



HITACHI

GE Hitachi Nuclear Energy

Jerald G. Head

Senior Vice President, Regulatory Affairs

3901 Castle Hayne Road
P.O. Box 780 M/C/ A-18
Wilmington, NC 28402
USA

T 910 819 5692

Jerald.head@ge.com

M170090

Docket No. 52-045

April 13, 2017

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 #5 to RAI 02-1

Regarding the NRC Requests for Additional Information (RAIs) transmitted in a September 25, 2014, letter (Reference 1), GEH initially responded to RAI 02-1 in Reference 2. Supplemental information was provided in References 3 through 6. This letter provides additional supplemental information based on discussion with the NRC in a public teleconference held on March 2, 2017. Specifically, GEH provides a supplemental response (Enclosure 1) and DCD markups (Enclosure 2) to further refine and improve the clarity of the ABWR design bases for severe and extreme winds. The DCD markups will be included in Revision 7 of the ABWR DCD.

Please contact me or Patricia Campbell (202-637-4239) if you have any questions regarding this information.

Sincerely,

Jerald G. Head
Senior Vice President, Regulatory Affairs

Commitments: Submit DCD changes in DCD Revision 7.

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.
4. 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 #2 to RAI 02-1, November 5, 2015.
5. 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 #3 to RAI 02-1, January 12, 2016.
6. 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 #4 to RAI 02-1, November 16, 2016.

Enclosure:

1. GEH Supplemental Response #5 to RAI 02-1
2. ABWR Design Certification Renewal Design Control Document Markups

cc: A. Muniz, NRC
DBR-0023733