



**HITACHI**

**GE Hitachi Nuclear Energy**

**Richard E. Kingston**  
Vice President, ESBWR Licensing

**Proprietary Notice**

This letter forwards proprietary information in accordance with 10CFR2.390. Upon the removal of Enclosure 1, the balance of this letter may be considered non-proprietary.

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MFN 09-484

Docket No. 52-010

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U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555-0001

**Subject: Transmittal of GE-Energy Steam Turbines (GE-ST) "ESBWR Steam Turbine – Low Pressure Rotor Missile Generation Probability Analysis" ST-56834/P, Revision 1 and ST-56834/N-P, Revision 1**

The purpose of this transmittal letter is to submit for information, per NRC staff request, the GE-ST "ESBWR Steam Turbine – Low Pressure Rotor Missile Generation Probability Analysis" ST-56834/P, Revision 1. The GE-ST "ESBWR Steam Turbine – Low Pressure Rotor Missile Generation Probability Analysis" ST-56834/P, Revision 1 is contained in Enclosure 1 and satisfies COL Information item number 10.2-2-A and the requirements found in Subsection 10.2.3.8 of the ESBWR DCD as revised by Reference 1. This is the "bounding" report as stated in the ESBWR DCD.

Enclosure 1 contains GE-ST proprietary information as defined by 10 CFR 2.390. GE-ST customarily maintains this information in confidence and withholds it from public disclosure. Enclosure 2 is the Non-Proprietary version of this Analysis, which does not contain proprietary information and is suitable for public disclosure. The Non-Proprietary LTR is identified by the GE-ST document number ST-56834/N-P, Revision 1.

The affidavit contained in Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GE-ST. GEH and GE-ST hereby request that the information in Enclosure 1 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17.

If you have any questions or require additional information, please contact me.

Sincerely,

*Richard E. Kingston*

Richard E. Kingston  
Vice President, ESBWR Licensing

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NLS

Reference:

- (1) MFN 08-289 Letter from James C. Kinsey to U.S. Nuclear Regulatory Commission titled, Response to Portion of NRC Request for Additional Information Letter No. 160 Related to ESBWR Design Certification Application - Turbine Generator - RAI Number 10.2-26 dated March 26, 2008

Enclosures:

1. GE-ST "ESBWR Steam Turbine – Low Pressure Rotor Missile Generation Probability Analysis" ST-56834/P, Revision 1– Proprietary Version
2. GEH "ESBWR Steam Turbine – Low Pressure Rotor Missile Generation Probability Analysis" ST-56834/N-P, Revision 1– Public Version
3. Affidavit

cc:	AE Cubbage JG Head DH Hinds eDRF Section	USNRC (with enclosures) GEH/Wilmington (with enclosures) GEH/Wilmington (with enclosures) 0000-0103-5610 Rev. 0 (ST-56834/P, Revision 1 and ST-56834/N-P, Revision 1)
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