

September 14, 2015

Mr. Ralph Butler, Director
Research Reactor Center
University of Missouri-Columbia
Research Park
Columbia, MO 65211

SUBJECT: UNIVERSITY OF MISSOURI AT COLUMBIA - REQUEST FOR ADDITIONAL INFORMATION REGARDING PHYSICAL SECURITY PLAN REVIEW FOR RENEWAL OF FACILITY OPERATING LICENSE NO. R-103 FOR THE UNIVERSITY OF MISSOURI AT COLUMBIA RESEARCH REACTOR (TAC NO. ME1580)

Dear Mr. Butler:

The U.S. Nuclear Regulatory Commission (NRC) is continuing its review of your application for the renewal of Facility Operating License No. R-103, dated August 31, 2006 (a redacted version of the application is available on the NRC's public web site at www.nrc.gov under Agencywide Documents Access and Management System Accession Nos. ML062540114 - cover letter; ML092110573 - Safety Analysis Report (SAR), Chapters 1-9; ML092110597 - SAR, Chapters 10-18), as supplemented, for the University of Missouri - Columbia Research Reactor. During our review, questions have arisen for which additional information is needed. The enclosed request for additional information (RAI) identifies the additional information needed to complete our review. We request that you provide responses to the enclosed RAI within 45 days from the date of this letter.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.30(b) "Oath or affirmation", you must execute your response in a signed original document under oath or affirmation. Your response must be submitted in accordance with 10 CFR 50.4, "Written communications." Information included in your response that is considered sensitive or proprietary, that you seek to have withheld from the public, must be marked in accordance with 10 CFR 2.390, "Public inspections, exemptions, requests for withholding." Any information related to security should be submitted in accordance with 10 CFR 73.21, "Protection of Safeguards Information: Performance Requirements." Following receipt of the additional information, we will continue our evaluation of your renewal request.

Enclosure transmitted herewith contains security-related information. When separated from enclosure, this document is decontrolled.

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

- 2 -

If you have any questions, or need additional time to respond to this request, contact me at (301) 415-0893 or by electronic mail at: Geoffrey.Wertz@nrc.gov.

Sincerely,

/RA by AAdams for/

Geoffrey A. Wertz, Project Manager
Research and Test Reactors Licensing Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-186

Enclosure:
Request for Additional Information

cc w/o enclosure: See next page

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

R. Butler

- 2 -

If you have any questions, or need additional time to respond to this request, contact me at (301) 415-0893 or by electronic mail at: Geoffrey.Wertz@nrc.gov.

Sincerely,

/RA by AAdams for/

Geoffrey A. Wertz, Project Manager
Research and Test Reactors Licensing Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-186

Enclosure:
Request for Additional Information

cc w/o enclosure: See next page

DISTRIBUTION:

PUBLIC
GWertz, NRR
KHsueh, NRR

DPR/PRLB R/F
AAdams, NRR

RidsNrrDprPrta
RidsNrrDpr

RidsNrrDprPrtb
BReed, NRR

ADAMS Accession Nos: ML15224B281 (Pkg.); ML15224B309 (Letter); ML15211A410 (OUO-SRI RAI) *via email

OFFICE	DPR/PRLB/PM*	DPR/PRLB/LA	DPR/PROB/BC	DPR/PRLB/BC	DPR/PRLB/PM*
NAME	GWertz	ELee	KHsueh	AAdams	GWertz (AAdams for)
DATE	8/13/15	8/18/15	8/27/15	9/14/15	9/14/15

OFFICIAL RECORD COPY

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

University of Missouri-Columbia

Docket No. 50-186

cc:

Les Foyto, Associate Director
Reactor and Facilities Operations
Research Reactor Center
University of Missouri - Columbia
Research Park
Columbia, MO 65211

Homeland Security Coordinator
Missouri Office of Homeland Security
P.O. Box 749
Jefferson City, MO 65102

Planner, Dept. of Health and Senior Services
Section for Environmental Public Health
P.O. Box 570
Jefferson City, MO 65102-0570

Deputy Director for Policy
Department of Natural Resources
1101 Riverside Drive
Fourth Floor East
Jefferson City, MO 65101

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

Test, Research, and Training
Reactor Newsletter
University of Florida
202 Nuclear Sciences Center
Gainesville, FL 32611