



**HITACHI**

**GE Hitachi Nuclear Energy**

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MFN 08-299

Docket No. 52-010

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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. 40 Related to ESBWR Design  
Certification Application, RAI Number 19.2-11**

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 NRC letter dated July 5, 2006 (Reference 1). The GEH response to RAI Number 19.2-11 is in Enclosure 1.

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

Sincerely,

James C. Kinsey  
Vice President, ESBWR Licensing

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NRD

Reference:

1. MFN 06-222, Letter from U.S. Nuclear Regulatory Commission to David H. Hinds, *Request for Additional Information Letter No. 40 Related to ESBWR Design Certification Application*, July 5, 2006

Enclosure:

1. MFN 08-299 - Response to Portion of NRC Request for Additional Information Letter No. 40 Related to ESBWR Design Certification Application, ESBWR Probabilistic Risk Assessment, RAI Number 19.2-11

cc: AE Cubbage    USNRC (with enclosure)  
GB Stramback    GEH/San Jose (with enclosure)  
RE Brown        GEH/Wilmington (with enclosure)  
DH Hinds        GEH/Wilmington (with enclosure)  
eDRFSection    0000-0077-1165

**Enclosure 1**

**MFN 08-299**

**Response to Portion of NRC Request for  
Additional Information Letter No. 40  
Related to ESBWR Design Certification Application  
ESBWR Probabilistic Risk Assessment  
RAI Number 19.2-11**

**NRC RAI 19.2-11**

*Summary Text:*

*Describe the emergency procedures related to failed vacuum breakers*

*NRC Full Text:*

*Describe the guidance that will be provided to operators (in emergency procedure and severe accident guidelines) with regard to identification and isolation of failed/leaking vacuum breakers. Discuss how/when the guidance will be developed.*

**GEH Response**

Emergency Operating Procedures, which include the Severe Accident Guidelines, will be developed per COL 13.5-3-A.

**DCD Impact**

No DCD changes will be made in response to this RAI.