

May 15, 2001

Dr. Edward A. Deutsch, Director  
Research Reactor Center  
University of Missouri-Columbia  
Research Park  
Columbia, MO 65211

SUBJECT: UNIVERSITY OF MISSOURI-COLUMBIA - REQUEST FOR ADDITIONAL  
INFORMATION RE: AMENDMENT EXTENDING LICENSE EXPIRATION  
DATE (TAC NO. MB0850)

Dear Dr. Deutsch:

We are continuing our review of your amendment request for Amended Facility License No. R-103 for the University of Missouri-Columbia Research Reactor which you submitted on December 27, 2000, as supplemented on April 12, 2001. During our review of your amendment request, questions have arisen for which we require additional information and clarification. Please provide responses to the enclosed request for additional information within 30 days of the date of this letter. In accordance with 10 CFR 50.30(b), your response must be executed in a signed original under oath or affirmation. Following receipt of the additional information, we will continue our evaluation of your amendment request.

If you have any questions regarding this review, please contact me at 301-415-1127.

Sincerely,

*/RA/*

Alexander Adams, Jr., Senior Project Manager  
Events Assessment, Generic Communications and  
Non-Power Reactors Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket No. 50-186

Enclosure: As stated

cc w/enclosure:  
Please see next page

University of Missouri-Columbia

Docket No. 50-186

cc:

University of Missouri  
Associate Director  
Research Reactor Facility  
Columbia, MO 65201

A-95 Coordinator  
Division of Planning  
Office of Administration  
P.O. Box 809, State Capitol Building  
Jefferson City, MO 65101

Mr. Ron Kucera, Director  
Intergovernmental Cooperation  
and Special Projects  
Missouri Department of Natural Resources  
P.O. Box 176  
Jefferson City, MO 65102

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**ADAMS ACCESSION NO: ML011240095**

**TEMPLATE #: NRR-056**

OFFICE	REXB:LA	REXB:PM	RGEB	REXB:BC
NAME	EHylton:rdr	AAdams		LMarsh
DATE	05/ 04 /2001	05/ 04 /2001	05/ 10 /2001	05/ 14 /2001

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**REQUEST FOR ADDITIONAL INFORMATION  
UNIVERSITY OF MISSOURI-COLUMBIA RESEARCH REACTOR  
DOCKET NO. 50-186**

1. Please describe the impacts that your proposed license amendment will have on the terrestrial and aquatic biosphere including the impact on threatened and endangered species.
2. Please describe water use at the reactor facility. What is the source of your water and what is the annual consumption of the facility?