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G3NO-2008-00033

December 12, 2008

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

DOCKET NO.: 52-024

SUBJECT: Environmental Report Revision Regarding Mississippi River Flow Velocity Data (GG3 COLA)

REFERENCE: 1. Entergy Operations, Inc. letter to NRC, *Application for Combined License for Grand Gulf Unit 3*, dated February 27, 2008 (ADAMS Accession No. ML080640433)

Dear Sir or Madam:

In Reference 1, Entergy Operations, Inc. (Entergy) submitted an application for a combined license (COL) for Grand Gulf Nuclear Station (GGNS), Unit 3.

On December 2, 2008, a conference call was held with the NRC Staff to discuss key COLA Environmental Report (ER) impacts resulting from ESBWR Design Control Document (DCD) changes, GGNS-3 design changes, and Final Safety Analysis Report (FSAR) requests for additional information (RAI) responses. During this call the use of Mississippi River flow velocity data provided in the ER Subsection 2.3.3 and Table 2.3-205 was discussed.

This flow velocity data was collected in conjunction with a Mississippi River bathymetry and temperature survey used to support ER development but was not used in the ER for evaluation of impacts. In particular, this near-shore velocity data was not used as input to the CORMIX model for thermal plume analysis. Presentation of the data in the ER, and the fact that it was not used for analysis or evaluation of impacts, caused some confusion on the part of the NRC Staff reviewers as to the purpose of the velocity data.

As a result, it was agreed that the ER will be revised to remove the Mississippi River flow velocity data collected during this bathymetry/temperature survey. Specific revisions will include:

- Revising the text in ER Sections 2.3, 5.2.3, 5.3.2.1, and 6.1.1 to remove references to these flow velocity measurements
- Revising Table 2.3-205 to remove flow velocity data

DOB  
NRO

Should you have any questions, please contact me or Mr. Tom Williamson of my staff. Mr. Williamson may be reached as follows:

Telephone: (601) 368-5786

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Mail Stop M-ECH-21  
Jackson, MS 39213

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This letter contains new commitments as identified in Attachment 1.

Sincerely,



Thomas J. Williamson  
for W.K. Hughey

WKH/ghd

Attachment: 1. Regulatory Commitments

cc (e-mail unless otherwise specified):

**NRC**

NRC Project Manager – Grand Gulf Unit 3 COLA  
NRC Project Manager – North Anna Unit 3 COLA  
NRC Director – Division of Construction Projects (Region II)  
NRC Regional Administrator - Region IV  
NRC Resident Inspectors' Office - GGNS

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Ms. T. Dozier  
Mr. R. Foster  
Mr. J. Hales  
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**Entergy**

Mr. T. A. Burke (ECH)  
Mr. C. E. Brooks (ECH)  
Mr. F. G. Burford (ECH)  
Mr. G. H. Davant (ECH)  
Mr. W. H. Hammett (M-ELEC)  
Mr. P. D. Hinnenkamp (ECH)  
Ms. D. Jacobs (ECH)  
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Mr. J. Smith (ECH)  
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Ms. K. A. Washington (L-ENT)  
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Mr. S. P. Frantz (Morgan, Lewis & Bockius)  
Mr. J. Hegner (Dominion)  
Mr. B. R. Johnson (GE-Hitachi)  
Mr. P. Smith (DTE)

**ATTACHMENT 1**

**G3NO-2008-00033**

**REGULATORY COMMITMENTS**

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The following table identifies those actions committed to by Entergy in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments.

COMMITMENT	TYPE (Check one)		SCHEDULED COMPLETION DATE (If Required)
	ONE-TIME ACTION	CONTINUING COMPLIANCE	
<p>The COLA ER will be revised to remove the Mississippi River velocity data collected during the bathymetry/temperature survey, as follows:</p> <ul style="list-style-type: none"> <li>• Revise the text in ER Sections 2.3, 5.2.3, 5.3.2.1, and 6.1 to remove references to these flow velocity measurements</li> <li>• Revise Table 2.3-205 to remove flow velocity data</li> </ul>	✓		Future COLA Submittal