

# PRIORITY ROUTING

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DRS		OI	
✓ DRSS		PAO	
DRMA			

FILE

UNIVERSITY OF MISSOURI RESEARCH REACTOR

## OPERATIONS MONTHLY SUMMARY

May 1995

Prepared by:  
Operations Staff

JUN 26 1995

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May 1995

The reactor operated continuously in May with the following exceptions: five shutdowns for scheduled maintenance and refueling. There were no unscheduled shutdowns this month. The biennial emergency training drill involving outside emergency support organizations was completed this month.

Maintenance items for the month included: installing a boral shield on beamport "B"; shipping eight depleted fuel elements in the BMI-1 cask; replacing the drive motor on the outer personnel airlock door; and replacing the detector on nuclear instrument channel #5 (power range monitor).

#### OPERATION SUMMARY

HOURS OPERATED THIS PERIOD	659
TOTAL HOURS OPERATED	188,369
HOURS AT FULL POWER THIS PERIOD	657
TOTAL HOURS AT FULL POWER	185,396
INTEGRATED POWER THIS PERIOD	274 MWD
TOTAL INTEGRATED POWER	71,396 MWD

#### MAINTENANCE ACTIVITY

5/1/95	Refueled - removed core 95-18, loaded core 95-19. Installed boral shield on beamport "B" beam tube.
5/7/95	Refueled - removed core 95-19, loaded core 95-20. Shipped eight depleted fuel elements in BMI-1 cask.
5/15/95	Refueled - removed core 95-20, loaded core 95-21. Replaced the drive motor for the outer personnel airlock door. Replaced NI Channel #5 (PRM) detector.
5/22/95	Refueled - removed core 95-21, loaded core 95-22.
5/30/95	Refueled - removed core 95-22, loaded core 95-23.



UNIVERSITY OF MISSOURI-COLUMBIA

Environmental Health & Safety

Research Park Development Bldg.  
Columbia, Missouri 65211  
Telephone (314) 882-7018  
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Hazardous Waste Management 882-7018  
Industrial Hygiene Services 882-7018  
Radiation Safety Office 882-7221  
Workers' Compensation 882-7018

May 12, 1995

John B. Martin, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region III  
801 Warrrenville Road  
Lisle, IL 60632-4351

RE: License No. 24-00513-32  
Docket No. 030-02278  
Response to Notice of Violation

Subject: Monthly Progress Report of Safety Performance Improvement Program -- Action Plan for  
the University of Missouri-Columbia Radiation Safety Program

Dear Sir:

In accordance with commitments made by the University of Missouri-Columbia and with the NRC Order dated July 13, 1994, this report is being submitted to you. The purpose of this report is to provide you with monthly progress on the completion status of the action items identified in the Safety Performance Improvement Program (dated June 20, 1994). I have been providing you these monthly progress reports by the 15th of each month.

The University began Phase Three of its Action Plan in January 1995. No due date was established for completion of Action Plan items in April 1995. The University has submitted a written request (dated February 15, 1995) to change the frequency of these progress reports. We understand that no change may be made without your written approval.

Sincerely,

Susan M. Langhorst, Ph.D., CHP  
Radiation Safety Officer

cc: C.A. Kiesler, Chancellor  
B.J. Deaton, Chief of Staff  
K.W. Groshong, Vice Chancellor  
J.K. Jones, Associate Vice Chancellor  
J.P. McCormick, Vice Provost  
W.H. Miller, RSC Chair  
J.L. Beckett, Director

MAY 25 1995

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