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GNRO-2015/00067

October 28, 2015

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

**SUBJECT:** 2015 Report of Changes and Errors to 10CFR50.46  
Grand Gulf Nuclear Station, Unit 1  
Docket No. 50-416  
License No. NPF-29

**REFERENCE:** Letter GNRO-2014/00072, "2014 Report of Changes and Errors to 10CFR50.46," dated November 12, 2014. (ML 14316A171)

Dear Sir or Madam:

In accordance with 10CFR50.46 (a)(3)(ii) Grand Gulf Nuclear Station, Unit 1 (GGNS) is required to report to the Commission, at least annually, the estimated effect on the limiting Emergency Core Cooling System (ECCS) analysis caused by changes to or errors discovered in the acceptable ECCS evaluation model.

Since the last 10CFR50.46 report dated November 12, 2014 [see Reference], there have been no changes or errors discovered in the GGNS ECCS evaluation model. The table below summarizes the effects of all changes or errors to the current GGNS ECCS analysis performed by General Electric-Hitachi Nuclear Energy (GEH) for the current reporting period.

Evaluation Model: SAFER/GESTR-LOCA

Notification	Nature Of Change	Estimated PCT Effect ( $\Delta$ PCT)	
		GE14	GNF2
N/A	No changes or errors have been identified since the last 10CFR50.46 report for GGNS	N/A	N/A
Cumulative Sum of Absolute Magnitude of Errors During this Period.		0°F	0°F

The post Refueling Outage 19 (RF19) GGNS core is comprised of only GNF2 fuel. The GNF2 fuel has a current licensing basis Peak Cladding Temperature (PCT) of <1755°F (this includes impacts of changes and errors reported during pervious reporting periods), which is below the 2200°F acceptance criterion of 10CFR50.46.

This letter contains no new commitments. Should you have any questions or require additional information, please contact James Nadeau at (601) 437-2103.

Sincerely,

A handwritten signature in black ink, appearing to read "J. J. Nadeau". The signature is fluid and cursive, with the first name "J. J." and the last name "Nadeau" clearly distinguishable.

JJN/tmc

cc:

U.S. Nuclear Regulatory Commission  
ATTN: Mr. A. Wang, NRR/DORL (w/2)  
Mail Stop OWFN 8 B1  
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U.S. Nuclear Regulatory Commission  
ATTN: Mr. Marc Dapas (w/2)  
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