



HITACHI

GE Hitachi Nuclear Energy

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US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Subject: **Peak Cladding Temperature/10 CFR 50.46 for the GE Hitachi Nuclear Energy Advanced Boiling Water Reactor (ABWR) Design Certification Renewal Application, Supplemental Information**

This letter submits supplemental information that expands upon the information provided in References 1 and 2. Specifically, the information in Enclosure 1 describes additional assessments performed as discussed in a public teleconference with the NRC held on February 9, 2017. Enclosure 2 provides the associated markups for the ABWR Design Control Document (DCD). The proposed changes will be incorporated into Revision 7 of the DCD.

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

Sincerely,

A handwritten signature in black ink that reads "Jerald G. Head".

Jerald G. Head
Senior Vice President, Regulatory Affairs

Commitments: None.

References:

1. Letter, J. G. Head (GEH) to Document Control Desk (NRC), MFN-16-059, Peak Cladding Temperature for GE Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application (August 19, 2016).
2. Letter, J. G. Head (GEH) to Document Control Desk (NRC), MFN-16-059, Supplement 1, Peak Cladding Temperature 2016 Annual Reporting Under 10 CFR 50.46 for the GE Hitachi Nuclear Energy Advanced Boiling Water Reactor (ABWR) Design Certification and the ABWR Design Certification Renewal Application (October 12, 2016).

Enclosures:

1. GEH Supplemental Information on Peak Cladding Temperature/10 CFR 50.46
2. ABWR DCD Markups, GEH Supplemental Information on Peak Cladding Temperature/10 CFR 50.46

cc: A. Muniz, NRC
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