



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

November 20, 1992

MFN No. 193-92
Docket No. STN 52-001
SLK-9298

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 23 to GE's ABWR SSAR**

Reference: Submittal of Amendment 23, Proprietary Information, to GE's
ABWR SSAR, MFN-194-92, dated November 20, 1992

Enclosed are thirty-four 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 13, *Conduct of Operations*, 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).

The modifications to the chapters above included the following:

1. Partial resolution of COL license information
2. Codes and standards update
3. Piping audit responses
4. Expansion of in-service testing
5. 60 year vessel surveillance plan
6. Update of fire protection and fire hazards analysis
7. Update of dose assessment
8. Update of initial test program
9. Re-evaluation of ATWS performance
10. Major revision to human factors engineering
11. Major revision of fault trees.

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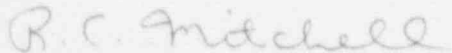
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In future amendments, a tabulation of open and confirmatory items will be provided as part of the transmittal. This list will indicate the SSAR page(s) that correspond to the resolution of the items.

Changes to the various sections of the SSAR are identified on the attached Page Change Instruction. The 11 x 17 inch drawings are also being mailed at this time.

Sincerely,



R. C. Mitchell, Acting Manager
Regulatory and Analysis Services

cc: R. C. Berglund (GE)
T. E. Murley (NRC)
J. M. Crutchfield (NRC)
D. J. McGoff (DOE)
F. J. Miraglia, Jr. (NRC)
C. Poslusny, Jr. (NRC)
K. E. Stahlkopf (EPRI)
F. A. Ross (DOE)
N. D. Fletcher (DOE)