

November 23, 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. 1 RELATED TO  
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 pursuant to 10 CFR Part 52. The Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed design.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter. The RAI concerns the radiation protection area, Chapters 11 and 12, of the ESBWR design control document. The RAI was sent to you via electronic mail on October 21, 2005, and was discussed with you during a telecon on November 2, 2005. On November 2, 2005, you agreed to respond to this RAI within 30 days.

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

Sincerely,

*/RA/*

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

Project No. 717

Enclosure: As stated

cc: See next page

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Division of New Reactor Licensing  
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ACCESSION NO. ML053140083      ENCLOSURE: ML053140119  
PACKAGE NO. ML053140408

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DATE	11/21/2005	11/22/2005

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Distribution for DCD RAI Letter No. 1 dated November 23, 2005

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