



HITACHI

GE Hitachi Nuclear Energy

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U.S. Nuclear Regulatory Commission
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Subject: **NRC Request for Additional Information Letter Number 1, Related to Chapters 6, 8, and 19 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – GEH Supplemental Response to RAI 06.02.01.01.C-1**

References:

1. Letter from USNRC to Jerald G. Head, GEH, Subject: Request for Additional Information Letter No. 1, Related to Chapters 6, 8, and 19 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application, April 24, 2014.
2. Letter from Jerald G. Head, GEH, to USNRC, Subject: NRC Request for Additional Information Letter Number 1, Related to Chapters 6, 8, and 19 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – GEH Response to RAI 06.02.01.01.C-1, August 27, 2014.
3. Letter from Jerald G. Head, GEH, to USNRC, Subject: NRC Request for Additional Information Letter Number 1, Related to Chapters 6, 8, and 19 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application - GEH Revised Response to RAI 06.02.01.01.C-1, August 11, 2015.

In regard to the Requests for Additional Information transmitted in your letter (Reference 1) dated April 24, 2014, Reference 3 transmitted GE Hitachi's (GEH) final response to RAI 06.02.01.01.C-1, which replaced our previous response sent in Reference 2.

In a public teleconference with the NRC Staff (Staff) on April 6, 2016, during which the Residual Heat Removal (RHR) Heat Exchanger design in our Reference 3 response was discussed, the Staff requested that GEH provide additional clarification on the RHR Heat Exchanger increased size and the associated analysis basis as described in ABWR DCD Tier 2, Section 5.4.

Enclosure 1 contains GEH's response to the Staff's request for supplemental information and Enclosure 2 contains the ABWR DCD Revision 6 markups associated with this response.

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 Supplemental Response to RAI 06.02.01.01.C-1
2. GEH Supplemental Response to RAI 06.02.01.01.C-1 – ABWR DCD Revision 6 Markups

cc: Adrian Muniz, NRC
Phil Sharpe, GEH
Saul Mintz, GEH
Peter Yandow, GEH
Hugh Upton, GEH
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