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MFN 07-075

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U.S. Nuclear Regulatory Commission
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Subject: **Revisions to ESBWR Human Factors Engineering Licensing Topical Reports NEDO-33221, Revision 1, NEDO-33267, Revision 1, NEDO-33274, Revision 2, NEDO-33275, Revision 2, and NEDO-33277, Revision 2**

General Electric Company (GE) discussed at the ESBWR Human Factors Engineering (HFE) Audit that the ESBWR Licensing Topical Reports (LTRs) would be revised and submitted between January 31 and March 31, 2007 (this information was conveyed in GE letter MFN 07-063 dated February 1, 2007). The revised LTRs resulted from implementing the ESBWR Top Down Philosophy, incorporation of audit open items, responses to Requests for Additional Information (RAIs), and standard formatting among the plans. The following revised LTRs are contained in Enclosure 1 (reference to initial submittal):

1. ESBWR Licensing Topical Report NEDO-33221, Revision 1, Class I, *ESBWR Human Factors Engineering Task Analysis Implementation Plan*, March 2007 (Reference 1).
2. ESBWR Licensing Topical Report NEDO-33267, Revision 1, Class I, *ESBWR Human Factors Engineering Human Reliability Analysis Implementation Plan*, February 2007 (Reference 2).
3. ESBWR Licensing Topical Report NEDO-33274, Revision 2, Class I, *ESBWR Human Factors Engineering Procedure Development Implementation Plan*, March 2007 (Reference 3).
4. ESBWR Licensing Topical Report NEDO-33275, Revision 2, Class I, *ESBWR Human Factors Engineering Training Development Implementation Plan*, March 2007 (Reference 3).

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5. ESBWR Licensing Topical Report NEDO-33277, Revision 2, Class I, *ESBWR Human Performance Monitoring Implementation Plan*, March 2007 (Reference 4).

If you have any questions or require additional information regarding the information provided here, please contact me.

Sincerely,



James C. Kinsey
Project Manager, ESBWR Licensing

Reference:

1. MFN 06-036, Letter to U.S. Nuclear Regulatory Commission from David H. Hinds, *ESBWR HFE Licensing Topical Report NEDO-33221 and NEDO-33262*, January 31, 2006.
2. MFN 06-075, Letter to U.S. Nuclear Regulatory Commission from David H. Hinds, *ESBWR HFE Licensing Topical Report NEDO-33267*, March 10, 2006.
3. MFN 06-172, Letter to U.S. Nuclear Regulatory Commission from David H. Hinds, *ESBWR HFE Licensing Topical Reports NEDO-33268, Rev. 1, NEDO-33274, Rev. 1, NEDO-33275, NEDO-33278, Rev. 1*, June 14, 2006.
4. MFN 06-234, Letter to U.S. Nuclear Regulatory Commission from David H. Hinds, *ESBWR HFE Licensing Topical Report NEDO-33277, Rev. 1*, July 21, 2006

Enclosures:

1. MFN 07-075 – Revisions to ESBWR Human Factors Engineering Licensing Topical Reports (LTRs) NEDO-33221, Revision 1, NEDO-33267, Revision 1, NEDO-33274, Revision 2, NEDO-33275, Revision 1, and NEDO-33277, Revision 2

cc: AE Cabbage USNRC (with enclosures)
BE Brown GE/Wilmington (without enclosures)
GB Stramback GE/San Jose (with enclosures)
eDRF 0049-8992 for NEDO-33221
0051-1682 for NEDO-33267
0052-9516 for NEDO-33274
0052-9519 for NEDO-33275
0052-9520 for NEDO-33277