

December 8, 2005

Mr. David Hinds, Manager, ESBWR
General Electric Company
P.O. Box 780, M/C L60
Wilmington, NC 28402-0780

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 3 FOR THE
ESBWR DESIGN CERTIFICATION APPLICATION

Dear Mr. Hinds:

By letter dated August 24, 2005, General Electric Company (GE) submitted an application for final design approval and standard design certification of the economic simplified boiling water reactor (ESBWR) standard plant design. The application included a Design Control Document (DCD) and a Probabilistic Risk Assessment (PRA) for the ESBWR. The Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application. The NRC staff has determined that additional information is needed to continue portions of the review.

Enclosure 1 contains a request for additional information (RAI) regarding information contained in the PRA and DCD Chapter 19, PRA & Severe Accident. The RAIs were discussed with you and your staff during a telephone call on September 15, 2005, a meeting on September 29, 2005, and a telephone call on November 9, 2005. During the November 9, 2005, telephone call you agreed to provide a response to the requested information by December 30, 2005, and to include resulting changes to the PRA in NEDO-33201, "ESBWR Probabilistic Risk Assessment," Revision 1, which is scheduled to be submitted on January 6, 2005. You also indicated that the responses to RAI 19.1.0-1 and RAI 19.1.0-2(b) may be a partial response, due to the technical complexity of the information requested. If so, your initial RAI response will provide a commitment for the completion date for these two questions.

If you have any questions or comments concerning this matter, you may contact me at (301) 415-2863 or lwr@nrc.gov, or you may contact Amy Cubbage at (301) 415-2875 or aec@nrc.gov.

Sincerely,

/RA A. Cubbage for:/

Lawrence Rossbach, Project Manager
New Reactor Licensing Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 52-010

Enclosure: As stated

cc: See next page

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ACCESSION NO. ML053390326-Package

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DATE	12/5/2005	12/7/2005

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Distribution for DCD RAI Letter No. 3 dated December 8, 2005

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