

December 9, 2015

Mr. Ralph Butler, Executive Director
University of Missouri-Columbia
Research Reactor Center
1513 Research Park Drive
Columbia, MO 65211

SUBJECT: UNIVERSITY OF MISSOURI AT COLUMBIA – REVIEW OF THE EMERGENCY
PLAN IN SUPPORT OF THE LICENSE RENEWAL (TAC NO. ME1580)

Dear Mr. Butler:

As part of your application for renewal of Facility Operating License No. R-103, dated August 31, 2006 (a redacted version of the application is available on the U.S. Nuclear Regulatory Commission (NRC's) public web site at www.nrc.gov under Agencywide Documents Access and Management System (ADAMS) 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 at Columbia Research Reactor (MURR), the NRC staff performed a review of the MURR Emergency Plan Revision 17, dated October 17, 2014.

We have completed our review of the MURR Emergency Plan, Revision 17, and concluded that it remains compliant with the regulations and guidance below:

- Title 10 of the *Code of Federal Regulations*, Part 50, Section 50.34, paragraph 50.34(b)(6)(v)
- Regulatory Guide 2.6, Revision 1, "Emergency Planning for Research and Test Reactors," issued March 1983 (ADAMS Accession No. ML003740234)
- American National Standards Institute/American Nuclear Society-15.16-2015, "Emergency Planning for Research Reactors"
- NUREG-0849, "Standard Review Plan for the Review and Evaluation of Emergency Plans for Research and Test Reactors," issued October 1983 (ADAMS Accession No. ML062190191)
- NRC Information Notice 97-34, "Deficiencies in Licensee Submittals Regarding Terminology for Radiological Emergency Action Levels in Accordance with the New Part 20," dated June 12, 1997
- NRC Information Notice 92-79, "Nonpower Reactor Emergency Response," dated December 1, 1992

R. Butler

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We request that you continue to implement your approved Emergency Plan. If you have any questions regarding this review, please contact me at (301) 415-0893 or via electronic mail at Geoffrey.Wertz@nrc.gov.

Sincerely,

/Alexander Adams for RA/

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

cc: See next page

R. Butler

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***concurrence via email**

NRR-088

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NAME	GWertz	NParker	AAdams	(AAdams for GWertz)
DATE	11/30/2015	11/30/2015	12/08/2015	12/09/2015

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University of Missouri-Columbia

Docket No. 50-186

cc:

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