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MFN 08-652
Supplement 1

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

Subject: **Response to Portion of NRC RAI Letter No. 278 Related to ESBWR Design Certification Application - DCD Tier 2 Section 3.9 – Mechanical Systems and Components; RAI Number 3.9-201, Supplement 1**

The purpose of this letter is to submit the GE Hitachi Nuclear Energy (GEH) response to the U.S. Nuclear Regulatory Commission (NRC) Request for Additional Information (RAI) letter number 278 sent by NRC letter dated July 29, 2008 (Reference 1). The original RAI and the GEH response are listed in references 3 and 2, respectively. RAI Number 3.9-201, Supplement 1 is addressed in Enclosure 1.

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

Sincerely,

Richard E. Kingston

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Vice President, ESBWR Licensing

References:

1. MFN 08-956 Letter from U.S. Nuclear Regulatory Commission to Robert E. Brown, GEH, *Request For Additional Information Letter No. 278 Related to ESBWR Certification*, dated December 4, 2008

2. MFN 08-652 from Richard E. Kingston to the U.S. Nuclear Regulatory Commission, *Response to Portion of NRC Request for Additional Information Letter Number 209 Related to ESBWR Design Certification Application – DCD Tier 2, Section 3.9, Mechanical Systems and Components – RAI Number 3.9-201*, dated August 26, 2008

3. MFN 08-517, Letter from U.S. Nuclear Regulatory Commission to Robert E. Brown, *Request for Additional Information Letter No. 209 Related to ESBWR Design Certification Application*, June 9, 2008

Enclosure:

1. Response to Portion of NRC RAI Letter No. 278 Related to ESBWR Design Certification Application - DCD Tier 2 Section 3.9 – Mechanical Systems and Components; RAI Number 3.9-201, Supplement 1

cc:	AE Cubbage	USNRC (with enclosures)
	RE Brown	GEH/Wilmington (with enclosures)
	DH Hinds	GEH/Wilmington (with enclosures)
	eDRF	0000-0096-5096 (RAI 3.9-201 S01)