



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

February 7, 2018

Mr. Eric Larson, Site Vice President  
Entergy Operations, Inc.  
Grand Gulf Nuclear Station  
P.O. Box 756  
Port Gibson, MS 39150

**SUBJECT: GRAND GULF NUCLEAR STATION, UNIT 1, RESPONSE TO CLARIFICATION  
OF INITIAL RESPONSE TO A NOTICE OF VIOLATION AND NUCLEAR  
REGULATORY COMMISSION INSPECTION REPORT 05000416/2017012**

Dear Mr. Larson:

Thank you for your letter of December 21, 2017, (ML17362A041) which provided clarifying information to supplement your September 21, 2017, reply (ML17269A031) to the Notice of Violation concerning calibration of the main steam line and containment/drywell high range radiation monitors. The Notice of Violation was issued on August 22, 2017, in NRC Inspection Report 05000416/2017012 (ML17235B265).

The NRC identified several discrepancies in your initial response that required clarification. We have reviewed these clarifications in conjunction with your initial response to the Notice of Violation and find that they address the violation and the corrective actions taken. Following review of your responses to the Notice of Violation, we concluded that the surveillances performed on the main steam line and containment/drywell high range radiation monitors in response to the Notice of Violation demonstrate reasonably accurate instrument responses. However, the changes to the calibration procedures themselves warrant additional review. In particular, we noted that the procedures continue to allow tolerances significantly wider than industry norm. We will review the implementation of your corrective actions during a future inspection to determine that full compliance has been achieved and will be maintained.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice and Procedure," a copy of this letter will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access Management System (ADAMS), accessible from the NRC's Web site at <http://www.nrc.gov/reading-rm/adams.html>.

E. Larson

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The NRC also includes significant enforcement actions on its Web site at  
<https://www.nrc.gov/reading-rm/doc-collections/enforcement/actions/>.

Sincerely,

**/RA/**

Heather J. Gepford, Ph.D., CHP  
Chief, Plant Support Branch 2  
Division of Reactor Safety

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 RESPONSE TO NOTICE OF VIOLATION AND NUCLEAR REGULATORY COMMISSION  
 INSPECTION REPORT 05000416/2017012 – February 7, 2017

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 By: JJO ☒ Yes ☐ No ☒ Publicly Available ☐ Sensitive NRC-002

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