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MFN 08-847

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U.S. Nuclear Regulatory Commission
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**Subject: Response to Portion of NRC Request for Additional Information
Letter No. 229 - Related To Design Control Document (DCD)
Revision 5 – RAI Number 4.6-39**

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 4.6-39 is addressed in Enclosure 1.

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

Sincerely,

Richard E. Kingston
Vice President, ESBWR Licensing

DOB
NR0

Reference:

1. MFN 08-611, Letter from U.S. Nuclear Regulatory Commission to Robert E. Brown, *Request For Additional Information Letter No. 229 Related To Design Control Document (DCD) Revision 5*, dated July 30, 2008.

Enclosure:

1. MFN 08-847 – Response to Portion of NRC Request for Additional Information Letter No. 229 - Related To Design Control Document (DCD) Revision 5 – RAI Number 4.6-39

cc: AE Cabbage USNRC (with enclosure)
RE Brown GEH/Wilmington (with enclosure)
DH Hinds GEH/Wilmington (with enclosure)
eDRF 0000-0090-5603

Enclosure 1

MFN 08-847

Response to Portion of NRC Request for

Additional Information Letter No. 229

Related to Design Control Document (DCD) Revision 5

RAI Number 4.6-39

NRC RAI 4.6-39

COL Holder Item

The following COL Holder Action item described in DCD Revision 5, Tier 2, Section 4.6.2.1.5 needs to be identified as a COL Holder Action item in Section 4.6.6, COL Information:

Cycle-specific confirmatory evaluations will be performed based on an NRC approved or NRC accepted method for reload cores to ensure that all current and emerging requirements pertaining to a postulated CRDA are met.

GEH Response

Disagree.

The postulated Control Rod Drop Accident (CRDA) will be addressed via cycle-specific confirmatory evaluations, performed in accordance with NRC requirements and utilizing NRC accepted methods. This confirmatory evaluation will be performed and documented as part of the cycle-specific reload licensing analysis.

For the reason described above this evaluation is not believed to be a COL Holder Action item.

DCD Impact

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

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