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G3NO-2008-00029

December 16, 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. 24
(GG3 COLA)

REFERENCE: NRC Letter to Entergy Nuclear, *Request for Additional Information
Letter No. 24 Related to the SRP Section 14.2 for the Grand Gulf
Combined License Application*, dated November 24, 2008 (ADAMS
Accession No. ML083260639).

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 (GG3 COLA). The response to the following Request for Additional Information (RAI) in the referenced letter is provided in Attachment 1 to this letter as follows:

1. RAI Question 14.02-5, General test methods and acceptance criteria

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 new commitments.

DOSS
MRO

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

Executed on December 16, 2008.

Sincerely,



WKH/ghd

Attachment: 1. Response to RAI Question No. 14.02-5

cc (email 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

Ms. B. Abeywickrama
Ms. T. Dozier
Mr. R. Foster
Mr. J. Hales
Ms. J. Jessie

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)
Ms. K. J. Lichtenberg (L-ENT)
Ms. D. Millar (ECH)
Ms. L. A. Patterson (ECH)
Mr. G. A. Rolfson (ECH)
Mr. J. Smith (ECH)
Mr. G. L. Sparks (ECH)
Ms. K. A. Washington (L-ENT)
Mr. T. L. Williamson (ECH)
Mr. M. D. Withrow (ECH)
Mr. G. A. Zinke (ECH)

ATTACHMENT 1

G3NO-2008-00029

RESPONSE TO NRC RAI LETTER NO. 24

RAI QUESTION NO. 14.02-5

RAI QUESTION NO. 14.02-5

NRC RAI 14.02-5

10 CFR 30.53(C) requires testing of radiation detection and monitoring instruments. RG 1.68, Appendix A Section 1.K states that appropriate tests should be conducted to demonstrate the proper operation of systems and components used to monitor or measure radiation levels, provide for personnel protection or control or limit the release of radioactivity.

The "General Test Methods and Acceptance Criteria," in FSAR Section 14.2.9.1.3, does not adequately address radiation monitors and/or survey instruments with range selection. In FSAR Section 14.2.9.1.3, provide a bullet to address the proper functioning and operation of range selection and response in each range or justify your basis for not including it.

Entergy Response

This RAI makes reference to FSAR Section 14.2.9.1.3 and requests to include an additional clarifying statement. Entergy agrees with this assessment. However, as a result of Entergy's response to NRC Letter No. 13, RAI 14.02-1¹, this FSAR section has been deleted in its entirety.

As stated in the response to RAI 14.02-1, applicable standards for testing of radiation monitors and/or survey instruments are ANSI/IEEE N323A, "Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments," and ANSI/IEEE N323D, "Installed Radiation Protection." These standards address the aspects discussed in this RAI.

Proposed COLA Revision

None

¹ Entergy letter, *Responses to NRC Requests for Additional Information, Letter No. 13 (GG3 COLA)*, dated November 05, 2008 (ML083120151)