

IOWA STATE
UNIVERSITY

Department of Nuclear Engineering
261 Sweeney Hall
Ames, Iowa 50011

Telephone 515-294-5840

5 September 1979

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

DOCKET NO. 50-116

Dear Sir:

This is an application for renewal of license R-59 for the Iowa State University UTR-10 reactor.

(1) The following information is provided in accordance with Section 50.33 of 10 CFR Part 50:

- (a) The applicant: Iowa State University
- (b) Applicant's address: Ames, Iowa 50011
ATTN.: Nuclear Engineering Department
- (c) Applicant's business: A non-profit educational institution
- (d) Does not apply to this application
- (e) Renewal of Class 104 license R-59 for a period of twenty (20) years is requested.

Other licenses issued in connection with the University are: SNM-74,
SUD-591, 14-00019-06 and 14-00019-08.
- (f) Information on the financial qualification of Iowa State University to carry out the activities for which the license is sought is submitted as Annex A to this letter.

The remaining parts of 10 CFR 50.33 do not apply.

(2) The following information is provided in accordance with paragraph 50.30(e) of 10 CFR Part 50 and is addressed to the question of the environmental impact of research reactors:

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It is our position that an Environmental Impact Statement is not required for the UTR-10 reactor because it is a low power (10 kilowatts, thermal) research reactor, and therefore, does not impact significantly on the environment. Further information to support the development of an Environmental Impact Appraisal is submitted as Annex B to this letter.

(3) In compliance with the requirements for technical information pursuant to Section 50.34 of 10 CFR Part 50, an enclosure with a letter from R. W. Reid to G. Burnet, dated December 7, 1978, was used as a guide to prepare applicable information. Items scheduled for submission are listed in Annex C to this letter. The remaining information requested is included as a part of this letter.

(4) With reference to subparagraph 50.34(b)(7), information on the technical qualifications of the licensee is submitted in a list of individuals who are, or soon will be, qualified to direct activities of operators or to operate the reactor facility for which license renewal is sought.

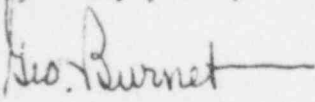
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55-618	Richard A. Danofsky	SRO
55-1725	Donald M. Roberts	SRO
55-1922	Richard A. Hendrickson	SRO (Reactor operations manager)
55-5679	Lung-Rui Huang	RO (Will resign soon)
55-6092	Elden A. Plettner, Jr.	RO (Reactor technician)
--	A. M. Metwally	(RO)(License applied for)

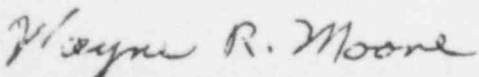
(5) The requirements of subparagraph 50.34(b)(8) are satisfied by our submission of an operator requalification program with a cover letter dated February 12, 1975.

This information presented in this application is hereby affirmed to represent the facts according to the knowledge and intent of the undersigned.

Very truly yours,


George Burnet
Anson Marston Distinguished
Professor and Chairman

This application is approved


Wayne R. Moore
Vice President for Business and Finance

*Subscribed and sworn to
before me by George Burnet
and Wayne Moore on this
6th day of September 1979.*

*Virginia Brown
Notary Public*

GB:fb

Enc: A. Financial Qualifications
B. Environmental Impact Appraisal
C. Technical Information Scheduled for Submittal

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ANNEX C
APPLICATION FOR RENEWAL OF LICENSE R-59

Technical Information Scheduled for Submittal

The purpose of this Annex is to summarize all technical information, by title, submitted with the application and to clearly show submittal deadlines for material not available at this time.

<u>ITEM</u>	<u>NO. COPIES</u>	<u>STATUS</u>
→ <u>Physical Security Plan</u>	<u>6</u>	<u>Submitted with application</u>
Emergency Plan	19	Submitted with application
Technical Specifications	--	Currently under review
Safety Analysis Report	--	To be submitted by 10-15-79

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