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GNRO-2005/00061

November 3, 2005

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

Subject: Report of Changes and Errors to 10CFR50.46
Grand Gulf Nuclear Station
Docket No. 50-416
License No. NPF-29

Reference: GNRO-2004/00063

Ladies and Gentlemen:

In accordance with 10 CFR 50.46 (a)(3)(ii), Grand Gulf Nuclear Station (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 acceptable ECCS evaluations.

Upon completion of RF14, GGNS contains a full core of Atrium-10 fuel provided by Framatome-ANP (FANP). As such, the ECCS analysis performed by General Electric Nuclear Energy (GENE) is no longer applicable to GGNS. The Table below summarizes the current ECCS analysis performed by FANP using their NRC approved methodology. There have been no changes or errors associated with the GGNS ECCS analyses since the last 10 CFR 50.46 report referenced above.

Notification	Nature of change	Estimated PCT Effect
None	No changes or errors have been identified since the last 10 CFR 50.46 report for GGNS.	N/A
Sum of absolute magnitude of errors during this period		N/A
Cumulative sum of absolute magnitude of errors prior to this period		8
Cumulative sum of absolute magnitude of errors including this period		8

This letter does not contain any commitments. Should you have any questions or require additional information, please contact this office.

Yours truly,

A handwritten signature in black ink, appearing to be 'CAB/WBA', written over a horizontal line.

CAB/WBA

cc: NRC Senior Resident Inspector
Grand Gulf Nuclear Station
Port Gibson, MS 39150

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