



TEXAS A&M UNIVERSITY

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Nuclear Engineering
Health Physics

Radiological Health
Engineering

April 3, 2008

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

SUBJECT: 2007 Operating Report Facility License R-23

To Whom it May Concern:

Enclosed please find the 2006 and 2007 Annual Reports for the Texas A&M University AGN 201M reactor. If you have any questions regarding this, please feel free to call Professor W. Dan Reece at (979)847-8946.

Sincerely,

A handwritten signature in black ink, appearing to read "Raymond J. Juzaitis", with a long horizontal line extending to the right.

Raymond J. Juzaitis
Department Head

Enclosures(2)

A020
NRR

ANNUAL OPERATING REPORT

of the

TEXAS A&M UNIVERSITY AGN-201M TRAINING REACTOR

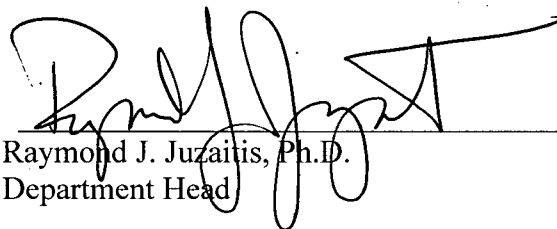
NRC LICENSE R-23

JUNE 1, 2005 – MAY 31, 2006

DEPARTMENT OF NUCLEAR ENGINEERING

TEXAS A&M UNIVERSITY

College Station, Texas 77843 - 3133



Raymond J. Juzaitis, Ph.D.
Department Head

4/3/08
Date

1. SUMMARY

This report is intended to detail the pertinent activities related to the Texas A&M University AGN-201M training facility operated by the Department of Nuclear Engineering during the period of 1 June 2005 until 31 May 2006. The contents of this report are intended to comply with the requirements of 10CFR50 section 50.59(b) and Appendix A of the Technical Specifications for this facility under license R-23.

The main function of this facility is to provide an operating nuclear system to be used as a research tool, to support the requirements of Nuclear Engineering courses, and for operator training. During this reporting period, the AGN-201 reactor was not operated, department funding was approved for the reactor console upgrades, and actual manufacture of the new console was started. The redesign and console modification work is being performed by personnel from the Nuclear Science Center and all of their work will be approved by facility personnel. Final design decisions shall be made by facility personnel.

2. OPERATIONAL SUMMARY

<u>UTILIZATION BY CATEGORY</u>	<u>HOURS</u>
(a) Support of Nuclear Engineering Courses	0
(b) Operator Training/Requalification	0
(c) Preventive/Corrective Maintenance	0
<u>Total Operating Hours:</u>	0
<u>Total Hours Critical:</u>	0
<u>Total Watt Hours of Operation:</u>	0

Average Power Level of Operations (Watts): 0

Number of Reactor Startups: 0

3. UNSCHEDULED SHUTDOWNS

NONE

4. MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

NONE

5. (a) FACILITY CHANGES

None were made during this reporting period, the new AGN-201 control console is currently undergoing modification at the Nuclear Science Center, and work continues.

(b) CHANGES TO PLANS AND PROCEDURES

Some minor changes of security and emergency plans have been performed to reflect new uses of areas / rooms associated within the Nuclear Engineering Department.

(c) NEW EXPERIMENTS OR TESTS

No new experiments or test were performed during this reporting period.

6. SUMMARY OF SAFETY EVALUATIONS

No changes, tests or experiments were performed during this reporting period, which meets the criteria of 10CFR50 paragraph 50.59 requiring a safety evaluation.

7. SUMMARY OF RADIOACTIVE EFFLUENTS RELEASED

No liquid or solid radioactive were released during this reporting period.

8. ENVIRONMENTAL RADIOLOGICAL SURVEYS

No environmental radiological surveys were performed outside this facility during this reporting period.

9. RADIATION EXPOSURE

During calendar year 2005 all of the exposures were reported to be less than 0.100 rem or no measurable dose.

10. MISCELLANEOUS

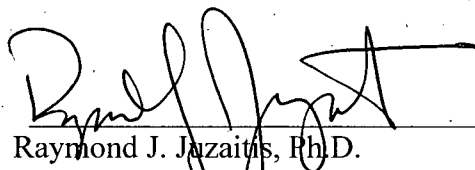
No changes were made to the security plan.

ANNUAL OPERATING REPORT
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TEXAS A&M UNIVERSITY AGN-201M TRAINING REACTOR

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JUNE 1, 2006 – MAY 31, 2007

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(c) Preventive/Corrective Maintenance	0
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<u>Total Hours Critical:</u>	0
<u>Total Watt Hours of Operation:</u>	0

Average Power Level of Operations (Watts): 0

Number of Reactor Startups: 0

3. UNSCHEDULED SHUTDOWNS

NONE

4. MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

NONE

5. (a) FACILITY CHANGES

None were made during this reporting period, the new AGN-201 control console is currently undergoing modification, and work continues.

(b) CHANGES TO PLANS AND PROCEDURES

The security and emergency plans are being prepared to reflect newly imposed requirements and new uses of areas / rooms associated within the Nuclear Engineering Department.

(c) NEW EXPERIMENTS OR TESTS

No new experiments or test were performed during this reporting period.

6. SUMMARY OF SAFETY EVALUATIONS

No changes, tests or experiments were performed during this reporting period, which meets the criteria of 10CFR50 paragraph 50.59 requiring a safety evaluation.

7. SUMMARY OF RADIOACTIVE EFFLUENTS RELEASED

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9. RADIATION EXPOSURE

During calendar year 2006 all of the exposures were reported to be less than 0.100 rem or no measurable dose.

10. MISCELLANEOUS

There were no changes to the security plan.