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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).

DDaB

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

UNITED STATES OF AMERICA

NUCLEAR REGULATORY COMMISSION

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

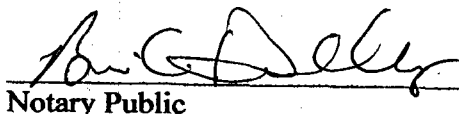
**Application for Review of
"ESBWR Design Control Document, Revision 1"
For Final Design Approval and Design Certification**

Steven A. Hucik, being duly sworn, states that he is General Manager of Nuclear Plant Projects for General Electric Company; that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission this document; that all statements made and matters set forth therein are true and correct to the best of his knowledge, information and belief.

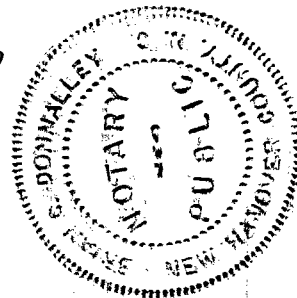


Steven A. Hucik
General Manager, Nuclear Plant Projects
General Electric Company

Subscribed and sworn to
Before me the 5TH day
of February 2006.


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