



UNM

SCHOOL of ENGINEERING

Department of Nuclear Engineering

August 26, 2015

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Enclosed is the 2015 Annual Report for the AGN-201M reactor located at the University of New Mexico - Docket 50-252.

Sincerely,

Robert D. Busch, Ph.D, P.E.
Chief Reactor Supervisor

Anil K. Prinja, Ph.D.
Reactor Administrator

cc: Margaret Watford, Margaret.Watford@nrc.gov

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NKK

REPORT ON FACILITY LICENSE NO. R-102

THE UNIVERSITY OF NEW MEXICO

JULY 1, 2014 - JUNE 30, 2015

The University of New Mexico's AGN-201M reactor was only used for teaching and training during 2014-2015. There were no changes in facility design, performance characteristics, or operating procedures related to reactor safety during the reporting period.

The AGN-201M Reactor Facility is an essential part of our educational program, including public education, and continues to serve us well. The use of the reactor from July of 2014 through June of 2015 was as follows:

Type of Use	July 14 - June 15 Hours	July 14 - June 15 Watt-hours
Class Demonstrations	1.3	3.9
Faculty Research	9.9	8.1
Graduate Student Research	0.0	0.0
Maintenance and Equipment Check	30.0	0.0
Operator Training and Requalification	22.2	44.53
Teaching	80.70	202.26
Totals for the Year	144.10	258.79

During the annual maintenance in August 2013, we checked the detector cans and found the poly containers for Channel 1, Channel 2, and Channel 3 to be in good condition. The poly containers appear to be holding up well in the water environment. All detector cans will be inspected again as part of the 2014 annual maintenance.

There were no changes to the facility as it is described in the application for license and amendments thereto, nor were there any changes to the procedures as described in Facility Technical Specifications. No new experiments were performed during the reporting period.

There were no 10 CFR 50.59 issues during the reporting period. During the reporting period, there was no liquid radioactive waste released from the facility nor was there any solid waste released. There were no environmental radiation surveys performed outside the facility. All personnel exposures during the reporting period were below 50 mrem per person with the majority of personnel receiving below 5 mrem. No facility visitors received measurable exposures.

The current personnel assignments are (as of July 1, 2014):

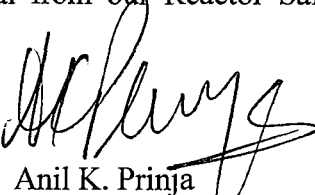
Interim Chair, Dept. of Nuclear Engineering	Anil K. Prinja
Reactor Administrator	Anil K. Prinja
Chief Reactor Supervisor	Robert D. Busch
USNRC-licensed Senior Reactor Operators	Robert D. Busch Ken Carpenter Gary Cooper
USNRC-licensed Reactor Operators	Denise Haskins Kevin O'Grady Nathan Toleman
Reactor Operators (inactive)	Chantel Nowlen Manuel Franco Nicholas Jackson

The makeup of the Reactor Safety Advisory Committee as of June 30, 2015 is:

James Bryson
Charles Harmon II
David Hayes
Ron Knief
Ted Schmidt
David Summers
Darren Talley

There are currently no vacant positions on the committee.

The University of New Mexico's AGN-201M reactor continues to be used extensively for teaching experiments as a part of our undergraduate and graduate programs. These experiments include approach-to-critical, reactor period and reactivity measurements, importance functions measurements, sample activation, control rod calibrations, and reactor power and neutron fluence measurements. The reactor is also used throughout the Fall, Spring and Summer sessions of the University. All experiments have received prior approval from our Reactor Safety Advisory Committee.



Anil K. Prinja
Reactor Administrator