



DEFENSE NUCLEAR AGENCY  
 ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE  
 BETHESDA, MARYLAND 20014

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JUL 10 1981

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Director  
 Division of Reactor Licensing  
 U.S. Nuclear Regulatory Commission  
 Washington, D.C. 20555

Dear Sir:

Enclosed are twenty copies of the recently completed Safety Analysis Report (SAR) for the Armed Forces Radiobiology Research Institute (AFRRI) TRIGA Reactor Facility under License R-84. This report is submitted for review and incorporation into Docket No. 50-170 as part of the AFRRI research reactor relicensing effort.

This Safety Analysis Report was prepared under contract by Dames and Moore, Engineer Consultants, in accordance with 10 CFR Parts 50 and 2. Upon review and approval, this SAR will supersede AFRRI's revised Final Safeguards Report, dated March 1962 including all subsequent amendments made to it.

As a result of discussions with the USNRC Staff, the enclosed SAR contains, in Section 6.0, an updated and more rigorous version of the "Safety Analysis" previously submitted on 30 October 1980. This updated "Safety Analysis" (Section 6.0 of the enclosed SAR), therefore, supersedes the previous report submitted.

Should you have any questions or require additional information please contact Major Ronald R. Smoker, Chief, Radiation Sources Division, 295 1048/1396.

Enclosures  
 as stated

*Paul E. Tyler*  
 PAUL E. TYLER  
 Captain, MC, USN  
 Director

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