



Entergy Operations, Inc.
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Kevin Mulligan
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Grand Gulf Nuclear Station
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GNRO-2015/00042

June 30, 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, Rev 1
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 revised 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 30, 2015.

Sincerely,

Handwritten signature of Thomas Costa for K.J. Mulligan.

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-2015/00042

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', which 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 and an explanation regarding non-inclusion of the $1.645/2$ term in the double-bounded cases.