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Timothy A. Schenk
Manager, Regulatory Assurance

September 12, 2016

RBG-47710

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

Reference: Letter RBG-47610, "Report of Changes and Errors to 10 CFR 50.46,"
dated August 31, 2015

Dear Sir or Madam:

There has been no notice of changes or errors associated with the RBS ECCS analysis since the last 10 CFR 50.46 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. 10 CFR 50.46 error notifications up to and including NL-2014-04 have been incorporated.

GNF3 remains the limiting fuel type with a PCT of 1830°F., The PCT for the GNF3 fuel remains below the 2200°F acceptance criteria of 10 CFR 50.46.

ADD2
NRR

Notification Letter	Nature Of Change / Error	Estimated PCT Effect (°F)	
		GNF2	GNF3
Previous Periods			
NL-2014-04	SAFER04A E4 – Bundle / Lower Plenum CCFL Head	0	0
NL-2014-03	SAFER04A E4 – Minimum Core DP Model	-15	-15
NL-2014-02	SAFER04A E4 – Mass Non-Conservatism	0	0
NL-2014-01	SAFER04A E4 – Maintenance Update Changes	0	0
NL-2012-01	PRIME Fuel Properties Implementation for Fuel Rod T/M Performance, replacing GESTR Fuel Properties	45	45
NL-2011-03	Impact of updated formulation for gamma heat deposition to channel wall for 9x9 and 10x10 fuel bundles	-40	-40
NL-2011-02	Impact of database error for heat deposition on the Peak Cladding Temperature (PCT) for 10x10 fuel bundles	25	25
Net of errors / changes		15	15
Sum of absolute magnitude of changes / errors		125	125

This letter does not contain any commitments.

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

Sincerely,



TAS/bmb

cc: U. S. Nuclear Regulatory Commission
Region IV
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NRC Senior Resident Inspector
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U. S. Nuclear Regulatory Commission
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Rockville, MD 20852

Department of Environmental Quality
Office of Environmental Compliance
Radiological Emergency Planning and Response Section
Ji Young Wiley
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Public Utility Commission of Texas
Attn: PUC Filing Clerk
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Austin, TX 78711-3326

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