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MFN 13-040, Supplement 1

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U.S. Nuclear Regulatory Commission
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Subject: **NRC Request for Additional Information Related to ESBWR Design Certification Application – GEH Supplemental Response to RAI 8.1-22**

References:

1. MFN 13-038, Letter from USNRC to Jerald G. Head, GEH, "Request for Additional Information Letter No. 416 Related to ESBWR Design Certification Application," July 3, 2013 (ML13183A252)
2. MFN 13-040, Letter from Jerald G. Head, GEH, to USNRC, "NRC Request for Additional Information Related to ESBWR Design Certification Application – GEH Response to RAI 8.1-22," July 30, 2013 (ML13211A206)

In regard to the Request for Additional Information (RAI) transmitted in NRC's July 3, 2013, Letter (Reference 1), to support the ESBWR design certification review, please find attached GEH's supplemental response to RAI 8.1-22. This supplemental response modifies the DCD markups provided in GEH's original response (Reference 2) to directly reference NRC Bulletin 2012-01. No other changes were made to the original response.

Enclosure 1 is a supplemental response and Enclosure 2 provides marked-up pages showing proposed changes to the ESBWR Design Control Document.

If you have 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 Supplemental Response to RAI 8.1-22
2. ESBWR DCD Marked-up Pages Associated with GEH Response to RAI 8.1-22

Cc: David Misenhimer, NRC
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