

October 25, 1995

Dr. Robert U. Mulder, Director
University of Virginia
Nuclear Reactor Facility
Department of Mechanical, Aerospace,
and Nuclear Engineering
Charlottesville, Virginia 22903-2442

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (TAC NO. M938090)

Dear Dr. Mulder:

We are continuing our review of your amendment request for the Safety Analysis Report of Facility Operating License No. R-66 for the University of Virginia Research Reactor which you submitted on October 10, 1995, as supplemented on October 19, 1995. During our review of your amendment request, questions have arisen for which we require additional information and clarification. Please provide responses to the enclosed request for additional information within 30 days of the date of this letter. In accordance with 10 CFR 50.30(b), your response must be executed in a signed original under oath or affirmation. Following receipt of the additional information, we will continue our evaluation of your amendment request.

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

If you have any questions regarding this review, please contact me at (301) 415-1127.

Sincerely,

Original signed by:

Alexander Adams, Jr., Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

Docket No. 50-62

Enclosure:
As stated

cc w/enclosure:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script that reads "Alexander Adams, Jr.".

Alexander Adams, Jr., Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

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Enclosure:
As stated

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See next page

cc:

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Richmond, Virginia 23219

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Division of Health Hazards Control
109 Governor Street, Room 916
Richmond, Virginia 23219

REQUEST FOR ADDITIONAL INFORMATION
UNIVERSITY OF VIRGINIA RESEARCH REACTOR
DOCKET NO. 50-62

1. Table 9.20.3, Page 9-85 and Table 9.20.5, Page 9-93:

These tables and related discussions refer to yearly average sewer releases. However, Appendix B, Table 3, to 10 CFR Part 20 and 10 CFR 20.2003 refer to monthly average concentrations. Please explain your use of yearly averages or amend your tables and discussion to refer to monthly average concentrations.

2. Page 9-79, Section 9.20.5 and Page 9-85, Section 9.20.7.4:

In your letter of October 19, 1995, answer number 7 discusses the need for a technical specification on the surveillance of radionuclide analysis of cooling tower water. Your reply discussed the relationship between leak rate and radionuclide concentrations. The purpose of the technical specification is to ensure that surveillance will be performed at an interval that will allow the timely detection of heat exchanger failure no matter what the leak rate is as discussed in your SAR. A technical specification will help to ensure that this surveillance will be performed and that the surveillance or the surveillance interval cannot be amended without NRC review and approval. Please propose a technical specification that contains the surveillance to be performed and the maximum interval for the surveillance or justify not including this type of surveillance in your technical specifications considering the above discussion.

ENCLOSURE