

ANNUAL OPERATING REPORT

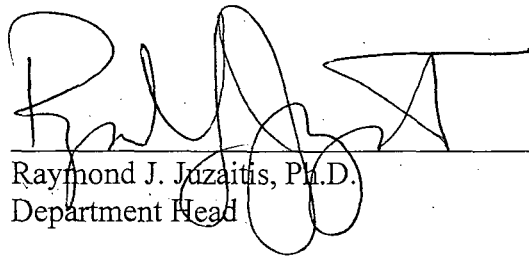
of the

TEXAS A&M UNIVERSITY AGN-201M TRAINING REACTOR

NRC LICENSE R-23

JUNE 1, 2009 – MAY 31, 2010

DEPARTMENT OF NUCLEAR ENGINEERING
TEXAS A&M UNIVERSITY
College Station, Texas 77843 - 3133



Raymond J. Juzaitis, Ph.D.
Department Head

6/2/2010
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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 2009 until 31 May 2010. The contents of this report are intended to comply with the requirements of 10CFR50 section 50.59 and Section 6.9.1 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 as well as preventive maintenance. During this reporting period, the AGN-201M reactor was not run by the facility. Modifications to the Emergency Lighting System and the High Radiation Area Alarm were performed during this reporting period.

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
<u>Average Power Level of Operations (Watts):</u>	0
<u>Number of Reactor Startups:</u>	0

3. UNSCHEDULED SHUTDOWNS

NONE

4. MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

NONE

5. (a) FACILITY CHANGES

The Emergency Lighting System for the facility was upgraded to current technology and safety. The High Radiation Area Alarm has been modified to be an automatic and more conservative system than the previously installed system.

(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 with in the Nuclear Engineering Department. The Standard Operating Procedures and Preventative Maintenance Procedures have been updated to reflect changes to the operating console.

(c) NEW EXPERIMENTS OR TESTS

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

6. SUMMARY OF SAFETY EVALUATIONS

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

7. SUMMARY OF RADIOACTIVE EFFLUENTS RELEASED

No liquid or solid radioactive effluents 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 2009 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.