



HITACHI

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Proprietary Notice

This letter forwards proprietary information in accordance with 10 CFR 2.390. Upon the removal of Enclosure 1, the balance of this letter may be considered non-proprietary.

MFN 12-055, Revision 2

Docket number: 05200010

February 14, 2013

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Subject: **NRC Requests for Additional Information (RAI) Related to the Audit of the Economic Simplified Boiling Water Reactor (ESBWR) Steam Dryer Design Methodology Supporting Chapter 3 of the ESBWR Design Control Document – GEH Final Response to RAI 3.9-284**

References:

1. Letter from USNRC to Jerald G. Head, GEH, Subject: Request for Additional Information Letter No. 414 related to ESBWR Design Certification Application (DCD) Revision 9, received May 1, 2012
2. Letter from Jerald G. Head, GEH to USNRC, Subject: NRC Requests for Additional Information (RAI) Related to the Audit of the Economic Simplified Boiling Water Reactor (ESBWR) Steam Dryer Design Methodology Supporting Chapter 3 of the ESBWR Design Control Document – Draft Response for RAI 3.9-284, dated June 5, 2012
3. Letter from Jerald G. Head, GEH to USNRC, Subject: NRC Requests for Additional Information (RAI) Related to the Audit of the Economic Simplified Boiling Water Reactor (ESBWR) Steam Dryer Design Methodology Supporting Chapter 3 of the ESBWR Design Control Document – Revised Draft Response for RAI 3.9-284, dated October 12, 2012

In regard to the Requests for Additional Information transmitted in your May 1, 2012 Letter, Reference 1, to support the NRC ESBWR Steam Dryer Methodology Audit conducted March 21–23, 2012, Docket 05200010, please find attached GEH's final response to RAI 3.9-284. This response supersedes the previous GEH responses submitted in letters dated June 13, 2012 (Reference 2) and October 12, 2012 (Reference 3)

Enclosure 1 contains the complete response, with proprietary information identified within brackets [[]], and designated in red and dotted underline text, to assist in identification. The proprietary information, as identified by GE Hitachi Nuclear Energy, Americas LLC, should be protected accordingly.

Enclosure 2 contains the response with the proprietary information redacted, and is acceptable for public release. Enclosure 3 provides an affidavit which sets forth the basis for requesting that Enclosure 1 be withheld from the public.

If you have any questions concerning this letter, please contact Peter Yandow at 910-819-6378.

I declare under penalty of perjury that the foregoing information is true and correct to the best of my knowledge, information, and belief.

Sincerely,



Jerald G. Head
Senior Vice President, Regulatory Affairs

Commitments: No additional commitments are made in this response.

Enclosures:

1. GEH Final Response to RAI 3.9-284 - Proprietary Version
2. GEH Final Response to RAI 3.9-284 - Public Version
3. Affidavit for MFN 12-055, Revision 2

cc: David Misenhimer, NRC
Scott Bowman, GEH
Peter Yandow, GEH
Patricia Campbell, GEH
Mark Colby, GEH
Tim Enfinger, GEH
Gerald Deaver, GEH