

Office of Finance and Operations

January 5, 2009

To: U.S. Nuclear Regulatory Commission

ATTN: Document Control Desk

Mail Stop O-5 C12

Washington, DC 20555-0001

Re: Docket No. 50-134

License R-61

Annual Report for 2007

In accordance with the Technical Specifications for the WPI Leslie C. Wilbur Nuclear Reactor Facility (License R-61), I am submitting the Annual Operating Report for 2008.

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The WPI reactor is a non-power, university-based, teaching reactor. Prior to its shutdown a year and a half ago at the end of June, 2007, it was used primarily in the academic mission of Worcester Polytechnic Institute, for the instruction of students, and in occasional scholar research.

Please contact me if further information is required.

Director, Nuclear Reactor Facility

cc:

Ted H. Carter U.S. Nuclear Regulatory Commission Mail Stop T-8-F-5 Washington, DC 20555

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2008 Annual Operating Report Worcester Polytechnic Institute Leslie C. Wilbur Nuclear Reactor Facility License R-61 Docket No. 50-134

I. Operations Summary:

(a) Changes in facility design

There were no changes in the facility design during 2008.

(b) Performance characteristics

The reactor was not operated in 2008. Since the end of June of 2007, the reactor has been in shut down mode, with the fuel located in storage positions in the pool. The operation of all reactor safety system components was normal during 2008.

(c) Changes in operating procedures

No changes were made to operating procedures in 2008. A Possession Only License Amendment was received on 9-2-08 which removes authority for WPI to operate the reactor, authorizes possession only of the reactor, and amends the technical specifications to remove operational requirements.

(d) Abnormal results of surveillance tests and inspections

There were no unusual findings from the performance of surveillance tests or inspections.

(e) Personnel changes in Reactor Facility Director, Health Physicist, or Radiation, Health, and Safegards Committee members

No personnel changes were made in 2008.

II. Power Generation (kilowatt-hours)

2008 Output: 0

Total LEU-Fuel: 3355.0 Total Reactor: 10769.0

III. Unscheduled Shutdowns

No unscheduled shutdowns were performed in 2008.

IV. Maintenance

No maintenance was performed in 2008.

V. Changes, Tests, and Experiments Pursuant to 10CFR 50.59

No tests or experiments were performed in 2008, including any requiring evaluation pursuant to 10 CFR 50.59.

VI. Radioactive Effluents Release

No liquids or gases were released in 2008.

End