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MFN 06-414

Docket No. 52-010

October 27, 2006

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

Subject: **NEDO-33201, Revision 1, "ESBWR Probabilistic Risk Assessment"**

Enclosure 1 contains the subject ESBWR Probabilistic Risk Assessment (PRA) document (Revision 1). This document replaces Revision 0 (Reference 1) and is a compilation of the individual sections provided as advanced copies to the NRC (References 2-14).

If you have any questions about the information provided here, please let me know.

Sincerely,

David H. Hinds
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References:

1. MFN 05-084, Letter from Steven A. Hucik to U.S. Nuclear Regulatory Commission, *General Electric Company Application for Final Design Approval and Design Certification of ESBWR Standard Plant Design*, August 24, 2005
2. MFN 06-049, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Sections 2 through 6*, February 8, 2006

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3. MFN 06-058, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 7*, February 15, 2006
4. MFN 06-111, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Sections 8, 9, and 10*, April 20, 2006
5. MFN 06-171, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Sections 12 and 13*, June 8, 2006
6. MFN 06-176, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 14*, June 13, 2006
7. MFN 06-196, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 16*, June 26, 2006
8. MFN 06-210, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 15*, July 5, 2006
9. MFN 06-242, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 18*, July 25, 2006
10. MFN 06-248, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 20*, July 27, 2006
11. MFN 06-250, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 17*, July 28, 2006
12. MFN 06-267, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 19*, August 9, 2006
13. MFN 06-289, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 11*, August 17, 2006
14. MFN 06-296, Letter from David Hinds to U.S. Nuclear Regulatory Commission, *NEDO-33201, Revision 1, ESBWR Probabilistic Risk Assessment, Section 1*, August 23, 2006

Enclosure:

1. MFN 06-414 – NEDO-33201, Revision 1, “ESBWR Probabilistic Risk Assessment,” September 2006

cc: AE Cabbage USNRC (with enclosures)
GB Stramback GE/San Jose (with enclosures)
eDRF 0000-0044-8542