



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 9, 1994

Docket No. 52-004

Mr. Patrick W. Marriott, Manager  
Licensing & Consulting Services  
GE Nuclear Energy  
175 Curtner Avenue  
San Jose, California 95125

Dear Mr. Marriott:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING THE SIMPLIFIED  
BOILING WATER REACTOR (SBWR) DESIGN

The staff has determined that it needs additional information to support its review activities related to the SBWR design certification. Some additional information on the SBWR testing programs is needed (Q900.62)\*. Please provide a written response to the enclosed question within 90 days of the date of this letter.

You have previously requested that portions of the information submitted in the August 1992, application for design certification of the SBWR plant, as supplemented in February 1993, be exempt from mandatory public disclosure. The staff has not completed its review of your request in accordance with the requirements of 10 CFR 2.790; therefore, that portion of the submitted information is being withheld from public disclosure pending the staff's final determination. The staff concludes that this RAI does not contain those portions of the information for which you are seeking exemption. However, the staff will withhold this letter from public disclosure for 30 calendar days from the date of this letter to allow GE the opportunity to verify the staff's conclusions. If, after that time, you do not request that all or portions of the information in the enclosure be withheld from public disclosure in accordance with 10 CFR 2.790, this letter will be placed in the NRC's Public Document Room.

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\*The number in parentheses designates the tracking number assigned to the question.

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This RAI affects nine or fewer respondents, and therefore is not subject to review by the Office of Management and Budget under P.L. 96-511.

If you have any questions regarding this matter, please contact me at (301) 504-1178 or Mr. Son Ninh at (301) 504-1125.

Sincerely,

(Original signed by)

Melinda Malloy, Project Manager  
Standardization Project Directorate  
Associate Directorate for Advanced Reactors  
and License Renewal  
Office of Nuclear Reactor Regulation

Enclosure:  
RAI on the SBWR  
Design

cc w/enclosure:  
See next page

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\*To be held for 30 days

OFC	LA:PDST	PM:PDST	PM:PDST	SCSB	SC:PDST
NAME	PShea	MMalloy:tz	SNinh	RBarrett	JNWilson
DATE	02/7/94	02/7/94	02/9/94	02/8/94	02/9/94

Mr. Patrick W. Marriott  
GE Nuclear Energy

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cc: Mr. Laurence S. Gifford  
GE Nuclear Energy  
12300 Twinbrook Parkway  
Suite 315  
Rockville, Maryland 20852

Director, Criteria & Standards Division  
Office of Radiation Programs  
U.S. Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

Mr. Sterling Franks  
U.S. Department of Energy  
NE-42  
Washington, D.C. 20585

Mr. John E. Leatherman  
SBWR Licensing Manager  
GE Nuclear Energy  
175 Curtner Avenue, MC-781  
San Jose, California 95125

Mr. Steven A. Hucik  
GE Nuclear Energy  
175 Curtner Avenue, MC-780  
San Jose, California 95125

Mr. Frank A. Ross  
Program Manager, ALWR  
Office of LWR Safety & Technology  
U.S. Department of Energy  
NE-42  
19901 Germantown Road  
Germantown, Maryland 20874

Mr. Victor G. Snell, Director  
Safety and Licensing  
AECL Technologies  
9210 Corporate Boulevard  
Suite 410  
Rockville, Maryland 20850

REQUEST FOR ADDITIONAL INFORMATION (RAI) ON THE  
SIMPLIFIED BOILING WATER REACTOR (SBWR) DESIGN

Wetwell-To-Drywell Vacuum Breaker Tests

- 900.62 The staff needs the following information in order to assess the adequacy of the wetwell-to-drywell vacuum breaker test program:
- a. Drawings of the vacuum breaker and instrumentation.
  - b. Purchase Specification No. 25A5388, Revision 1, "Vacuum Breaker (Prototype)."
  - c. NEBO Engineering Operating Procedure No. 35-3.00, "Engineering Tests."
  - d. Detailed specification of the conditions, both normal and design basis, under which the vacuum breakers will be required to operate.
  - e. Detailed test procedures for the tests listed in the test matrix.
  - f. Any information appropriate to ensuring that the data obtained on the reliable performance of the prototypical valve are applicable to (or will be bounding with respect to) the valves to be incorporated into the certified plant design.

Enclosure