



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 14-075 Supplement 2

Docket number: 52-045

November 5, 2015

US 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 Supplemental Response #2 to RAI 02-1**

References:

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: 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 Response to RAI 02-1, November 19, 2014.
3. Letter from Jerald G. Head, GEH, to USNRC, 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 Supplemental Response to RAI 02-1, June 30, 2015

In regard to the Requests for Additional Information transmitted in your September 25, 2014 letter, Reference 1, GEH initially responded to RAI 02-1 in Reference 2. Following a public and private meeting held with the NRC on May 7th, GEH was requested to provide supplemental information to Reference 2. That supplemental information was provided in Reference 3.

In a public meeting held between the NRC and GEH on October 15th, 2015, Reference 3 was reviewed and GEH was requested to provide additional supplemental information for RAI 02-1 for the staff's review.

Please find attached the requested supplemental response #2 to RAI 02-1. 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 supplemental information request #2.

Please note that the ABWR DCD Revision 5 marked up pages in Enclosure 2 of this MFN letter should replace pages 5.0-2, 2.0-2, 3.3-1 and 3.3-2 provided in Reference 3, Enclosure 2. Enclosure 2 of this MFN letter includes the added text, deleted text and formatting changes necessary to respond to the NRC's request for supplemental information #2.

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 Supplemental Responses #1 and #2 to RAI 02-1
2. GEH Supplemental Response #2 to RAI 02-1 - ABWR DCD Revision 5 Markups

cc: Adrian Muniz, NRC
David Sledzik, GEH
Peter Yandow, GEH
Patricia Campbell, GEH
Shailesh R. Sheth, GEH
Hugh A. Upton, GEH
James A. Beard, GEH
Erik Kirstein, GEH
Gary Elhert, GEH
Donald Liou, GEH
DBR – 0011207