

The University of Oklahoma at Norman

School of Aerospace, Mechanical
and Nuclear Engineering

June 15, 1981



Directorate of Licensing
Nuclear Regulatory Commission
Washington, D.C. 20545

Re: Annual Report for the period 1 July 1980 to 30 June 1981 for license R-53
in accordance with 10CFR 50.59.

The following information is submitted in accordance with the Federal
Regulation requirement that an annual report on the operation of our reactor
facility be submitted to the Nuclear Regulatory Commission:

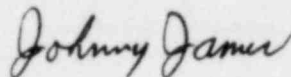
- 1) There have been no changes in our facility design, performance characteristics, or operating procedures related to reactor safety, during the reporting period. All the surveillance tests and inspections were within their normal ranges of approved values or conditions.
- 2) The reactor was operated a total of 55 times for a total of 516.3 watt-hours.
- 3) There was a total of 7 inadvertent scrams for the reporting period. There were no emergency shutdowns. The inadvertent scrams were the result of instrument malfunctions (power line transients, etc.), reactor operator errors, or small unexpected reactivity changes caused by the movement of experimental samples within the reactor core by lab personnel.
- 4) The reactor fuel elements were recoated during August of 1980. No other major maintenance operations were performed during the reporting period.
- 5) There were no major changes to the facility, procedures, tests, or experiments for the reporting period.
- 6) No radioactive effluents were released or discharged to the environs beyond our effective control.

8107210402 810615
PDR ADDCK 05000112
R PDR

A020
s
1/0

- 7) No environmental surveys were performed outside our facility.
- 8) There were no unusually high radiation exposures to the facility personnel or laboratory visitors. All the radiation and contamination surveys conducted by the University's Health Physicist were within normal ranges of acceptable values.
- 9) There were no changes in our facility organization or personnel. The Reactor Safety Committee is composed of the same personnel as listed in previous reports.

Sincerely,

A handwritten signature in cursive script that reads "Johnny James".

Johnny James
Reactor Supervisor

JJ:ec