



GE Nuclear Energy

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MFN 02-100

Project 717

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U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

Attention: Chief, Information Management Branch
Program Management
Policy Development and Analysis Staff

Reference: Letter S. Hucik, GE to S. Collins, NRC, Pre-application Review of ESBWR, dated April 18, 2002

Subject: **ESBWR Design Description, NEDC-33084 - Document Transmittal for Pre-Application Review of ESBWR**

The CD accompanying this letter contains the GE non-proprietary report NEDC-33084, "*ESBWR Design Description*". It is item number 1 in Enclosure 1. This report is provided in support of the pre-application review of the ESBWR. This report is for reference only and not a submittal for NRC review. GE is seeking NRC concurrence on the adequacy of the testing program for the ESBWR. GE is also seeking approval for the use of the TRACG code for the one-time application for Design Certification of the ESBWR. This report is background information and for reference only, for assessing the adequacy of testing and for approval of the TRACG code for ESBWR. The final design description for certification review will be provided in the ESBWR Safety Analysis Report, to be provided at a later date.

If you have any questions about the information provided here, please contact Atam Rao at (408) 925-1885, or myself.

Sincerely,


C.J. Deacon

Enclosures

- (1) List of Reports in Support of ESBWR Pre-application Review

cc: A. Cubbage USNRC (with enclosures and CD)
J. Lyons USNRC (w/o enclosures)
G.B. Stramback (with enclosures and CD)

Do 68