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August 2, 2013

RBG-47375

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

Subject: River Bend Station - Unit 1
 Docket No. 50-458
 License No. NPF-47
 Report of Changes and Errors to 10CFR50.46

- References:
1. Letter RBG-47270, "Report of Changes and Errors to 10CFR50.46," dated August 7, 2012.
 2. Letter LRW-ENO-GEN-12-131, "Entergy Plants 10 CFR 50.46 Notification 2012-01 Letter (Proprietary)"

Dear Sir or Madam:

There has been one notice of changes or errors associated with the RBS ECCS analysis since the last 10CFR50.46 report provided to the NRC [Reference 1]. The table below summarizes the effects on the current ECCS analysis performed by General Electric – Hitachi Nuclear Energy (GEH) using their NRC approved SAFER/GESTR – LOCA methodology.

Notification	Nature of change	Estimated PCT Effect		
		A10	GE14	GNF2
NL-2012-01	PRIME Fuel Properties Implementation for Fuel Rod T/M	40	0	45
	Sum of absolute magnitude errors during this period.	40	0	45
	Cumulative sum of absolute magnitude of errors prior to this period.	65	65	65
	Cumulative sum of absolute magnitude of errors including this period.	105	65	110

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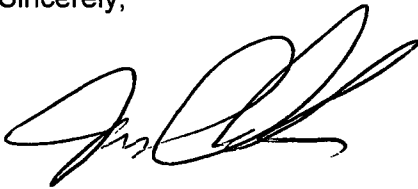
Since the last 10 CFR 50.46 report provided to the NRC [Reference 1], RBS has performed Refueling Outage 17 where the last of the ATRIUM-10 (A10) fuel type was removed from the reactor core. The RBS core is now comprised of GE14, and GNF2 fuel types. However, for completeness, the ATRIUM-10 values are reported. ATRIUM-10 values will not be included in future reports.

Prior to its removal from the reactor core, the ATRIUM-10 fuel was the limiting fuel type. After the removal of the ATRIUM-10 fuel, GNF2 is now the limiting fuel type with a PCT of 1790°F after adjusting for all outstanding errors and changes the GNF2 fuel remains below the acceptance criterion of 10 CFR 50.46.

This letter does not contain any commitments.

For further information, please contact me at (225) 381-4177.

Sincerely,



JAC/bmb

RBF1-13-0090

cc: Regional Administrator
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