



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

GNRO-2014/00034

April 14, 2014

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

James J. Nadeau  
Manager, Regulatory Assurance  
Grand Gulf Nuclear Station  
Tel. (601) 437-2103

**SUBJECT:** Request for Information Regarding Request for Alternative in Accordance with 10 CFR 50.55a(a)(3)(i) Use of Boiling Water Reactor Vessel and Internals Project (BWRVIP) Guidelines in Lieu of Specific ASME Code Requirements (GG-ISI-017), dated June 27, 2013  
Grand Gulf Nuclear Station, Unit 1  
Docket No. 50-416  
License No. NPF-29

**REFERENCES:**

1. Request for Alternative in Accordance with 10 CFR 50.55a(a)(3)(i) Use of Boiling Water Reactor Vessel and Internals Project (BWRVIP) Guidelines in Lieu of Specific ASME Code Requirements (GG-ISI-017), dated June 27, 2013, (Accession No. ML13179A041).
2. U.S. NRC Electronic Request, Grand Gulf Nuclear Station Request for Additional Information Regarding BWRVIP Relief Request, dated December 26, 2013, (TAC ME2357).

Dear Sir or Madam:

Entergy Operations, Inc. is providing, in the Attachment, the response to request for additional information number 1 of Reference 2, Request for Additional Information. The request for additional information due date was revised per discussion with the Nuclear Regulatory Commission Project Manager for Grand Gulf. The revised due date was documented in the Reference 2 response.

This letter contains no new commitments. If you have any questions or require additional information, please contact Thomas Thornton at 601-437-6176.

Sincerely,

A handwritten signature in cursive script that reads "James J. Nadeau".

JJN/jas

Attachments: 1 Response to Request for Additional Information

cc: (see next page)

cc: U.S. Nuclear Regulatory Commission  
ATTN: Mr. Mark Dapas  
Regional Administrator, Region IV  
U.S. Nuclear Regulatory Commission  
1600 East Lamar Boulevard  
Arlington, TX 76011-4511

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

U. S. Nuclear Regulatory Commission  
ATTN: Mr. A. Wang, NRR/DORL  
Mail Stop OWFN/8 G14  
11555 Rockville Pike  
Rockville, MD 20852-2378

**Attachment to**

**GNRO-2014/00034**

**Response to Request for Additional Information**

The format for the Requests for Additional Information (RAI) responses below is as follows. The RAI is listed in its entirety as received from the Nuclear Regulatory Commission (NRC). This is followed by the Grand Gulf Nuclear Station (GGNS) RAI response to the individual question.

**RAI-1**

**Request**

The NRC staff requests that the licensee identify whether there are any furnace-sensitized stainless steel vessel attachment welds associated with the RVI components in GGNS. It is requested that the licensee provide an explanation regarding the type of inspection program and any additional augmented inspection programs that are implemented for any existing furnace-sensitized stainless steel attachment welds in GGNS.

**Response**

There are furnace-sensitized stainless steel vessel attachment welds associated with the RVI components at Grand Gulf Nuclear Station. The Jet Pump Riser Brace, Guide Rod Bracket and Steam Dryer Support attachment welds are furnace sensitized. The inspection strategy for internal attachments is found in Section 3 of BWRVIP-48-A and there are no additional augmented inspections performed on the interior attachment welds beyond that specified in BWRVIP-48-A.