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Proprietary Notice

This letter forwards proprietary information in accordance with 10CFR2.390. Upon the removal of Enclosure 1 the balance of this letter may be considered non-proprietary.

MFN 12-086, Revision 2

Docket number: 05200010

February 11, 2013

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

Subject: NRC Requests for Additional Information 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 3.9-277

References:

1. MFN 12-037, 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. MFN 12-040, Letter from Jerald G. Head, GEH, to USNRC, Subject: NRC Requests for Additional Information 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 Versions, dated May 8, 2012
3. MFN 12-086, Letter from Jerald G. Head, GEH, to USNRC, Subject: NRC Requests for Additional Information Related to the of the Economic Simplified Boiling Water Reactor (ESBWR) Steam Dryer Design Methodology Supporting Chapter 3 of the ESBWR Design Control Document – Second Draft Response for RAI 3.9-277, dated July 19, 2012
4. MFN 12-086, Revision 1, Letter from Jerald G. Head, GEH, to USNRC, Subject: NRC Requests for Additional Information Related to the 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 3.9-277, dated October 5, 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 the final response for RAI 3.9-277. This response replaces in its entirety the draft responses submitted in References 2 through 4.

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

Enclosure 2 is a duplicate of Enclosure 1 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 3.9-277 – Proprietary Version
2. GEH Final Response to RAI 3.9-277 – Public Version
3. Affidavit for MFN 12-086, Revision 2

cc: David Misenhimer, NRC
Glen Watford, GEH
Peter Yandow, GEH
Patricia Campbell, GEH
Mark Colby, GEH
Scott Bowman, GEH
eDRF Section 0000-0147-3894, Rev. 1