



Entergy Operations, Inc.  
P. O. Box 756  
Port Gibson, MS 39150

Kevin Mulligan  
Site Vice President  
Grand Gulf Nuclear Station  
Tel. (601) 437-7400

GNRO-2015/00040

June 18, 2015

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

SUBJECT: Response to License Amendment Request for Revision of Five Technical  
Specification Allowable Value Setpoints Request for Additional Information,  
Set #2  
Grand Gulf Nuclear Station, Unit 1  
Docket No. 50-416  
License No. NPF-29

REFERENCE: 1. Entergy Letter, "License Amendment Request for Revision of Five  
Technical Specification Allowable Value Setpoints," GNRO-2014/00014,  
dated August 1, 2014 (ADAMS Accession No. ML14216A383).

Dear Sir or Madam:

Entergy Operations, Inc. is providing a docketed response to the concern raised via teleconference regarding the License Amendment Request for Revision of Five Technical Specification Allowable Value Setpoints in the Attachment. The attached information is being provided per Nuclear Regulatory Commission (NRC) request for documentation and record keeping purposes.

This letter contains no new commitments. If you have any questions concerning this submittal, please contact Mr. James Nadeau at (601) 437-2103.

I declare under penalty of perjury that the foregoing is true and correct; executed on June 18, 2015.

Sincerely,

A handwritten signature in black ink, appearing to read "KJM/tmc", with a long, sweeping underline.

KJM/tmc

Attachment: Response of Teleconference Concern  
cc (See next page)

cc:

U.S. Nuclear Regulatory Commission  
ATTN: Mr. A. Wang, NRR/DORL (w/2)  
Mail Stop OWFN 8 B1  
11555 Rockville Pike  
Rockville, MD 20852-2738

U.S. Nuclear Regulatory Commission  
ATTN: Mr. Marc L. Dapas (w/2)  
Regional Administrator, Region IV  
1600 East Lamar Boulevard  
Arlington, TX 76011-4511

NRC Senior Resident Inspector  
Grand Gulf Nuclear Station  
Port Gibson, MS 39150

Attachment  
to GNRO-2015/00040

Response to Teleconference Concern

Concern:

Four of the 5 Allowable Values included in the License Amendment Request (LAR) calculations left out the  $1.645/2$  term. The concern is that, while conservative, this is a deviation from the General Electric (GE) setpoint methodology described in NEDC-31336P-A, General Electric Instrument Setpoint Methodology.

Response:

The term  $1.645/2$  was deliberately not included in the calculations for 4 of the 5 Allowable Values (AV) (resulting in a more conservative value) since the setpoints were double-bounded. The one single-bounded AV included the term due to it being single bounded. Grand Gulf Nuclear Station's calculations are performed in accordance with JS09, Methodology for the Generalization of Instrument Loop Uncertainty and Setpoint Calculations, and allows the inclusion of the  $1.645/2$  term for cases with limited margin. Upon receipt of the license amendment, Grand Gulf Nuclear Station will revise the 4 calculations to include the new AVs.