

July 17, 2003

Mr. Atambir S. Rao, ESBWR Project Manager
Nuclear Plant Projects
General Electric Company
175 Curtner Avenue, M/C 365
San Jose, CA 95125-1014

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 5 RELATED TO
ESBWR PRE-APPLICATION REVIEW (TAC NOS. MB6279, MB6281, AND
MB7255)

Dear Mr. Rao:

By letters dated August 30 and November 19, 2002, and January 9, 2003, General Electric Company (GE) submitted eight topical reports in support of the ESBWR pre-application review. The Nuclear Regulatory Commission (NRC) staff is performing a detailed review of these topical reports to ensure that the information is sufficiently complete to enable the NRC staff to reach a conclusion on the acceptability of these reports.

The NRC staff has determined that additional information is necessary to continue the review. Enclosure 1 contains requests for additional information (RAIs) regarding NEDC-33079P and Supplement 1, "ESBWR Test and Analysis Program Description," NEDC33082P, "ESBWR Scaling Report," and NEDC-33081P, "ESBWR Test Report." These RAIs were sent to you via electronic mail on June 18, 2003, and were discussed with you during a July 9, 2003, meeting. Changes of an editorial nature were made to the RAIs, however, the technical content has not been changed. In addition, as indicated in the enclosure, five of the questions were resolved during the July 9, 2003, meeting. The disposition of these questions will be addressed in the meeting summary. Please provide the requested information by August 15, 2003, so that the review can be completed in a timely manner. Partial submittals would be welcomed to minimize delays.

Pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Section 2.790, we have determined that the enclosed RAI does not contain proprietary information. However, we will delay placing the RAI in the public document room for a period of 10 working days from the date of this letter to provide you with the opportunity to comment on the proprietary aspects only. If you believe that any information in the RAI is proprietary, please identify such information line by line and define the basis pursuant to the criteria of 10 CFR 2.790.

A. Rao

- 2 -

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

Sincerely,

/RA/

Amy E. Cubbage, ESBWR Project Manager
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Project No. 717

Enclosure: As stated

cc: See next page

A. Rao

- 2 -

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cc: See next page

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ESBWR

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