

October 26, 1989

Docket No. 50-27

Mr. W. E. Wilson
Associate Director
Nuclear Radiation Center
Washington State University
Pullman, Washington 99164-1300

Dear Mr. Wilson:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

We are continuing our review of the documentation submitted in support of your application for amendment of Operating License No. R-76 for the Washington State University Modified TRIGA Research Reactor that was submitted on September 6, 1989. During our review of your submittal, questions have arisen for which we require additional information and clarification. Please provide a response to the enclosed Request for Additional Information within 45 days of the date of this letter. Following receipt of the additional information, we will continue our evaluation of your amendment application. If you have any questions regarding this review, please contact me at (301) 492-1121.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P. L. 96-511.

Sincerely,

Original signed by:
Alexander Adams, Jr., Project Manager
Non-Power Reactor, Decommissioning and
Environmental Project Directorate
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Sincerely,

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

Alexander Adams, Jr., Project Manager
Non-Power Reactor, Decommissioning and
Environmental Project Directorate
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
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ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

WASHINGTON STATE UNIVERSITY

DOCKET NO. 50-27

1. Please provide a safety analysis to support your request for amendment. In your safety analysis make a determination if the amendment involves a significant hazards consideration. Provide information to justify changing pulse mode limits from reactivity insertion to peak fuel temperature. What uncertainties are involved in the calculation of the maximum reactivity insertion? What is the maximum allowable time span allowed between calculations?

Washington State University

Docket No. 50-27

cc: State Planning Division
Office of Financial Management
Room 105, House Office Building
Olympia, Washington 98504