



General Electric Company
175 Curtner Avenue, San Jose, CA 95125

September 17, 1993

MFN No. 147-93
Docket No. STN 52-001

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington DC 20555

Attention: Jerry N. Wilson, Action Director
Standardization Project Directorate

Subject: Submittal of Amendment 32, Non-Proprietary Information to GE's
ABWR SSAR, and Design Certification Material (Tier 1), Revision 1

- References:
1. Submittal of Amendment 32, Proprietary Information to GE's
ABWR SSAR, MFN No. 148-93, dated September 17, 1993
 2. Submittal of Amendment 32, Safeguards Information to GE's
ABWR SSAR, MFN No. 149-93, dated September 17, 1993

Enclosed are thirty-four (34) copies of amended non-proprietary sections of the Standard Safety Analysis Report (SSAR) for the Advanced Boiling Water Reactor (ABWR). Amendment 32 transmits the final information required for the Staff to complete its review of the ABWR. Except as hereinafter noted, this submission, in conjunction with prior ABWR submittals, completes satisfaction of the requirements of 10 CFR §52.47.

Amendment 32 also provides information resulting from GE's internal SSAR verification process which has been conducted in full compliance with GE procedures governing treatment of engineering documentation. GE's verification process is intended to assure that the reissued ABWR SSAR (Amendment 31) as augmented by Amendment 32, accurately reflects its design documentation, is technically accurate and consistent within itself, and accurately depicts the ABWR Design Certification Material (Tier 1). An affirmation letter complying with the filing requirements of 10 CFR §52.45(d) and §50.30(b) is attached.

As a result of the final phases of the SSAR verification process, a small number of changes (<5%) were identified that affect the August 31, 1993 submittal of ABWR Design Certification Material (Tier 1). Thirty-four (34) copies of these changed pages are enclosed.

Amendment 32 provides the final resolution of June 10, 1993 Punch List Items 5, 6, 9, 12, 13, 14, 17, 23, 29, 40, 41, 45 and 46. With the exception of four (4) Technical Specification related items scheduled for completion in November 1993, all other Punch List Items are addressed in Amendments 28, 30 and 31.

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Each copy of the non-proprietary portion of Amendment 32 consists of one box of 8-1/2 x 11 inch pages, and two boxes containing large size drawings. About 60% of the 8-1/2 x 11 inch pages contain changes identified by bar-markers in the left hand column, a good portion of which result from completing the units conversion effort. The remaining pages result from automatic pagination. All of the pages are identified in Table 1 (Page Change Instruction(s) attached). Further, GE is replacing all drawings in order to conform to GE document standards. The bulk of the changed drawings, therefore, are cosmetic-type changes which only alter the border of the drawings. To facilitate Staff review, the drawings affected solely by technical changes are identified in Table 2 (attached).

Please note that all or parts of the following contain information that is designated as General Electric Proprietary Information: Sections 1.3 and 6.3; Appendices 3B, 4B, 4C, 4D and 20A. This information is being submitted under separate cover (Reference 1).

Also, note that a portion of Appendix 19C, Safeguards Information, is included in this amendment. This information is also being submitted under separate cover (Reference 2).

Sincerely,


Joseph F. Quirk
Project Manager
ABWR Certification
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cc:	R. C. Berglund	(GE)
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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of:)
General Electric Company)
ABWR Standard Plant Design) DOCKET No. STN-52-001
Final Design Approval and Design)
Certification Application)

APPLICATION FOR REVIEW OF
"ABWR STANDARD SAFETY ANALYSIS REPORT"
FOR FINAL DESIGN APPROVAL AND DESIGN CERTIFICATION

Steven R. Specker, being duly sworn, states that he is Vice President and General Manager, GE Nuclear Energy, General Electric Company, that he is authorized on the part of said corporation 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.

GENERAL ELECTRIC COMPANY

By: SR Specker

Steven R. Specker
Vice President and General Manager
GE Nuclear Energy

Subscribed and sworn to
before me this 17th day
of September 1993.

Mary L. Kendall
Notary Public

