

Annual Operating Report 1982  
AGN 201 M Reactor No. 107  
University of Utah  
License R-25  
Docket #50-72

A. Facility Modifications: None

B. Results of Tests and Inspections: As of July 14, 1982

Excess Reactivity  $\Delta\rho$  = \$1.00  
Shutdown Margin  $\rho$  = \$3.67

Tests concerning Reactivity Limits were terminated because of lack of use (Technical Specifications Section 4.0). However, tests concerning the Reactor Structure (Section 4.3) and Radiation Monitoring (Section 4.4) were continued as recommended by the Reactor Safety Committee.

C. Corrective Maintenance:

8 January - Replaced reference cell in recorder  
25 May - Start-up channel (#1) was repaired and installed  
2 June - High voltage potentiometer was replaced (channel #1)

D. Energy Produced: .108 watt-hours

E. Unscheduled Shutdowns: None

F. Reactor Safety Committee:

1. 22 March 1982 - R. C. Pendleton retired. Bob Hoffmann was installed as acting Radiation Safety Officer.
2. 1 June 1982 - Committee met but no action was required pertaining to the AGN.
3. 30 September 1982 - W. Ohlsen was appointed to the Reactor Safety Committee.
4. 7 December 1982 - Keith Shiager, the new Radiation Safety Officer was added to the Reactor Safety Committee. The Emergency Plan was updated, reviewed and approved.
5. All logs and manuals related to AGN operations, personnel radiation exposures, and annual environmental surveys were reviewed and approved.

G. Summary of Changes (50.59a): None

H. Reportable Occurrences: None