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

MFN No. 141-92  
Docket No. STN 52-001  
SLK-9282

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

Attention: Robert C. Pierson, Director  
Standardization and Non-Power Reactor Project Directorate

Subject: **Submittal of Amendment 21 to GE's ABWR SSAR**

Reference: Submittal of Amendment 21, Proprietary Information, to GE's  
ABWR SSAR, MFN No. 142-92

Enclosed are thirty-four (34) copies of selected sections of Chapter 1, *Introduction and General Description of Plant*, Chapter 2, *Site Characteristics*, Chapter 3, *Design of Structures, Components, Equipment, and Systems*, Chapter 4, *Reactor*, Chapter 5, *Reactor Coolant System and Connected Systems*, Chapter 6, *Engineered Safety Features*, Chapter 7, *Instrumentation and Control Systems*, Chapter 8, *Electric Power*, Chapter 9, *Auxiliary Systems*, Chapter 10, *Steam and Power Conversion System*, Chapter 11, *Radioactive Waste Management*, Chapter 12, *Radiation Protection*, Chapter 14, *Initial Test Program*, Chapter 15, *Accident Analysis*, Chapter 17, *Quality Assurance*, Chapter 18, *Human Factors Engineering*, Chapter 19, *Response to Severe Accident Policy Statement*, Chapter 20, *Question and Response Guide*, of the Standard Safety Analysis Report (SSAR) for the Advanced Boiling Water Reactor (ABWR).

Changes to the various sections of the SSAR are identified on the attached Page Change Instructions. Page Change Instructions for the 11 x 17 inch drawings will be included with the drawings which are to be forwarded in the near future under separate cover.

Please note that all or parts of the following sections contain information that is designated as General Electric Company proprietary information: 1.2, 3I, 9.3, 9.4, 9.5, 9A.4, 9A.5, 11.2, 12.3, 18F, 19B, 19D, 19E, 19F, 19FA, and 20.3. This information is being submitted under separate cover.

Sincerely,

S. J. Stark, Acting Manager  
Regulatory and Analysis Services

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