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G3NO-2008-00017

November 5, 2008

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

DOCKET: No. 52-024

SUBJECT: Response to NRC Request for Additional Information, Letter No. 16
(GG3 COLA)

REFERENCE: NRC Letter to Entergy Nuclear, *Request for Additional Information
Letter No. 16 Related to the SRP Section 14.2 for the Grand Gulf
Combined License Application*, dated October 22, 2008 (ADAMS
Accession No. ML082950428).

Dear Sir or Madam:

In the referenced letter, the NRC requested additional information on one item to support the review of certain portions of the Grand Gulf Unit 3 Combined License Application (COLA). The response to the following Request for Additional Information (RAI) is provided as Attachment 1 to this letter:

- RAI Question 14.02-4, Additional Testing for Site-Specific SSCs and/or Design Features

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

Mailing Address: 1340 Echelon Parkway
Mail Stop M-ECH-21
Jackson, MS 39213

E-Mail Address: twilli2@entergy.com

This letter contains no commitments.

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NFO

I declare under penalty of perjury that the foregoing is true and correct.

Executed on November 5, 2008.

Sincerely,

A handwritten signature in cursive script, appearing to read 'WKH', followed by a horizontal line and the word 'Hughes' in a similar script.

WKH/ghd

Attachment: 1. Response to RAI Question No. 14.02-4

cc (email unless otherwise specified):

Mr. T. A. Burke (ECH)
Mr. S. P. Frantz (Morgan, Lewis & Bockius)
Mr. B. R. Johnson (GE-Hitachi)
Ms. M. Kray (NuStart)
Mr. P. D. Hinnenkamp (ECH)

NRC Project Manager – GGNS COLA
NRC Director – Division of Construction Projects (Region II)
NRC Regional Administrator - Region IV
NRC Resident Inspectors' Office - GGNS

ATTACHMENT 1

G3NO-2008-00017

RESPONSE TO NRC RAI LETTER NO. 16

RAI QUESTION NO. 14.02-4

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NRC RAI 14.02-4

Regulatory Guide (RG) 1.68, Section C.1, "Criteria for Selection of Plant Features to be Tested," provides the criteria for selection of plant features to be tested during the initial test program (ITP). FSAR Section 14.2.9, "Site Specific Preoperational and Startup Tests," contains the site-specific ITP testing that may be required for systems, structures, and components (SSCs) outside of the ESBWR design certification. The list of test abstracts includes the following systems: Station Service Water Preoperational Test, Cooling Tower Preoperational Test, Personnel Monitors and Radiation Survey Instruments Preoperational Test, Electrical Switchyard System Preoperational Test, and Cooling Tower Performance Test. Please confirm that there are no additional site-specific SSCs and/or design features that meet the criteria RG 1.68 Section C.1. If additional testing is identified, please add such testing to FSAR Section 14.2.

Entergy Response

The criteria in RG 1.68, Section C.1, for selecting plant features to be tested during the ITP, were reviewed against the site-specific SSCs, design features, and performance capabilities to determine if any additional testing is required. There were no additional site-specific SSCs, design features, or performance capabilities identified that meet these criteria.

Proposed COLA Revision

None