



GE Energy

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Docket No. 52-010

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

**Subject: General Electric Company - ESBWR Standard Plant Design –  
Revision 2 to Design Control Document Tier 2, Chapter 19  
(Probabilistic Risk Assessment and Severe Accidents)**

General Electric Company (GE) is pleased to submit Revision 2 to Design Control Document (DCD) Tier 2, Chapter 19. The remaining DCD Revision 2 Chapters and Tier 1 were provided via the Reference 1 through 4 letters.

The Enclosure1 CD contains the electronic files of Chapter 19, Revision 2.

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

DOe8

I declare under penalty of perjury that the foregoing is true and correct.

Executed on the 20<sup>th</sup> day of December, 2006

  
George B. Stramback  
General Electric Company

References:

1. MFN 06-432, Letter from David H. Hinds to U.S. Nuclear Regulatory Commission, *General Electric Company - ESBWR Standard Plant Design – Revision 2 to Design Control Document Tier 2, Chapters 2 through 5, 7 through 15, 17, and 18*, October 31, 2006
2. MFN 06-487, Letter from David H. Hinds to U.S. Nuclear Regulatory Commission, *General Electric Company - ESBWR Standard Plant Design – Revision 2 to Design Control Document Tier 2, Chapter 6 (Engineered Safety Features)*, November 22, 2006
3. MFN 06-493, Letter from David H. Hinds to U.S. Nuclear Regulatory Commission, *General Electric Company - ESBWR Standard Plant Design – Revision 2 to Design Control Document Tier 1 and Tier 2, Chapter 1 (Introduction and General Description of Plant)*, November 30, 2006
4. MFN 06-526, Letter from James C. Kinsey to U.S. Nuclear Regulatory Commission, *General Electric Company - ESBWR Standard Plant Design – Revision 2 to Design Control Document Tier 2, Chapter 16 (Technical Specifications) and Chapter 16B (Bases)*, December 15, 2006

Enclosure:

1. CD – ESBWR DCD Tier 2, Chapter 19, Revision 2

cc: RE Brown GE/ Wilmington (w/o enclosures)  
PL Campbell GE/ Washington (w/o enclosures)  
AE Cabbage USNRC (w/ enclosures)  
DH Hinds GE/ Wilmington (w/o enclosures)  
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