

August 21, 1995  
Docket No. 50-356

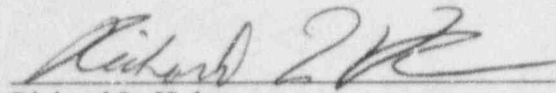
Director of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, DC 20555

Dear Sir,

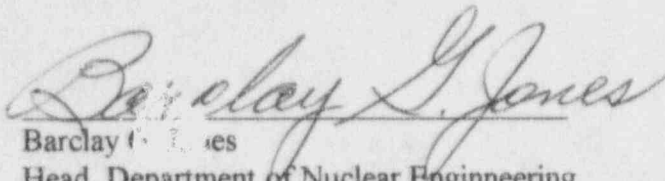
Subject: Annual Report, LOPRA Reactor  
License No. R-117  
Docket No. 50-356

The following is written to comply with the requirements of Section 6.7.f of the Technical Specifications and conditions of 50.59 of 10CFR50. The outline follows the numbered sequence of Section 6.7.f of the Technical Specifications.

Respectfully,



Richard L. Holm  
Reactor Administrator



Barclay G. Jones  
Head, Department of Nuclear Engineering

cc: Region III, USNRC  
Nuclear Reactor Committee

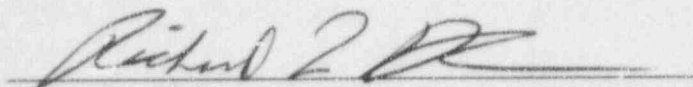
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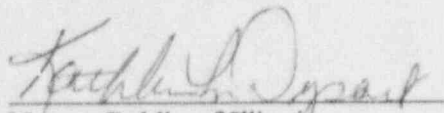
STATE OF ILLINOIS

COUNTY OF CHAMPAIGN

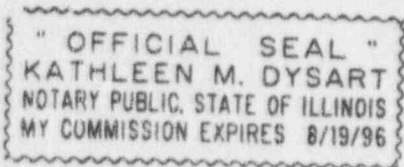
Richard L. Holm, being first duly sworn on oath, deposes and says that he has affixed his signature to the letter above in his official capacity as Reactor Administrator, University of Illinois Nuclear Reactor Laboratory; that in accordance with the provisions of Part 50, Chapter 1, Title 10 of the Code 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 21 day of August, A.D., 1995.

  
Notary Public of Illinois

8-19-96  
My Commission Expires



# ILLINOIS LOPRA REACTOR - ANNUAL REPORT

August 1, 1994 - July 31, 1995

Facility License R-117

## I. SUMMARY OF OPERATING EXPERIENCE

The reactor was in operation a total of 5.75 hours during the period. This includes time when the reactor was operated for surveillances where the reactor was not actually critical. The total operating time for the period was due to fulfilling surveillance requirements. The LOPRA is in the process of decommissioning and is awaiting a decommissioning order from the Nuclear Regulatory Commission.

## II. TABULATION OF OPERATIONS

|                            |            |               |
|----------------------------|------------|---------------|
| Surveillances              | 5.75 hours |               |
| Hours Critical* and Energy | 3.2 hours  | 0.0023 Mw-hrs |

\* This includes time where the reactor was sub-critical during the control rod calibration. Virtually all of the energy generated was due to the power calibration surveillance.

## III. EMERGENCY SHUTDOWNS AND INADVERTENT SCRAMS

Two linear power scrams occurred during the performance of surveillances. Both of these scrams occurred due to noise spikes in the linear channel.

## IV. MAINTENANCE

A significant number of man-hours were devoted to troubleshooting the poison control rod drive indication before declaring the LOPRA inoperative.

## V. CONDITIONS UNDER SECTION 50.59 OF 10CFR50

There were no changes to procedures, new experiments, or 50.59 reviews performed during the reporting period.

## VI., VII., VIII. RADIOACTIVE RELEASE/RADIATION EXPOSURE

Because of the low power and infrequent use of the LOPRA, its operation does not contribute to the release of effluents. Personal radiation exposures for the laboratory are given in the Annual Report for the Advanced TRIGA Reactor, License No. R-115, Docket No. 50-151, dated February 8, 1995.