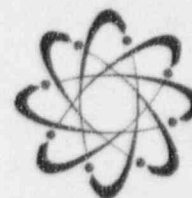


**University of Illinois at Urbana-Champaign
Nuclear Reactor Laboratory**

Department of Nuclear Engineering / College of Engineering

214 Nuclear Engineering Laboratory
103 South Goodwin Avenue
Urbana, IL 61801-2984

217-333-7755/0866
217-244-5916 fax



February, 10, 1995
Docket No. 50-356/License R-115

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station P1-137
Washington, DC 20555

Dear Sir,

In accordance with 10 CFR 50.82 the University of Illinois requests the termination of License No. R-117/Docket No. 50-356 and permission to decommission the facility.

License No. R-117/Docket No. 50-356 is the University of Illinois LOPRA reactor and has been deemed to be unnecessary to future utilization of the Nuclear Reactor Laboratory of which it is a part. The University of Illinois Advanced TRIGA (License No. R-115/Docket No. 50-151), which shares the same building, will continue operation. It is desired to convert the LOPRA reactor to a subcritical assembly in compliance with the Advanced TRIGA Technical Specifications Section 3.9 "Subcritical Experiments Using the Reactor Thermal Column or Bulk Shielding Facility". The Advanced TRIGA license, Part 2.B allows for 2.6 kilograms of contained U-235 in TRIGA type fuel elements in connection with operation of a subcritical assembly in the Bulk Shielding Facility of the reactor where the LOPRA is located. There have been no inherent problems with the LOPRA that would prevent the operation of the facility as a subcritical assembly. The operation of the LOPRA as a subcritical assembly is of lesser safety significance than operation as a 10 kW reactor as analyzed in the LOPRA SAR therefore no further safety analysis is required.

A Decommissioning Plan for the LOPRA facility is attached.

Respectfully,

Richard L. Holm
Reactor Administrator

- c: file
B. Jones, Head, Department of Nuclear Engineering
Regional Administrator, USNRC, Region III
A. Adams, NRR, USNRC
A. Graziano, Director, UIUC Engineering Experiment Station


9503010370 950210
PDR ADOCK 05000356
P PDR

AO201/1

STATE OF ILLINOIS

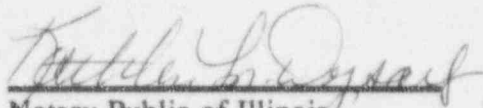
COUNTY OF CHAMPAIGN

Richard L. Holm, being first duly sworn on oath, deposes and says that he has affixed his signature to the letter above in his official capacity as Reactor Supervisor, University of Illinois Nuclear Reactor Laboratory\; that in accordance with the provisions of Part 50, Chapter 1, Title 10 of the Code of Federal Regulations, he is attaching this affidavit\; that the facts set forth in the within letter are true to his best information and belief.



Richard L. Holm
Reactor Administrator

Subscribed and sworn to before me, a Notary Public, in and for the County of Champaign, State of Illinois, this 22nd day of February, A.D., 1995.



Notary Public of Illinois 8-19-96
My Commission Expires

