



Research Reactor Center

University of Missouri-Columbia

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50-186

December 22, 2003

Mr. Alexander Adams, Jr.
U.S. Nuclear Regulatory Commission
Mail Stop O12-G13
Washington, DC 20555-0001

SUBJECT: Monthly Operations Summary

Enclosed is a copy of MURR's Monthly Operations Summary for November 2003. If you have any questions, please contact me at (573) 882-5276.

Sincerely,

Leslie Foyto
Reactor Manager

LM/sm
cc. Craig Bassett
Enclosure

Please docket

50-186

Thanks

AD Adams

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*UNIVERSITY OF MISSOURI
RESEARCH REACTOR*

OPERATIONS MONTHLY SUMMARY

NOVEMBER 2003

*Prepared by:
Operations Staff*

INTRODUCTION

The reactor operated continuously in November with the following exceptions: 4 shutdowns for scheduled maintenance and refueling.

MAINTENANCE ACTIVITIES

11/03/03	Refueled - removed core 03-51, loaded core 03-52. Rebuilt valve A-147 (16"A exhaust solenoid valve). Loaded new pool de-ionization bed 'L'. Replaced pico-ammeter card in Nuclear Instrumentation Wide Range Monitor.
11/10/03	Refueled - removed core 03-52, loaded core 03-53.
11/17/03	Refueled - removed core 03-53, loaded core 03-54. Completed the biennial change out of Control Blade 'C' Offset Mechanism.
11/24/03	Refueled - removed core 03-54, loaded core 03-55. Rebuilt valve A-147 (16"A exhaust solenoid valve).

OPERATION SUMMARY FOR MONTH OF

University of Missouri Research Reactor Center (MURR)

Nov-03

HOURS OPERATED THIS PERIOD

659.49

TOTAL HOURS OPERATED, REACTOR

254,597.17

HOURS OPERATED AT FULL POWER, THIS PERIOD

656.04

TOTAL HOURS AT FULL POWER, REACTOR

251,293.26

INTEGRATED POWER THIS PERIOD

273.43

MWD

TOTAL INTEGRATED POWER, REACTOR

98,905.20

MWD

Submitted by:

Das K

MWD Custodian/Reactor Physicist

Date:

Dec 08, 2003