

2024 ANNUAL OPERATING REPORT
of the
TEXAS A&M UNIVERSITY AGN-201M TRAINING REACTOR

LICENSE NO. R-23

DOCKET NO. 050-00059

For the period
1 JANUARY 2024 – 31 DECEMBER 2024

Document date
17 DECEMBER 2024

DEPARTMENT OF NUCLEAR ENGINEERING; TEXAS A&M UNIVERSITY
NUCLEAR ENGINEERING & SCIENCE CENTER;
TEXAS A&M ENGINEERING EXPERIMENT STATION

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 January 2024 to 31 December 2024. 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

There was a change to Facility Administration during 2024, as Rober Bishop because the Director of the Texas A&M Engineering Experiment Station. In that position he is the delegated Level 1 Licensee for the reactor. 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.