



# HITACHI

GE Hitachi Nuclear Energy

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**Proprietary Notice**

This letter transmits **proprietary information** in accordance with 10 CFR 2.390. Upon removal of **Enclosure 4**, the balance of the letter may be considered non-proprietary information.

M170209

Docket Number: 52-045

August 23, 2017

US Nuclear Regulatory Commission  
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Washington, DC 20555-0001

Subject: **NRC Requests for Additional Information Letter Numbers 11 and 13 Related to Chapter 6 for GE Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – GEH Revised Response to RAI 06.03-3 and Responses to RAIs 06.03-4 through 06.03-9**

The NRC letter dated March 28, 2017 (Reference 1) includes Request for Additional Information (RAI) 06.03-3 while the letter dated July 10, 2017 (Reference 2) includes RAIs 06.03-4 through 06.03-9, inclusive. GEH provided a response to RAI 06.03-3 in a letter dated April 25, 2017 (Reference 3). GEH's revised response to RAI 06.03-3 and responses to RAIs 06.03-4 through 06.03-9 are provided in Enclosure 1. Associated DCD markups are provided in Enclosure 2.

Also, please find GEH licensing technical report NED-33878, Revision 2 (NEDO public version, Enclosure 3; NEDE proprietary version, Enclosure 4) reflecting information in the RAI responses.

If you have any questions, please contact me or Tim Enfinger at 910-819-4881 ([timothy.enfinger@ge.com](mailto:timothy.enfinger@ge.com)).

Sincerely,

Jerald G. Head  
Senior Vice President, Regulatory Affairs

Commitments: No additional commitments are made.

## References:

1. Letter, NRC to J. Head (GEH), Subject: "Request for Additional Information Letter Number 11 Related to Chapter 6 for GE-Hitachi Nuclear Energy Advanced Boiling-Water Reactor Design Certification Rule Renewal Application," ML17087A290, March 28, 2017.
2. Letter, NRC to J. Head (GEH), Subject: "Request for Additional Information Letter Number 13 Related to Chapter 6 for GE-Hitachi Nuclear Energy Advanced Boiling-Water Reactor Design Certification Rule Renewal Application," ML17187A127, July 10, 2017.
3. Letter, J. Head (GEH) to NRC, Subject: "NRC Request for Additional Information Letter Number 11 Related to Chapter 6 for GE Hitachi Nuclear Energy Advanced Boiling-Water Reactor Design Certification Rule Renewal Application – GEH Response to RAI 06.03-3," M170106, April 25, 2017.

## Enclosures:

1. GEH Revised Response to RAI 06.03-3 and Responses to RAIs 06.03-4 through 06.03-9
2. ABWR DCD Markups for RAI Responses
3. NEDO-33878, Revision 2, ABWR ECCS Suction Strainer Evaluation of Long-Term Recirculation Capability, August 2017 – Class I (Public)
4. NEDE-33878P, Revision 2, ABWR ECCS Suction Strainer Evaluation of Long-Term Recirculation Capability, August 2017 – GEH Proprietary Information – Class II (Internal)

cc: A. Muniz (NRC)  
DBR-0031255 R0

**Document Components:**

001 M170209 Cover Letter.pdf  
002 M170209 Enclosure 1 Non-Proprietary.pdf  
003 M170209 Enclosure 2 Non-Proprietary.pdf  
004 M170209 Enclosure 3 Non-Proprietary.pdf  
005 M170209 Enclosure 4 Proprietary.pdf