

REPORT ON FACILITY LICENSE NO. R-102
THE UNIVERSITY OF NEW MEXICO AGN-201M REACTOR

JULY 1, 1983 - JUNE 30, 1985

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 function measurements, sample activation, control rod calibrations, and reactor power and neutron fluence measurements. The reactor is also used in support of our research programs. The reactor is regularly used throughout the Fall, Spring and Summer sessions of the University. All experiments have received prior approval from our Reactor Safeguards Advisory Committee and conform to radiological safety procedures developed by the University Radiation Control Committee. No modifications or experiments involving violation of the reactor Technical Specifications have been performed.

The personnel assignments for the reporting period are summarized below:

Dean, College of Engineering	Gerald W. May
Chairman, Department of Chemical and Nuclear Engineering and Reactor Administrator	Glenn A. Whan
Chief Reactor Supervisor (1Jul83-30Jun84) (1Jul84-30Jun85)	J. Craig Robertson David M. Woodall

APD

USNRC-licensed Senior Reactor
Operators

Glenn A. Whan
J. Craig Robertson
David M. Woodall

USNRC-licensed Reactor Operator

Charles W. Woodstock

Reactor Safeguards Advisory
Committee

Robert D. Busch
Robert A. Jefferson
R. Douglas O'Dell
Jon A. Reuscher

As required by the "Operator and Senior Operator Requalification Program," retraining sessions were conducted on 16Sep83, 3Nov83, 16Jan84, 22Jun84, 26Sep84, 5Dec84 and 27May85. Dr. Robertson went on sabbatical leave from the University in the summer of 1984 and did not continue to maintain a current license during the subsequent period. He has been replaced on the Operations Committee and his Senior Reactor Operator's license will be allowed to lapse.


An operator training program was conducted in the 1984-85 academic year. There were three operator trainees, Dr. Gary W. Cooper, Dr. Robert Busch and Mr. John Buksa. The training sessions were held on 22Sep84, 7Nov84, 14Nov84, 21Nov84, 28Nov84, 5Dec84 and 14Dec84. In addition a number of hours of reactor operations were scheduled for each operator trainee. An NRC Operator Examiner from NRC Region IV, Mr. Steve McCrory, administered Senior Reactor Operator (Busch and Cooper) and Reactor Operator (Buksa) Examinations on May 7-8, 1985. We expect that all three individuals have become licensed, with the delivery of those operator licenses expected this summer.

The Research Reactor Emergency Plan for our Reactor (originally submitted in October, 1982, and revised November, 1983) was again

revised and submitted to the USNRC in September of 1984. Subsequent NRC review comments led to the complete revision and resubmission in March of 1985. Security and emergency plans were reviewed and confirmed with appropriate campus and beyond-campus agencies.

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 1983 through June of 1985 was as follows:

Type of use	(Hours) Jul83-Jun84	Jul84-Jun85
Faculty Research	5	2
Teaching	23	8
Operator Training and Requalification	4	19
Graduate Student Research	13	6
Class Demonstration	6	2
Total for Year	51	37


Professor Glenn A. Whan
Department Chairman and
Reactor Administrator
June 1985



THE UNIVERSITY OF NEW MEXICO

ALBUQUERQUE, NEW MEXICO 87131

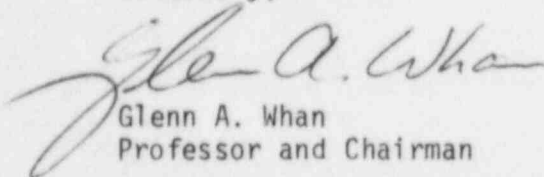
June 3, 1985

Director of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

In conformance with 10CFR50.59, enclosed is a brief statement on the status of the University of New Mexico's AGN-201M, Serial No. 112, reactor facility as licensed under Facility License Number R-102, Docket Number 50-252.

Sincerely,

A handwritten signature in cursive script, reading 'Glenn A. Whan', is written over the typed name and title.

Glenn A. Whan
Professor and Chairman

GAW:ew

cc: USNRC, Region IV
Reactor Administrator
Chief Reactor Supervisor (2)

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