



**HITACHI**

**GE Hitachi Nuclear Energy**

Richard E. Kingston  
Vice President, ESBWR Licensing

PO Box 780 M/C A-55  
Wilmington, NC 28402-0780  
USA

T 910 819 6192  
F 910 362 6192  
rick.kingston@ge.com

MFN 08-926

Docket No. 52-010

December 19, 2008

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

**Subject: Response to Portion of NRC Request for Additional Information  
Letter No. 252 - Related To ESBWR Design Certification  
Application – RAI Number 14.3-262 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) sent by the Reference 1 NRC letter. GEH response to RAI Number 14.3-262 Supplement 1 is addressed in Enclosure 1. The original response to RAI 14.3-262 is in the Reference 2 GEH letter.

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

Sincerely,

Richard E. Kingston  
Vice President, ESBWR Licensing

DO68  
NRO

References:

1. MFN 08-722, Letter from U.S. Nuclear Regulatory Commission to Robert E. Brown, *Request For Additional Information Letter No. 252 Related To ESBWR Design Certification Application*, dated September 16, 2008.
2. MFN 08-086 Supplement 13, Letter from GE Hitachi Nuclear Energy to U.S. Nuclear Regulatory Commission, Response to Portion of NRC Request for Additional Information Letter No. 126 Related to ESBWR Design Certification Application RAI Numbers 14.3-192, 14.3-244, 14.3-250, 14.3-262 and 14.3-350, dated March 18, 2008.

Enclosure:

1. MFN 08-926 – Response to Portion of NRC Request for Additional Information Letter No. 252 - Related To ESBWR Design Certification Application – RAI Number 14.3-262 S01

cc: AE Cabbage      USNRC (with enclosure)  
RE Brown          GEH/Wilmington (with enclosure)  
DH Hinds          GEH/Wilmington (with enclosure)  
eDRF                0000-0092-0474

**Enclosure 1**

**MFN 08-926**

**Response to NRC Request for  
Additional Information Letter No. 252  
Related to ESBWR Design Certification Application  
RAI Number 14.3-262 S01**

**NRC RAI 14.3-262 Supplement 1**

*The staff determined that GEH response to RAI 14.3-262 in MFN 08-086, Supplement 13 was acceptable. However, the staff request that GEH include reference to NUREG/CR 6303 in the acceptance criteria for Item 9 in Table 2.2.14-4 so that the acceptance criteria is consistent with the design commitment and ITA.*

**GEH Response**

GEH concurs with the NRC request. The acceptance criteria will include reference to NUREG/CR 6303 so that the acceptance criterion is consistent with the design commitment and ITA. The GEH response to RAI 7.8-9 moved the contents of ITAAC #9 into ITAAC #8, and deleted ITAAC #9.

The NRC request to include reference to NUREG/CR 6303 will be addressed as shown in part "i" of the ITAAC #8 developed in the GEH response to RAI 7.8-9, transmitted in MFN 08-920, Supplement 2, dated December 17, 2008.

**DCD Impact**

DCD Tier 1, Table 2.2.14-4, ITAAC #8 and #9 will be revised in DCD Revision 6, as shown on the markups included with the GEH response to RAI 7.8-9, transmitted in MFN 08-920, Supplement 2, dated December 17, 2008.