



HITACHI

GE Hitachi Nuclear Energy

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US Nuclear Regulatory Commission
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Subject: GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – Updated Review of Unresolved Safety Issues (USI), Generic Safety Issues (GSI), Generic Letters (GL), NRC Bulletins and Operating Experience

Reference:

1. Letter from R.E. Kingston, GEH to USNRC, Subject: ABWR Standard Plant Design Certification Renewal Application Design Control Document, Revision 5, Tier 1 and Tier 2, December 7, 2010.
2. Letter from J. G. Head, GEH to USNRC, Subject: ABWR Standard Plant Design Certification Renewal Application Design Control Document, Revision 6, Tier 1 and Tier 2, February 19, 2016

In Reference 1, GE Hitachi Nuclear Energy (“GEH”) requested renewal of the ABWR standard plant design certification (10 CFR Part 52, Appendix A) and requested approval of an accompanying amendment to the ABWR Design Control Document (“DCD”) Revision 5, Tier 1 and Tier 2. GEH prepared the additional Information required by Draft NRC Review Guidelines for ABWR Certification Renewal when the application for ABWR certification renewal was submitted (see Reference 1 - ADAMS Accession No. ML110040176; MFN 10-342, Enclosure 1). In Reference 2, GEH transmitted to the NRC ABWR DCD Revision 6, Tier 1 and Tier 2 for use in GEH’s ABWR Design Certification Renewal Application.

This letter transmits an updated review of USIs, GSIs, GLs, NRC Bulletins and Operating Experience which covers the period from December 2010 until the present. This updated review will result in certain updates to the ABWR Design Control Document (DCD) to make it current.

Enclosure 1 contains GEH’s response to the NRC’s request to update this additional information as required by the Draft NRC Review Guidelines for ABWR Certification Renewal.

Enclosure 2 contains the ABWR DCD Revision 6 markups as a result of the updated review of USIs, GSIs, GLs, NRC Bulletins and Operating Experience.

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

Sincerely,

A handwritten signature in black ink that reads "Jerald Head". The signature is written in a cursive, slightly slanted style.

Jerald G. Head
Senior Vice President, Regulatory Affairs

Commitments: No additional commitments are made in the responses.

Enclosures:

1. GEH's Response to NRC's Request for Additional Information
2. GEH's Response to NRC's Request for Additional Information – ABWR DCD Revision 6 Markups

cc: Adrian Muniz, NRC
DBR – 0021685