



## GE Energy

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MFN 06-047  
February 5, 2006

Docket No. 52-010

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

**Attention:** David B. Matthews, Director  
Division of New Reactor Licensing  
Office of Nuclear Reactor Regulation

**Subject:** General Electric Company - ESBWR Standard Plant Design –  
Revision 1 to Design Control Document Tier 2 Chapters 1 through 15,  
17 & 18

General Electric Company (GE) is pleased to submit Revision 1 to Design Control Document (DCD) Tier 2 Chapters 1 through 15, 17 & 18. This update is in accordance with References 1 & 2.

The two Enclosure CDs contain the electronic files of the application revision.

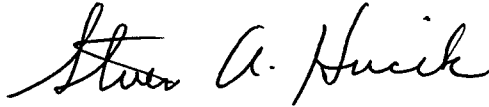
- Enclosure 1 contains the Tier 2 (GE No. 26A6642) document for Chapters 1 through 15, 17 & 18 with "Security-Related Information" (protected under 10 CFR 2.390) included.
- Enclosure 2 contains the Tier 2 document for Chapters 1 through 15, 17 & 18 with the "Security-Related Information" redacted.

Pursuant to 10 CFR 50.30(b), this application is submitted under the enclosed oath or affirmation (Enclosure 3).

*PD&B*

If you have any questions about this submittal, please contact David H. Hinds at 910-675-6363.

Sincerely,



Steven A. Hucik  
General Manager, Nuclear Plant Projects

References:

1. MFN 05-139, Supplement 1, Letter from David H. Hinds to U.S. Nuclear Regulatory Commission, *General Electric Company Application for Final Design Approval and Design Certification of ESBWR Standard Pant Design – DCD Revision 1 Status, Supplement 1 (TAC # MC8168)*, November 30, 2005
2. MFN 06-015, Letter from David H. Hinds to U.S. Nuclear Regulatory Commission, *Submittal Schedule for Documents Related to ESBWR Probabilistic Risk Assessment*, January 16, 2006

Enclosures:

1. CD - Tier 2 Chapters 1 thru 15, 17 & 18 w/Security-Related Information
2. CD - Tier 2 Chapters 1 thru 15, 17 & 18 w/o Security-Related Information
3. Oath or Affirmation, Steven A. Hucik, dated February 5, 2006

cc: AE Cabbage USNRC (with enclosures)  
LA Dudes USNRC (w/o enclosures)  
DH Hinds GE/Wilmington (w/o enclosures)  
JF Klapproth GE/ Wilmington (w/o enclosures)  
LM Quintana GE/ Wilmington (w/o enclosures)  
AC White GE/ Wilmington (w/o enclosures)  
eDRF 0000-0045-6312

**ENCLOSURE 3**

**MFN 06-047**

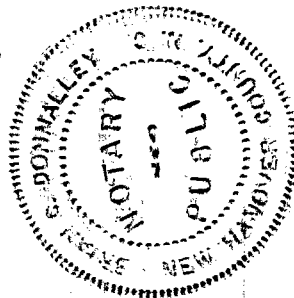
**Oath or Affirmation**

In the matter of:	)
General Electric Company	)
ESBWR Standard Plant Design	)
Final Design Approval and	)
Design Certification Application	)

Stuart A. Hunk

Ben G. Delaney  
Notary Public

MY COMMISSION EXPIRES: 7-25-2007



**ENCLOSURE 2**

**MFN 06-047**

**Compact Disk**

**ESBWR**

**Design Control Document  
Tier 2 Chapters 1 thru 15, 17 & 18**

**Public Version**

**26A6642**

**ENCLOSURE 1**

**MFN 06-047**

**Compact Disk**

**ESBWR**

**Design Control Document  
Tier 2 Chapters 1 thru 15, 17 & 18**

**Includes Security-Related Information**

**26A6642**