

PRIORITY ROUTING

First	Second
RA	EC
DRA	EIC
DRP	SGA
DRS	OI
DRMS	PAC
DRMA	

50-186

*filed*

FILE *her*

UNIVERSITY OF MISSOURI RESEARCH REACTOR

OPERATIONS MONTHLY SUMMARY

*Gary S*  
*[Signature]*

*Tim R.*

May 1996

Prepared by:  
Operations Staff



*DF01*

*011*

010005

9700010035 960531  
PDR ADOCK OSOCO186  
R PDR

JUN 11 1996

May 1996

The reactor operated continuously in May with the following exceptions: four shutdowns for scheduled maintenance and refueling; one shutdown for maintenance.

Major maintenance items for the month included: rebuilding 529 series solenoids B-C-F-G-H-S-V; rebuilding pool pump 508B with a replacement bearing housing including new bearings and seals; replacing the front panel on the Gamma-Metrics neutron flux monitor; installing the vestibule box on beamport 'E'.

### OPERATION SUMMARY

HOURS OPERATED THIS PERIOD	671
TOTAL HOURS OPERATED	196,183
HOURS AT FULL POWER THIS PERIOD	664
TOTAL HOURS AT FULL POWER	193,167
INTEGRATED POWER THIS PERIOD	277 MWD
TOTAL INTEGRATED POWER	74,635 MWD

### MAINTENANCE ACTIVITIES

- 5/6/96 Refueled - removed core 96-20, loaded core 96-21. Rebuilt solenoid valves 529F and 529S.
- 5/7/96 Refueled - removed core 96-21, loaded core 96-22. Rebuilt pool pump 508B.
- 5/12/96 Refueled - removed core 96-22, loaded core 96-23. Rebuilt solenoid valves 529G and 529V. Replaced the front panel on the Gamma-Metrics neutron flux monitor.
- 5/20/96 Refueled - removed core 96-23, loaded core 96-24.
- 5/28/96 Refueled - removed core 96-24, loaded core 96-25. Rebuilt solenoid valves 529B, 529H, and 529C.