



GE Nuclear Energy

General Electric Company
175 Clinton Avenue, San Jose, CA 95128

March 13, 1992

MFN No. 065-92
Docket No. STN 50-605
EEN-9239

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 20 to GE's ABWR SSAR

Reference: Submittal of Amendment 20, Proprietary Information, to GE's
ABWR SSAR, MFN-066-92, dated March 13, 1992

Dear Mr. Miller:

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 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 16, *Technical Specifications*, 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).

This submittal includes changes to include the entire ABWR Standard Plant product structure in Section 1.2 and Table 3.2-1, analysis procedure for nonseismic structures, control building flooding revision, reactor building rebar, revised reactor building fire hazard analysis, update of radiation protection and update of P&IDs and FCs.

Changes to the various sections of the SSAR which are identified on the attached page change instruction sheet. As noted on the page change instruction sheet, the 11 x 17 inch drawings will be sent under a separate cover in the first week of April.

2028
1/3A

[Handwritten signature]

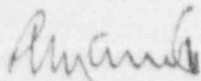
9203200337 920313
PDR ADOCK 05000605
A PDR

Document Control Desk
U.S. Nuclear Regulatory Commission
March 13, 1992

Docket No. STN 50-605
MFN No. 065-92
Page 2

Please note that all or parts of the following sections contain information that is designated as General Electric Company proprietary information: 4B, 7.3, 7A, 9.3, 9.4, 9.5, 9A, 11.2, 11.3, 11.4, 15B, 19H and 19M. This information is being submitted under separate cover.

Sincerely,



P.W. Marriott, Manager
Regulatory and Analysis Services

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