



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

July 24, 1995

Mr. James E. Quinn, Projects Manager
LMR and SBWR Programs
GE Nuclear Energy
175 Curtner Ave, M/C 165
San Jose, California 95125

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING THE SIMPLIFIED
BOILING WATER REACTOR (SBWR) DESIGN (Q950.54)

Dear Mr. Quinn:

The staff has determined that it needs additional information to support its independent assessment program activities related to the SBWR design certification review. Some additional information is needed on the SBWR plant, the GIRAFFE testing program, and the PANTHERS facility (Q950.54). Please respond to the enclosed questions within 30 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 Nuclear Energy 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.

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

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*The numbers in parentheses designate the tracking numbers assigned to the questions.

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Mr. James E. Quinn

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July 24, 1995

If you have any questions regarding this matter, please contact me at (301) 415-1108.

Sincerely,

Signed by Son Ninh
for James H. Wilson, Project Manager
Standardization Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

Docket No. 52-004

Enclosure:
RAI on the SBWR Design

cc w/enclosure:
See next page

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| DATE | 07/29/95 | 07/29/95 | 07/29/95 | 07/29/95 |

Mr. James E. Quinn
GE Nuclear Energy

Docket No. 52-004

cc: Mr. John E. Leatherman, Manager
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Mr. Tom J. Mulford, Manager
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Mr. Steven A. Hucik
GE Nuclear Energy
175 Curtner Avenue, MC-780
San Jose, CA 95125

Mr. Rob Wallace
GE Nuclear Energy
1299 Pennsylvania Avenue, N.W.
Suite 1100
Washington, DC 20004

Enclosure to be distributed to the following addressees after the result of the proprietary evaluation is received from Simplified Boiling Water Reactor:

Mr. Brian McIntyre
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Pittsburgh, PA 15222

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

Director, Criteria & Standards Division
Office of Radiation Programs
U.S. Environmental Protection Agency
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Washington, DC 20460

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

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

SBWR Plant

Additional information is needed in the following areas to assist in building the RELAP5 input deck:

- 950.54 Supply the test data from which the loss coefficients at the lower tie plate, upper tie plate, inlet orifice, and grid spacers for the SBWR were derived. This information is necessary to formulate the calculation history for the RELAP5 model for the SBWR.

Enclosure