

UNIVERSITY of MISSOURI

RESEARCH REACTOR CENTER

October 8, 2018

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

REFERENCE: Docket No. 50-186
University of Missouri-Columbia Research Reactor
Renewed Facility Operating License No. R-103

SUBJECT: Supplemental Information to support a revision to the Technical Specifications appended to Renewed Facility Operating License No. R-103 pursuant to 10 CFR § 50.90

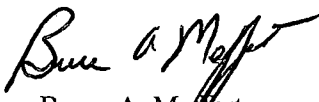
By letter dated April 17, 2018, the University of Missouri-Columbia Research Reactor (MURR) submitted a request to the U.S. Nuclear Regulatory Commission (NRC) to revise Technical Specification (TS) 3.7, "Radiation Monitoring Systems and Airborne Effluents," and TS 6.2, "Review and Audit."

On October 4, 2018, during a call between MURR and NRC staff, a discussion was held about improving the clarity and removing any potential ambiguity to TS 6.2.b. TS 6.2.b has been revised based on that discussion.


Enclosure 1 contains the proposed, revised TS page A-68 with track changes. Enclosure 2 contains the proposed, revised TS page A-68 with changes accepted and revision bars.

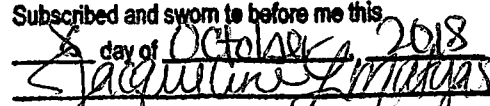
If there are any questions regarding the responses, please contact me at (573) 882-5118 or MeffertB@missouri.edu. I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,


Bruce A. Meffert
Reactor Manager

ENDORSEMENT:
Reviewed and Approved


J. David Robertson, PhD
Reactor Facility Director

State of Missouri *NR*
County of Boone
Subscribed and sworn to before me this
8 day of October, 2018

JACQUELINE L. MATYAS, Notary Public
My Commission Expires: March 26, 2019



JACQUELINE L. MATYAS
My Commission Expires
March 26, 2019
Howard County
Commission #15634308



cc: Reactor Advisory Committee
Reactor Safety Subcommittee
Isotope Use Subcommittee
Dr. Mark McIntosh, Vice Chancellor for Research, Graduate Studies and Economic
Development
Mr. Geoffrey Wertz, U.S. Nuclear Regulatory Commission
Mr. William Schuster, U.S. Nuclear Regulatory Commission

Enclosures:

1. Proposed, revised Technical Specification page – A-68 (with track changes)
2. Proposed, revised Technical Specification pages – A-68 (with accepted changes and revision bars)

Date:
Amendment No.:

6.2 **Review and Audit** - Continued

- b. The RAC may appoint subcommittees consisting of knowledgeable members of the public, students, faculty, and staff of MU when it deems it necessary in order to effectively discharge its primary responsibilities. When subcommittees are appointed, these subcommittees shall consist of no less than three (3) members with no more than one (1) student appointed to each subcommittee. The subcommittees may be authorized to act on behalf of the RAC.

The RAC and its subcommittees shall maintain minutes of meetings in which the items considered and the committees' recommendations are recorded. Dissemination of the minutes to the Office of the Chancellor, the RAC and its subcommittees shall be done within ~~three-four~~ (34) months after the meetings. Independent actions of the subcommittees shall be reviewed by the parent committee at the next regular meeting. A quorum of the committee or the subcommittees consisting of at least fifty percent of the appointed members shall be present at any meeting to conduct the business of the committee or subcommittee. Additionally, reactor facility staff shall not constitute greater than fifty percent of the quorum for a meeting of the RAC. Reactor facility staff shall not constitute a majority of the RAC. The RAC shall meet at least ~~quarterly~~ four (4) times per calendar year – not to exceed four (4) months.

A meeting of a subcommittee shall not be deemed to satisfy the requirement of the parent committee to meet ~~at least once during each calendar quarter~~ quarterly.

- c. Any additions, modifications or maintenance to the systems described in these Specifications shall be made and tested in accordance with the specifications to which the system was originally designed and fabricated or to specifications approved by the NRC.
- d. Following a favorable review by the NRC, the RAC, or the Reactor Facility Management, as appropriate, and prior to conducting any experiment, the Reactor Manager shall sign an authorizing form which contains the basis for the favorable review.
- e. Audits:
- (1) Audits of the following functions shall be conducted by an individual or group without immediate responsibility in the area to be audited:
 - i. Facility Operations, for conformance to the Technical Specifications and license conditions, at least annually;
 - ii. Operator Requalification Program, for compliance with the approved program, at least every two (2) years;

Date:
Amendment No.:

6.2 Review and Audit - Continued

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The RAC and its subcommittees shall maintain minutes of meetings in which the items considered and the committees' recommendations are recorded. Dissemination of the minutes to the Office of the Chancellor, the RAC and its subcommittees shall be done within four (4) months after the meetings. Independent actions of the subcommittees shall be reviewed by the parent committee at the next regular meeting. A quorum of the committee or the subcommittees consisting of at least fifty percent of the appointed members shall be present at any meeting to conduct the business of the committee or subcommittee. Additionally, reactor facility staff shall not constitute greater than fifty percent of the quorum for a meeting of the RAC. Reactor facility staff shall not constitute a majority of the RAC. The RAC shall meet at least four (4) times per calendar year – not to exceed four (4) months.

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