

December 5, 2017

Mr. Matt Sanford  
Interim Reactor Facility Director  
University of Missouri-Columbia  
Research Reactor Center  
1513 Research Park Drive  
Columbia, MO 65211

SUBJECT: UNIVERSITY OF MISSOURI-COLUMBIA – REQUEST FOR EXTENSION TO  
RESPOND TO THE REQUEST FOR ADDITIONAL INFORMATION  
RE: LICENSE AMENDMENT REQUEST TO IMPLEMENT SELECTIVE GAS  
EXTRACTION TARGET EXPERIMENTAL FACILITY AT THE UNIVERSITY OF  
MISSOURI RESEARCH REACTOR (CAC A11010/05000186/L-2017-LLA-0227)

Dear Mr. Sanford:

By letter dated May 3, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession Package No. ML17132A252), the University of Missouri-Columbia Research Reactor (MURR) submitted a license amendment request (LAR) to produce molybdenum-99 using the General Atomics, Selective Gas Extraction process. By letter dated November 1, 2017 (ADAMS Accession No. ML17284A043), the NRC staff submitted a request for additional information (RAI) to support its continued review of the LAR. By letter dated November 29, 2017 (ADAMS Accession No. ML17335A034), MURR staff requested a 45-day extension, to January 15, 2018, to complete the RAI responses.

The NRC staff accepts the 45-day extension request.

If you have any questions regarding this review, please contact me at (301) 415-0893, or by electronic mail at [Geoffrey.Wertz@nrc.gov](mailto:Geoffrey.Wertz@nrc.gov).

Sincerely,

**/RA Michael Balazik for/**

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

Docket No. 50-186  
License No. R-103

Enclosure  
As stated

cc: See next page

cc:

Les Foyto, Associate Director  
Reactor and Facilities Operations  
University of Missouri – Columbia  
Research Reactor Center  
1513 Research Park Drive  
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  
P.O. Box 118300  
University of Florida  
Gainesville, FL 32611

SUBJECT: UNIVERSITY OF MISSOURI-COLUMBIA – REQUEST FOR EXTENSION TO  
RESPOND TO THE REQUEST FOR ADDITIONAL INFORMATION RE:  
LICENSE AMENDMENT REQUEST TO IMPLEMENT SELECTIVE GAS  
EXTRACTION TARGET EXPERIMENTAL FACILITY AT THE UNIVERSITY OF  
MISSOURI RESEARCH REACTOR (CAC A11010/05000186/L-2017-LLA-0227)  
DATED: DECEMBER 5, 2017

**DISTRIBUTION:**

PUBLIC	LTran, NRR	RidsNrrDlpPrlb
PRLB r/f	SLynch, NRR	RidsNrrDlp
RidsACRS_MailCTR	AAdams, NRR	GWertz, NRR
RidsNrrDlpProb	RidsOgcMailCenter	MBalazik, NRR
EHelvenston, NRR		

**ADAMS Accession No.: ML17338A934**

**\*concurrence via e-mail**

**NRR-106**

OFFICE	NRR/PRLB/PM*	NRR/PRLB/LA*	NRR/PRLB/BC	NRR/PRLB/PM
NAME	GWertz	NParker	AAdams (MBalazik <i>for</i> )	GWertz (MBalazik <i>for</i> )
DATE	12/5/17	12/5/17	12/5/17	12/5/17

**OFFICIAL RECORD COPY**