



HITACHI

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Proprietary Notice

This letter forwards proprietary information in accordance with 10CFR2.390. Upon the removal of Enclosures 1 and 3, the balance of this letter may be considered non-proprietary.

MFN 13-007, Revision 1

Docket number: 05200010

September 26, 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 Response to RAI 3.9-292 S02 and Revised Engineering Report - NEDE-33313P, ESBWR Steam Dryer Structural Evaluation, Revision 4**

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 13-007, Letter from Jerald G. Head to USNRC, 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 Draft Response to RAI 3.9-292, February 19, 2013.

In regard to the Requests for Additional Information that you have 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 GEH final response to RAI 3.9-292, S02. RAIs 3.9-292, S01 and S03 will be released under separate cover.

Enclosures 1 contains the complete response for RAI 3.9-292 S01 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 3 contains the revision to Engineering Report NEDE-33313P, "ESBWR Steam Dryer Structural Evaluation" 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.

Enclosures 2 is a duplicate of Enclosure 1 with the proprietary information redacted, and is acceptable for public release. Enclosures 4 is a duplicate of Enclosure 3 with the proprietary information redacted, and is acceptable for public release. Enclosure 5 provides an affidavit which sets forth the basis for requesting that Enclosures 1 and 3 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,

A handwritten signature in black ink that reads "Jerald G. Head". The signature is written in a cursive, flowing style.

Jerald G. Head
Senior Vice President, Regulatory Affairs

Commitments: No additional commitments are made in this response.

Enclosures:

1. GEH Response to RAI 3.9-292, S02 – Proprietary Version
2. GEH Response to RAI 3.9-292, S02 – Public Version
3. GEH Engineering Report, NEDE-33313P, “ESBWR Steam Dryer Structural Evaluation,” Proprietary Version, Revision 4, September 2013 - Proprietary
4. GEH Engineering Report, NEDO-33313, “ESBWR Steam Dryer Structural Evaluation,” Public Version, Revision 4, September 2013 - Public
5. Affidavit

cc: Glen Watford, GEH
Peter Yandow, GEH
Patricia Campbell, GEH
Mark Colby, GEH
Daniel Pappone, GEH
DRF Section 0000-0160-7030
DRF Section 0000-0076-2527