



GE Energy

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MFN 07-182

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. 65 –Auxiliary Systems– RAI Number 9.5-39**

Enclosure 1 contains GE's response to the subject NRC RAI transmitted via the Reference 1 letter.

If you have any questions or require additional information regarding the information provided here, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Kathy Sedney for".

James C. Kinsey  
Project Manager, ESBWR Licensing

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Reference:

1. MFN 06-353, Letter from U.S. Nuclear Regulatory Commission to David Hinds, *Request for Additional Information Letter No. 65 Related to the ESBWR Design Certification Application, September 26, 2006.*

Enclosure:

1. MFN 07-182 - Response to Portion of NRC Request for Additional Information Letter No. 65 – RAI Number 9.5-39.

cc: AE Cabbage USNRC (with enclosure)  
BE Brown GE/Wilmington (with enclosure)  
LE Fennern GE/Wilmington (with enclosure)  
GB Stramback GE/San Jose (with enclosure)  
eDRF: 0000-0066-4024

**Enclosure 1**

**MFN 07-182**

**Response to Portion of NRC Request for  
Additional Information Letter No. 65  
Related to ESBWR Design Certification**

**Auxiliary Systems**

**RAI Number 9.5-39**

**NRC RAI 9.5-39**

*Identify the motive power for the diesel starting air compressors.*

**GE Response**

The diesel starting air compressors are powered by the Plant Investment Protection bus that the subject diesel supports, through the A train or B train Electric Building Power Centers, to a 480 VAC MCC for each train with diesel auxiliary loads.

The information on diesel starting air compressors is referenced in DCD Tier 2, Revision 3, Subsection 9.5.6 Diesel Generator Starting Air System.

**DCD Impact**

There will be no DCD changes per this RAI response.