



Research Reactor Center

University of Missouri-Columbia

Research Park
Columbia, MO 65211

PHONE (573) 882-4211
FAX (573) 882-6360

50-186

January 22, 2002

Mr. Alexander Adams, Jr.
U.S. Nuclear Regulatory Commission
Mail Stop O12-D3
Washington, DC 20555-0001

SUBJECT: Monthly Operations Summary

Enclosed is a copy of MURR's monthly operations summary for December 2001. If you have any questions, please contact me at (573) 882-5264.

Sincerely,

A handwritten signature in cursive script, reading 'Paul S. Hobbs'.

Paul S. Hobbs, PE
Reactor Manager

PSH/djr

Enclosure

IE24
A020

UNIVERSITY OF MISSOURI RESEARCH REACTOR

OPERATIONS MONTHLY SUMMARY

December 2001

Prepared by:
Operations Staff

December 2001

The reactor operated continuously in December with the following exceptions: five shutdowns for scheduled maintenance and refueling.

Major maintenance items for the month included:

1. Performing biennial control blade offset mechanism change-out of position "C".
2. Installing a digital run-time meter in the Control Room for the emergency diesel generator.
3. Performing flange gasket and valve diaphragm refurbishment and replacement associated with DI-200 deionization tank.
4. Replacing the door control solenoids on the inner personnel airlock door (door 277).
5. Repairing a minor leak on secondary side of primary heat exchanger 503A.

MAINTENANCE ACTIVITIES

Date

12/03/01	Refueled - removed core 01-56, loaded core 01-57.
12/10/01	Refueled – removed core 01-57, loaded core 01-58. Completed biennial changeout of control blade offset mechanism "C".
12/17/01	Refueled – removed core 01-58, loaded core 01-59. Installed digital run-time meter in the control room for the emergency diesel generator. Refurbished and replaced flange gaskets and valve diaphragms associated with DI-200 deionization tank.
12/24/01	Refueled – removed core 01-59, loaded core 01-60. Replaced the door control solenoids on the inner personnel airlock door (door 277).
12/31/01	Refueled – removed core 01-60, loaded core 01-61. Completed repairs of a minor leak on the secondary side of primary heat exchanger 503A. This repair was to remove an existing epoxy patch and apply a new one. The existing patch had begun to seep slightly.

OPERATIONS SUMMARY

HOURS OPERATED THIS PERIOD	663	
TOTAL HOURS OPERATED	239,743	
HOURS AT FULL POWER THIS PERIOD	659	
TOTAL HOURS AT FULL POWER	236,514	
INTEGRATED POWER THIS PERIOD	275	MWD
TOTAL INTEGRATED POWER	92,743	MWD