



Rensselaer Polytechnic Institute Troy, New York 12180-3590

March 17, 1986

Director
Division of Reactor Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545

RE: Rensselaer Polytechnic Institute
Facility License CX-22
Docket 50-225
Annual Report of Tests and Experiments

Dear Sir:

This report of tests and experiments is submitted in accordance with Title 10 of the code of Federal Regulations, Part 50.59, for the period March 1, 1985 to March 1, 1986.

The fuel plates used comprised a core loading of 152 MTR type flat stationary plates and 24 MTR type flat control rod plates. One stationary plate is stored in the fuel vault. All of the fuel plates are leased by the U.S. Department of Energy under Contract DE-AC02-76ER03457.

Through periods January 1985 to May 1985, and July 1985 to August 1985, the facility was used to conduct a graduate level course on reactor experiments for classes of eight and four RPI students, respectively. Eight RPI students are enrolled in this course. The reactor is also used for one and two week programs for nuclear utility engineers and a total of 20 individuals from Northeast Utilities, Niagara Mohawk, Texas Utilities, Pennsylvania Power and Light, Power Authority State of New York, Yankee Rowe, Maine Yankee and Beaver Valley participated during the year.

Routine scheduled maintenance was performed in June, January, and February. The experiments, operations, and topics covered in association with the use of the facility remain the same as described in previous reports.

All activities and experiments were conducted in accordance with License CX-22.

Sincerely,

Frank Wicks

Dr. Frank Wicks, Supervisor
RPI Critical Experiments Facility
L. David Walthousen Laboratory

D.R. Harris

Dr. Donald R. Harris, Director
RPI Critical Experiments Facility
L. David Walthousen Laboratory

C/ R.T. Lahey, Jr.
R.E. Scammell

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