



**HITACHI**

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Docket Number: 52-045

February 1, 2017

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

ATTN: Terry W. Jackson, Chief  
Quality Assurance Vendor Inspection Branch-1  
DCIP, Office of New Reactors

Subject: **Reply to NRC Letter Regarding GEH Response NRC Inspection Report No. 05200045/2016-201 and Notice of Violation**

Dear Mr. Jackson,

In your letter (Reference 1) regarding the GEH response to the NRC inspection for the Advanced Boiling Water Reactor (ABWR) design certification renewal aircraft impact assessment (Reference 2), you requested that GEH clarify if NEDE-33875P is incorporated by reference in the ABWR Design Control Document (DCD). It has been GEH's intent that NEDE-33875P be incorporated by reference in the DCD and that the content be considered part of the DCD. In a closed teleconference between GEH and the NRC held January 19, 2017, it was agreed that portions of NEDE-33875P should be incorporated by reference.

In the GEH response to the NRC inspection for the ABWR design certification renewal aircraft impact assessment (Reference 2), GEH explained actions taken to address items identified during the inspection. In letters to the NRC identifying DCD changes (References 3, 4, and 5), including Technical Report NEDE-33875P revisions, GEH expressed that NEDE-33875P was a reference that provides licensing basis information. Certain information in NEDE-33875P is considered proprietary and security-related, and it expands upon information related to the key design features of the ABWR design that are important in meeting the requirements in 10 CFR 50.150, "Aircraft Impact Assessment." On this basis, it is appropriate to provide such information in a technical report that can be incorporated by reference into the DCD.

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In the January 19, 2017, teleconference, GEH committed to revising the ABWR DCD, Section 1.6, to clarify that NEDE-33875P (or portions thereof) is incorporated by reference. During that call, the NRC and GEH discussed the content of NEDE-33875P and GEH plans to revise the report to address NRC feedback and questions. GEH expects to complete these revisions of the ABWR DCD and the technical report (both the proprietary and security-related version and the public version) by February 28, 2017.

If you have any questions regarding the information provided, please contact me or Patricia Campbell (202-637-4239).

Sincerely,



Jerald G. Head  
Senior Vice President, Regulatory Affairs

Commitments: GEH commits to provide DCD and NEDE revisions by February 28, 2017. No additional commitments are made in this letter.

References:

1. Letter, T. Jackson (NRC) to J. Head (GEH), GE Hitachi Nuclear Energy Response to Advanced Boiling Water Reactor Aircraft Impact Assessment Inspection, Nuclear Regulatory Commission Inspection Report No. 05200045/2016-201 and Notice of Violation, January, 25, 2017.
2. Letter, J. Head (GEH) to Document Control Desk (NRC), Reply to Notice of Violation, NRC Inspection Report 05200045/2016-201, December 7, 2017.
3. Letter, GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – ABWR DCD Changes for Aircraft Impact Assessment (AIA) - Key Design Features, September 2, 2016.
4. Letter, GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – ABWR DCD Changes for Aircraft Impact Assessment (AIA) - Key Design Features (Revision 1), September 14, 2016.
5. Letter, GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – ABWR DCD Changes for Aircraft Impact Assessment (AIA) - Key Design Features (Revision 2), November 23, 2016.

Enclosures: None.

cc: A. Muniz, NRC  
S. Smith, NRC  
DBR-0023935