



# MEMPHIS STATE UNIVERSITY

MEMPHIS, TENNESSEE 38152

August 3, 1979

Center for Nuclear Studies  
Office of the Director  
(901) 454-2687

Mr. Robert W. Reed, Chief  
Operating Reactor Branch No. 4  
Division of Reactor Licensing  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Ziemann,

Transmitted for your review and approval is an Application for Amendment No. 1 to the Memphis State University Facility Operating License R-127, Docket 50-538. The application is submitted in accordance with the Code of Federal Regulations, Title 10, Chapter 1, Part 50.90 and requests authorization to modify the existing reactor facility, operating procedures, and technical specifications to permit operation of the AGN-201 Nuclear Reactor at steady-state power levels up to and including twenty Watts (thermal), and to permit intermittent operations up to and including 1000 Watts. In addition, authorization is requested to transport, receive, possess, and use up to 700 grams of additional contained U-235 in connection with operation of the reactor facility.

The purpose for this request is briefly discussed in my letter to you dated March 23, 1979, and in Part I of the application. Please do not hesitate to contact me at (901) 454-2687 if additional information is required, or if I can provide any other assistance during your review.

Sincerely,

D. W. Jones  
Director

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Enclosures

cc: Mr. Richard L. Dietz  
Mr. Mark D. Shepherd  
Mr. Lewis B. O'Kelly

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