

March 7, 2000

Mr. Robert Bean, Laboratory Director
1290 Nuclear Engineering Building
Department of Nuclear Engineering
Purdue University
West Lafayette, IN 47907

SUBJECT: ISSUANCE OF AMENDMENT NO. 10 TO FACILITY OPERATING LICENSE
NO. R-87 - PURDUE UNIVERSITY RESEARCH REACTOR (TAC NO. MA8181)

Dear Mr. Bean:

The Commission has issued the enclosed Amendment No. 10 to Facility Operating License No. R-87 for the Purdue University research reactor. The amendment changes the facility license in response to application dated February 3, 2000.

The amendment changes a Committee on Reactor Operations member from "The Purdue University Director of Safety and Security" to "a senior member of the Purdue safety and security organization" in the administrative section of the Technical Specifications.

A copy of the related safety evaluation supporting Amendment No. 10 is also included.

Sincerely,

/RA Theodore S. Michaels Acting For/

Marvin M. Mendonca, Senior Project Manager
Events Assessment, Generic Communications
and Non-Power Reactors Branch
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No. 50-182

Enclosures: 1. Amendment No. 10
2. Safety Evaluation

cc w/enclosures: Please see next page

Purdue University

Docket No. 50-182

cc:

Mayor
City of West Lafayette
609 W. Novajo
West Lafayette, IN 47906

State Board of Health
ATTN: Director, Bureau of Engineering
1330 West Michigan Street
Indianapolis, IN 46206

Ed Merritt
Reactor Supervisor
Department of Nuclear Engineering
Purdue University
West Lafayette, IN 47907

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PURDUE UNIVERSITY

DOCKET NO. 50-182

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 10
Licensee No. R-87

1. The U.S. Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment filed by the Purdue University (the licensee), dated February 3, 2000, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the regulations of the Commission as stated 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 that (i) the activities authorized by this amendment can be conducted without endangering the health and safety of the public and (ii) such activities will be conducted in compliance with the rules and regulations of the Commission;
 - 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 regulations of the Commission and all applicable requirements have been satisfied; and
 - F. Prior notice of this amendment was not required by 10 CFR 2.105, and publication of notice for this amendment is not required by 10 CFR 2.106.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the enclosure to this license amendment, and paragraph 2.C(2) of License No. R-87 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 10, 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 issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Marvin M. Mendonca, Senior Project Manager
Events Assessment, Generic Communications
and Non-Power Reactors Branch
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Enclosure:
Appendix A Technical
Specifications Changes

Date of Issuance:

ENCLOSURE TO LICENSE AMENDMENT NO. 34

QUALITY OPERATING LICENSE NO. R-87

DOCKET NO. 50-5

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

Remove

28

Insert

28

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 10 TO

FACILITY OPERATING LICENSE NO. R-87

PURDUE UNIVERSITY

DOCKET NO. 50-182

1.0 INTRODUCTION

By letter dated February 3, 2000, the Purdue University (the licensee) requested an administrative change to the Technical Specifications for their research reactor. The change is in the membership for the Committee on Reactor Operations (CORO) to not tie the membership to a specific job title. It would change the title of one member from "The Purdue University Director of Safety and Security" to "a senior member of the Purdue safety and security organization."

2.0 EVALUATION

The change still requires a CORO member from the safety and security organization. It further specifies a senior member of the safety and security organization. The change would allow changes in organizations and titles without requiring changes in the Technical Specifications. The reporting chain, responsibilities and minimum qualifications for CORO membership are not changed. Further, CORO has approved this amendment request. Based on this and the past acceptable function of the proposed organization, the proposed change is acceptable.

3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

4.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously evaluated, or create the possibility of a new or different kind of accident from any accident previously evaluated, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by the

proposed activities, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or the health and safety of the public.

Principal Contributor: Marvin M. Mendonca

Date: