCT = 1381^\circ F$