



# HITACHI

## GE Hitachi Nuclear Energy

Jerald G. Head  
Senior Vice President, Regulatory Affairs

3901 Castle Hayne Road  
PO Box 780 M/C A-18  
Wilmington, NC 28402-0780  
USA

T 910 819 5692  
F 910 362 5692  
jerald.head@ge.com

MFN 14-071, Supplement 1, Revision 1

Docket number: 52-045

August 25, 2015

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

Subject: **NRC Request for Additional Information Letter Number 2 Related to Chapters 1, 2, and 12 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – GEH Revision to Supplemental Response to RAI 01.05-1**

Reference:

1. Letter from USNRC to Jerald G. Head, GEH, Subject: Request for Additional Information Letter No. 2 Related to Chapters 1, 2, and 12 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application, September 25, 2014
2. Letter from Jerald G. Head, GEH, to USNRC, Subject: Request for Additional Information Letter No. 2 Related to Chapters 1, 2, and 12 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – GEH Response to RAI 01.05-1, November 6, 2014
3. Letter from Jerald G. Head, GEH, to USNRC, Subject: Request for Additional Information Letter No. 2 Related to Chapters 1, 2, and 12 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – GEH Supplemental Response to RAI 01.05-1, June 18, 2015

In regard to the Requests for Additional Information transmitted in your September 25, 2014 letter, Reference 1, please find attached GEH's supplemental response to RAI 01.05-1.

In the public and private meeting held between the NRC and GEH on May 7<sup>th</sup>, 2015, GEH reviewed the closure plan for the "28-item backfit list" including the Requests for Additional Information (RAI) requests that GEH had submitted to date. During that meeting, the GEH response to RAI 01.05-1, Reference 2, was reviewed.

After that review of GEH's response to RAI 01.05-1, the NRC requested that GEH provide supplemental information for the staff's review which was provided in Reference 3. This supplemental response was discussed in a NRC public meeting on August 13, 2015, in which the NRC had a further clarification that was needed. This is a revised response to the supplemental response which addresses that clarification.

Please find attached the requested revised supplemental information to RAI 01.05-1. Enclosure 1 contains the complete response and is supplemented by additional information that the NRC requested, while Enclosure 2 contains the Design Control Document markups associated with this response and the supplemental information.

If you have any questions concerning this letter, please contact Hugh Upton at 408-314-8499.

I declare under penalty of perjury that the foregoing information is true and correct to the best of my knowledge, information, and belief.

Sincerely,



Jerald G. Head  
Senior Vice President, Regulatory Affairs

Commitments: No additional commitments are made in this response.

Enclosures:

1. GEH Response and Revised Supplemental Response to RAI 01.05-1
2. GEH Response and Revised Supplemental Response to RAI 01.05-1 – ABWR DCD  
DRAFT Revision 6 Markups

cc: Adrian Muniz, NRC  
Julie Leong, GEH  
Peter Yandow, GEH  
Hugh Upton, GEH  
Patricia Campbell, GEH  
Shailesh Sheth, GEH  
Gary Ehlert, GEH  
Erik Kirstein, GEH  
Tim Enfinger, GEH  
Lee Dougherty, GEH  
DBR-0012548