

50-059

ANNUAL OPERATING REPORT

of the

TEXAS A&M UNIVERSITY AGN-201M TRAINING REACTOR

NRC LICENSE R-23

JUNE 1, 2019 – MAY 31, 2020

DEPARTMENT OF NUCLEAR ENGINEERING

TEXAS A&M UNIVERSITY

College Station, Texas 77843-3133

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NRR

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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 June 1, 2019 – May 31, 2020. The contents of this report are intended to comply with the requirements of 10 CFR 50 section 50.59 and Section 6.9.1 of the Technical specifications for the facility under license R-23.

This facility is in storage pending installation in its final location and resuming operations. When operations resume the main function of this facility will be to provide an operating nuclear system to be used in support of the requirements of nuclear engineering courses, as a research tool, and for operator training. During the reporting period, the AGN-201M reactor was maintained in a storage condition and did not operate.

## 2. OPERATIONAL SUMMARY

Total Hours Critical	0
Total Watt Hours of Operation	0
Average Power Level of Operations (Watts)	0
Number of Reactor Startups	0

## 3. UNSCHEDULED SHUTDOWNS

None.

## 4. MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

No safety related corrective maintenance was performed during this reporting period.

## 5. FACILITY CHANGES, CHANGES TO PLANS AND PROCEDURES, NEW EXPERIMENTS OR TESTS

No changes were made the facility, plans or procedures, and no new experiments or tests were performed during this reporting period.

## 6. SUMMARY OF SAFETY EVALUATIONS

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

## **7. SUMMARY OF RADIOACTIVE EFFLUENTS RELEASED**

No radioactive effluents were released during this reporting period.

## **8. ENVIRONMENTAL RADIOLOGICAL SURVEYS**

No special environmental surveys were conducted for this specific license. The Storage of the AGN places it in the boundary of license R-83 that has required quarterly state TLD monitoring as well as a monthly site survey to check for radiation levels at all fence lines.

## **9. RADIATION EXPOSURE**

Radiation exposure was not higher than background levels during this reporting period.