



Research Reactor Center

University of Missouri-Columbia

Research Park
Columbia, MO 65211

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

July 23, 2002

50-186

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 June 2002. If you have any questions, please contact me at (573) 882-5264.

Sincerely,

Paul S. Hobbs, PE
Reactor Manager

PSH/djr
cc. Craig Bassett
Enclosure

IE24
A020

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

JUNE 2002

Prepared by:
Operations Staff

INTRODUCTION

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

MAINTENANCE ACTIVITIES

- 6/3/02 Refueled - removed core 02-27, loaded core 02-28.
- Replaced valve diaphragms and flange gaskets for De-ionizing Tank DI-202 and the Storage Tank.
- 6/4/02 Loaded new pool de-ionization bed 'E'.
- 6/10/02 Refueled - removed core 02-28, loaded core 02-29.
- Completed installation of new Dry Fire Main piping through the Containment Building Seal Trench.
- Completed installation of a 2000KVA transformer as part of the facility electrical distribution system upgrade in accordance with Modification Record 02-01.
- 6/17/02 Refueled - removed core 02-29, loaded core 02-30.
- Installed new Pool Flow Square Root Transmitters in accordance with Modification Record 01-4, Addendum No. 7.
- 6/24/02 Refueled - removed core 02-30, loaded core 02-31.
- Loaded the CNS1-13G Waste Shipping Cask with old wedges for shipment to the Barnwell Site for disposal.
- 6/25/02 Replaced P501A (primary system pump) motor.

OPERATION SUMMARY FOR MONTH OF

University of Missouri Research Reactor Center (MURR)

Jun-02

HOURS OPERATED THIS PERIOD

602.26

TOTAL HOURS OPERATED, REACTOR

243,498.00

HOURS OPERATED AT FULL POWER, THIS PERIOD

601.36

TOTAL HOURS AT FULL POWER, REACTOR

240,251.03

INTEGRATED POWER THIS PERIOD

250.67

MWD

TOTAL INTEGRATED POWER, REACTOR

94,301.59

MWD

Submitted by: _____

Das K

MWD Custodian/Reactor Physicist

Date: _____

7/1/02