



Research Reactor Center

University of Missouri-Columbia

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February 15, 2005

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

SUBJECT: University of Missouri Research Reactor Facility
Docket No. 50-186
Monthly Operations Summary

Dear Mr. Adams:

Enclosed is a copy of MURR's Monthly Operations Summary for January 2005. If you have any questions, please contact me at (573) 882-5276.

Sincerely,

Leslie P. Foyto
Reactor Manager

LPF/djr

Enclosure

IE24

**UNIVERSITY OF MISSOURI
RESEARCH REACTOR
OPERATIONS MONTHLY SUMMARY**

January 2005

**Prepared by:
Operations Staff**

INTRODUCTION

The reactor operated continuously in January with the following exceptions: 5 shutdowns for scheduled maintenance and refueling.

MAINTENANCE ACTIVITIES

1/3/05	Refueled - removed core 04-60, loaded core 05-01. Replaced shaft keeper key on motor coupling for Cooling Tower Fan CTF-3.
1/10/05	Refueled - removed core 05-01, loaded core 05-02. Completed CP-31 (Calibration of the Eberline Radiation Stack Monitor) Adjusted Pool Coolant Heat Exchanger Bypass Valve S-2 linkage to 80° rotation for better pool cooling control.
1/17/05	Refueled - removed core 05-02, loaded core 05-03. Replaced the Pool Coolant Demineralizer System inlet filters.
1/18/05	Cleaned the Secondary Coolant System pump SP-3 inlet strainer.
1/24/05	Refueled - removed core 05-03, loaded core 05-04.
1/31/05	Refueled - removed core 05-04, loaded core 05-05. Replaced the flange gaskets, studs, nuts, and diaphragms around the Primary Demineralizer System inlet filter housing. Replaced the High Pressure isolation valve for DPS 928B (Primary Heat Exchanger Differential Pressure Transmitter).

OPERATION SUMMARY FOR MONTH OF
University of Missouri Research Reactor Center (MURR)

Jan-05

HOURS OPERATED THIS PERIOD

674.17

TOTAL HOURS OPERATED, REACTOR

263,890.39

HOURS OPERATED AT FULL POWER, THIS PERIOD

670.48

TOTAL HOURS AT FULL POWER, REACTOR

260,543.48

INTEGRATED POWER THIS PERIOD

279.46

MWD

TOTAL INTEGRATED POWER, REACTOR

102,761.15

MWD

Submitted by:

Das K

MWD Custodian/Reactor Physicist

Date:

2/7/05