



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 18, 2019

Dr. David J. Robertson
Reactor Facility Director
University of Missouri-Columbia
Research Reactor Center
1513 Research Park Drive
Columbia, MO 65211

SUBJECT: UNIVERSITY OF MISSOURI-COLUMBIA – AMENDMENT NO. 14 TO
INDEMNITY AGREEMENT NO. E-45 (EPID NO. L-2018-LLL-0019)

Dear Dr. Robertson:

The U.S. Nuclear Regulatory Commission has issued Amendment No. 14 to the Indemnity Agreement E-45 in response to your request by letter dated April 17, 2018 (Agencywide Documents Access and Management System Accession No. ML18109A038). The amendment consists of changes such that additional areas will be covered by the indemnity agreement. Enclosed with this letter are two signed copies of the amendment. Please sign and date both copies, retain one for your records and return the other to the following address:

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

If you have any questions regarding this amendment, please contact Geoffrey A. Wertz of my staff at 301-415-0893 or by electronic mail at Geoffrey.Wertz@nrc.gov.

Sincerely,

/RA/

Alexander Adams Jr., Chief
Research and Test Reactors Licensing Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

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

Enclosure:
As stated

cc: w/enclosures: See next page

University of Missouri-Columbia

Docket No. 50-186

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

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

A-95 Coordinator
Commissioner's Office
Office of Administration
P.O. Box 809
State Capitol Building, Room 125
Jefferson City, MO 65101

Planning Coordinator
Missouri Department of Natural Resources
1101 Riverside Drive
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 – AMENDMENT NO. 14 TO
INDEMNITY AGREEMENT NO. E-45 (EPID NO. L-2018-LLL-0019)
DATE: JANUARY 18, 2019

DISTRIBUTION:

PUBLIC	PRLB r/f	AAdams, NRR
RidsNrrDlp	RidsNrrDlpPrlb	MHenderson, NRR
RidsNrrDlpProb	RidsOgcMailCenter	ABowers, NRR
WSchuster, NRR	GWertz, NRR	NParker, NRR

ADAMS Accession No. ML19016A168; *concurrence via e-mail

NRR-088

OFFICE	NRR/DLP/PRLB/PM*	NRR/DLP/PRLB/LA*	NRR/DLP/PRLB/BC	NRR/DLP/PRLB/PM
NAME	GWertz	NParker	AAdams	GWertz (AAdams <i>for</i>)
DATE	1/16/2019	1/16/2019	1/18/2019	1/18/2019

OFFICIAL RECORD COPY



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

Docket No. 50-186

AMENDMENT TO INDEMNITY AGREEMENT NO. E-45
AMENDMENT NO. 14

Effective _____, 2019, Indemnity Agreement No. E-45, between The Curators of the University of Missouri, and the U.S. Nuclear Regulatory Commission, dated December 29, 1965, as amended, is further amended as follows:

Item 2 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 – License number or numbers

R-103 (From 12:01 a.m., January 4, 2017)

Item 3 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 3 – Location (From 12:01 a.m., January 4, 2017)

The University of Missouri-Columbia Research Reactor (MURR) facility is situated on a 7.5-acre lot in the central portion of Research Commons, an 84-acre tract of land approximately one mile southwest of the University of Missouri (MU) at Columbia's main campus. The restricted, or licensed, area is that area inside the fenced 7.5 acre lot surrounding the MURR facility itself. The MURR site description is provided in MURR Technical Specification 5.1.a. A map of the MURR licensed area is provided as Figure 2 in Enclosure 2 of MURR's amendment request, by letter dated April 17, 2018.

Historical license number changes to the original indemnity agreement and attachments thereof were not previously recorded. Therefore, the following changes are listed here as a matter of record:

On October 11, 1966, the Special Nuclear Material (SNM) License No. SNM-934 expired, and Construction Permit No. CPRR-68 was converted to Reactor Operating License No. R-103.

Enclosure

FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION

_____/RA/_____
Anthony Bowers, Chief
Financial Projects Branch
Division of Licensing Projects
Office of Nuclear Reactor Regulation

Accepted _____, 20__

By _____
The Curators of the University of Missouri