



Research Reactor Center

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April 29, 2002

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

Sincerely,

Paul S. Hobbs, PE
Reactor Manager

PSH/djr

Enclosure

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UNIVERSITY OF MISSOURI RESEARCH REACTOR

OPERATIONS MONTHLY SUMMARY

MARCH 2002

Prepared by:
Operations Staff

INTRODUCTION

The reactor operated continuously in March with the following exceptions: five shutdowns for scheduled maintenance and refueling. Performed two short duration startups to 9MW for NRC operator examination. There were no unscheduled shutdowns this month.

MAINTENANCE ACTIVITIES

- 3/4/02 Refueled - removed core 02-11, loaded core 02-12.
- Installed new square root converter for flow transmitters 912A and 912E in accordance with Modification Record 01-4, Addendum No. 6.
- 3/11/02 Refueled - removed core 02-12, loaded core 02-13.
- Replaced P501B-primary system pump and motor.
- 3/12/02 Refueled - removed core 02-13, loaded core 02-14.
- Shutdown to investigate inner airlock door seal leak. Replaced bladder.
- 3/18/02 Refueled - removed core 02-14, loaded core 02-15.
- Transferred eight spent fuel elements to the BMI cask in preparation for shipment to the Westinghouse Savannah River Site.
- Installed new solenoid valves 529I and 529J for anti-siphon system valves 543 A and B in accordance with Modification Record 01-6.
- 3/25/02 Refueled - removed core 02-15, loaded core 02-16.
- Removed, rebuilt, and reinstalled P508B-pool system pump.
- Installed new pool ΔT adder-subtractor unit in accordance with Modification Record 01-4, Addendum No. 3.

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OPERATION SUMMARY FOR MONTH OF	Mar-02
University of Missouri Research Reactor Center (MURR)	
HOURS OPERATED THIS PERIOD	645.70
TOTAL HOURS OPERATED, REACTOR	241,624.28
HOURS OPERATED AT FULL POWER, THIS PERIOD	641.79
TOTAL HOURS AT FULL POWER, REACTOR	238,383.85
INTEGRATED POWER THIS PERIOD	267.65 MWD
TOTAL INTEGRATED POWER, REACTOR	93,523.26 MWD

Submitted by: Das
MWD Custodian/Reactor Physicist

Date: 4/2/02