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August 15, 2001

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 July 2001.

Sincerely,

Paul S. Hobbs, PE
Reactor Manager

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UNIVERSITY OF MISSOURI RESEARCH REACTOR

OPERATIONS MONTHLY SUMMARY

July 2001

Prepared by:
Operations Staff

July 2001

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

Major maintenance items for the month included: replacing the meter for pressure transmitter 917 – pool reflector differential pressure; completing Modification Record 75-16 Addendum 1 – Relocation of the Portable Reactor Safety System Monitoring Circuit; removing, rebuilding and replacing anti-siphon valve 543 B; replacing the time delay relay coil for cooling tower fan #3; replacing the four solenoid-operated air control valves for primary coolant isolation valves 507 A/B with new style solenoid-operated poppet valves as per Modification Record 01-6 (the replaced valves are designated 529F, 529H, 529S and 529T); shipping eight spent fuel elements to Westinghouse Savannah River Site; NRC inspector Craig Bassett completed an inspection of shipping, health physics, and security.

MAINTENANCE ACTIVITIES

Date

07/02/01	Refueled - removed core 01-32, loaded core 01-33.
07/09/01	Refueled – removed core 01-33, loaded core 01-34. Replaced PT 917 meter.
07/10/01	Completed Modification Record 75-16 Addendum 1 – Relocation of the Portable Reactor Safety System Monitoring Circuit.
07/16/01	Refueled – removed core 01-34, loaded core 01-35. After Startup and 3 hours operation at 10 MW, it was determined that a coarse adjustment at one Nuclear Instrument channel was required. The reactor was shutdown to make this adjustment, then reinstated.
07/17/01	Shutdown for adjustment of nuclear instrumentation channel.
07/23/01	Refueled – removed core 01-35, loaded core 01-36. Rebuild anti-siphon valve 543B.
07/24/01	Replaced the time delay relay coil for CT fan #3.

07/30/01 Refueled – removed core 01-36, loaded core 01-37.
Replaced solenoid-operated valves for primary coolant isolation valves 506 A/B
per Modification Record 01-6.
Stored eight spent fuel elements in shipping cask in preparation for shipping to
Westinghouse Savannah River Site.

OPERATIONS SUMMARY

HOURS OPERATED THIS PERIOD	641	
TOTAL HOURS OPERATED	236,478	
HOURS AT FULL POWER THIS PERIOD	639	
TOTAL HOURS AT FULL POWER	233,266	
INTEGRATED POWER THIS PERIOD	266	MWD
TOTAL INTEGRATED POWER	91,390	MWD