

50-186

PRIORITY ROUTING

First	Second
RA	RC
DRA	EIC
DRP	SGA
DRS	OI
✓ DNMS	PAQ
DRMA	

FILE *has*

UNIVERSITY OF MISSOURI RESEARCH REACTOR
 OPERATIONS MONTHLY SUMMARY

June 1997

Prepared by:
 Operations Staff



DF01
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9708010040 970630
 PDR ADOCK 05000186
 R PDR

JUL 15 1997

June 1997

The reactor operated continuously in June with the following exceptions: five shutdowns for scheduled maintenance and refueling; one unscheduled shutdown.

On June 30, a spurious wide range monitor (N.I. Channel #4) high power rod run-in occurred during a startup for a low-power experiment. The reactor power level was 10 kW at the time this occurred. No actual high power indication was observed on any instrumentation. Electronics technicians reseated connections and insulated the cover from the component housing inside the Channel #4 picoammeter. The instrument was tested satisfactorily and a startup was completed with no further problems of this type occurring.

Major maintenance items for the month included preparing depleted pool deionization bed "R" for disposal and loading new pool deionization bed "Y".

UNSCHEDULED SHUTDOWNS

<u>Date</u>	<u>No.</u>	<u>Type</u>	<u>Cause</u>
6/30/97	1065	Rod Run-In	Spurious Channel #4 high power

OPERATION SUMMARY

HOURS OPERATED THIS PERIOD	649
TOTAL HOURS OPERATED	204,802
HOURS AT FULL POWER THIS PERIOD	646
TOTAL HOURS AT FULL POWER	201,741
INTEGRATED POWER THIS PERIOD	269 MWD
TOTAL INTEGRATED POWER	78,209 MWD

MAINTENANCE ACTIVITIES

06/02/97 Refueled - removed core 97-24, loaded core 97-25.

06/05/97 Dumped depleted pool DI bed "R", loaded new pool DI bed "Y".

06/09/97 Refueled - removed core 97-25, loaded core 97-26.

06/16/97 Refueled - removed core 97-26, loaded core 97-27.

06/23/97 Refueled - removed core 97-27, loaded core 97-28. Performed biennial facility/emergency support personnel emergency drill.

06/30/97 Refueled - removed core 97-28, loaded core 97-29.