



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

UNIVERSITY OF MISSOURI

DOCKET NO. 50-186

UNIVERSITY OF MISSOURI RESEARCH REACTOR

AMENDMENT TO FACILITY LICENSE

Amendment No. 12
License No. R-103

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the University of Missouri (the licensee) dated February 15, 1977, as supplemented March 27, 1978, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public;
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied; and
 - F. Publication of notice of this amendment is not required since it does not involve a significant hazards consideration nor amendment of a license of the type described in 10 CFR Section 2.106(a)(2).

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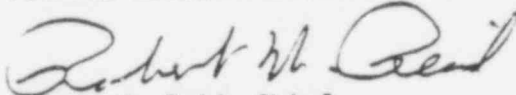
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility License No. R-103 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 12, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 5, 1979

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ATTACHMENT TO LICENSE AMENDMENT NO. 12

FACILITY LICENSE NO. R-103

DOCKET NO. 50-186

Replace the following page of the Appendix "A" Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains a vertical line indicating the area of change.

Page

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TECHNICAL SPECIFICATION
 UNIVERSITY OF MISSOURI
 RESEARCH REACTOR FACILITY

Number 3.7
 Page 1 of 2
 Date July 5, 1979

SUBJECT: Facility Gaseous and Particulate Radioactivity Release

Applicability

This specification applies to the release of gaseous and particulate activity from the facility exhaust stack.

Objective

The objective of this specification is to assure that exposure to the public resulting from radioactivity released to the atmosphere from the research reactor will not exceed the limits of 10 CFR Part 20.

Specification

a. The maximum stack discharge rate shall not exceed the following:

<u>Type of Radioactivity</u>	<u>Max. Concentration to be Averaged Over One Year</u>	<u>Max. Controlled Instantaneous Release Concentration</u>
Particulates and halogens with half lives greater than 8 days	MPC	MPC
All other radioactive isotopes	350 MPC	3500 MPC

MPC = Maximum Permissible Concentration as listed in Appendix B,

Table II, Column I of Part 20 of the Commission's Regulations.

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