

SCHOOL OF  
ENGINEERING & APPLIED SCIENCE



DEPARTMENT OF MECHANICAL, AEROSPACE  
AND NUCLEAR ENGINEERING

November 15, 1996

Mr. Alexander Adams, Jr.  
Senior Project Manager  
Non-power Reactors and Decommissioning  
Project Directorate  
U.S. Nuclear Regulatory Commission  
M.S. 0-11-B-20  
Rockville  
MD  
20852-2738

University of Virginia  
Thornton Hall  
Charlottesville, VA 22903-2442  
804/924-7421 FAX: 804/982-2037  
TDD: 804/982-HEAR

Subject: NRC Request for Additional Information (TAC No. M95506) for the University of Virginia Reactor, Docket No. 50-62, License R-66, pertaining to a TS Amendment Request.

Dear Mr. Adams:

We have nearly completed gathering all the information related to the September 19, 1996 NRC request for additional information regarding U.Va.'s proposed TS amendment of May 28, 1996. Specifically, we have quantified the amount by which a UVAR core would be subcritical with six fuel elements loaded under the most reactivity-wise "unfavorable" configuration. This was done by modeling such assemblies on the UVAR gridplate and performing computations. However, the staff is still evaluating the impact of not including the effect of samarium on determinations of shutdown margin and excess reactivity. This particular analysis is taking far longer than expected. Keeping in mind that submittals of this nature must be reviewed and approved by our reactor safety committee, we are hereby requesting a second 30 day extension to the reply deadline. Thus, the final deadline would be December 19, 1996.

Sincerely,

Robert U. Mulder, Director  
U.Va. Reactor Facility &  
Assoc. Prof. of Nuclear Eng.

cc: Mr. Craig Basset, NRC Region II, Atlanta, Ga.  
Document Control Desk, NRC, Washington, D.C.

9611200139 961115  
PDR ADOCK 05000062  
PDR

A02010