

August 25, 2009

Dr. Alireza Haghighat
Acting Director of Nuclear Facilities
University of Florida
Department of Nuclear and
Radiological Engineering
202 Nuclear Sciences Center
P.O. Box 118300
Gainesville, FL 32611-8300

SUBJECT: UNIVERSITY OF FLORIDA—REQUEST FOR ADDITIONAL INFORMATION RE:
LICENSE RENEWAL FOR THE UNIVERSITY OF FLORIDA TRAINING
REACTOR (TAC NO. ME 1586)

Dear Dr. Haghighat:

On May 5, 2008, we sent the University of Florida a request for additional information (RAI) related to your request for renewal of Amended Facility Operating License No. R-56 for the University of Florida Training Reactor. Based on our continuing review of your application, we have determined that the previous questions are now out of date. Therefore, we are withdrawing the previous questions.

In lieu of the previous questions, please provide responses to the enclosed request for additional information within 60 days of the date of this letter. In accordance with Title 10 of the *Code of Federal Regulations*, your response must be executed in a signed original under oath or affirmation. Following receipt of the additional information, we will continue our evaluation of your renewal request. If you have any questions regarding this review, please contact me at (301) 415-3724.

Sincerely,

/RA/

Duane A. Hardesty, Project Manager
Research and Test Reactors Branch A
Division of Policy & Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-83

cc: See next page

University of Florida

Docket No. 50-83

cc:

Administrator
Department of Environmental Regulation
Power Plant of Siting Section
State of Florida
2600 Blair Stone Road
Tallahassee, FL 32301

State Planning and Development Clearinghouse
Office of Planning and Budgeting
Executive Office of the Governor
The Capitol Building
Tallahassee, FL 32301

William Passetti, Chief
Bureau of Radiation Control
Department of Health
4052 Bald Cypress Way
Tallahassee, FL 32399-1741

Brian Shea
Reactor Manager
University of Florida
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Test, Research and Training
Reactor Newsletter
Director of Nuclear Facilities
University of Florida
202 Nuclear Science Building
Gainesville, FL 32611-8300

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Sincerely,

/RA/

Duane A. Hardesty, Project Manager
Research and Test Reactors Branch A
Division of Policy & Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-83

cc: See next page

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ADAMS ACCESSION NO.: ML092300669

TEMPLATE No.: NRR-088

OFFICE	PRTA/PM	PFPB	PRTA/LA	PRTA/BC	PRTA/PM
NAME	DHardesty	RCarlson	GLappert	KBrock	DHardesty
DATE	8/19/09	8/19/09	8/24/09	8/25/ 09	8/25/09

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OFFICE OF NUCLEAR REACTOR REGULATION
REQUEST FOR ADDITIONAL INFORMATION
REGARDING FINANCIAL QUALIFICATIONS FOR THE RENEWED LICENSE FOR
THE UNIVERSITY OF FLORIDA TRAINING REACTOR
LICENSE NO. R-56; DOCKET NO. 50-83

As required by Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50.33(f)(2), “[a]pplicants to renew or extend the term of an operating license for a nonpower reactor shall include the financial information that is required in an application for an initial license.” To comply with this requirement, please provide the following updated and supplemental information to the July 18, 2002, University of Florida (the University, the applicant) application (the application) for a renewed license for the University of Florida Training Reactor (UFTR).

1. The Nuclear Regulatory Commission (NRC) staff will analyze the financial statements for the current year, which are required by 10 CFR 50.71(b), to determine if the applicant is financially qualified to operate the UFTR. Since the University’s financial statements were not included with the application, please provide a copy of the latest financial statements for the NRC staff’s review.
2. Pursuant to 10 CFR 50.33(f)(2), “[t]he applicant shall submit estimates for total annual operating costs for each of the first five years of operations of the facility.” Since the information included in the 2002 application is now out of date, please update the application by providing the following additional information:
 - (a) Projected operating costs of the UFTR for each of the years FY11 thru FY15 (the first five year period after the projected license renewal).
 - (b) The University’s source(s) of funding to cover the operating costs for the above fiscal years.
3. The application indicates that the cost for decommissioning the UFTR was \$2.768 million in 2002 dollars, with the cost being adjusted for inflation using the consumer price index since 1991. In order for the NRC staff to complete its review of the UFTR decommissioning cost estimate, please provide the following additional information:
 - (a) A current decommissioning cost estimate in 2010 dollars for the UFTR to meet the NRC’s radiological release criteria for decommissioning the facility for unrestricted use, pursuant to 10 CFR 50.75(d)(2).
 - (b) A summary of total decommissioning costs by labor, waste disposal, other items (such as energy, equipment, and supplies) in current dollars, and a contingency factor (normally 25 percent).

- (c) A statement of the decommissioning method to be used (i.e., DECON, or other method).
 - (d) A full identification of the specific U. S. Bureau of Labor Statistics Consumer Price Index to be used as the means of adjusting the cost estimate and associated funding level periodically over the life of the facility.
 - (e) A numerical example showing how the 2010 decommissioning cost estimate will be updated periodically in the future.
4. The application includes a statement of intent (SOI) as the method to provide decommissioning funding assurance for the UFTR, as provided for by 10 CFR 50.75(e)(1)(iv) (Decommissioning Commitment Letter from the University to the NRC dated July 18, 2002). Where the applicant intends to use a SOI, the NRC staff must find that the applicant "is a Federal, State, or local government licensee." To make this finding, the applicant must state that it is a State government organization and that the decommissioning funding obligations of the applicant are backed by the State government, and also provide corroborating documentation. Further, the applicant must provide documentation verifying that the signator of the SOI is authorized to execute said document that binds the University. This document may be a governing body resolution, management directives, or other form that provides an equivalent level of assurance. As the application does not include all of the above information, please submit the following:
- (a) An updated SOI which includes the current (2010 dollars) cost estimate for decommissioning, a statement that funds for decommissioning will be obtained when necessary, and the signator's oath or affirmation attesting to the information.
 - (b) Documentation that corroborates the statement in the application that the University is a State agency and a State of Florida government licensee under 10 CFR 50.75(e)(2)(iv).
 - (c) A statement as to whether the decommissioning funding obligations for the UFTR are backed by the State of Florida government. The application must also present documentation that corroborates this statement. For example, the documentation may be a copy of or complete citation to a state statute that expressly provides that the obligations, or at least the decommissioning funding obligations, of the applicant are backed or supported by the full faith and credit of the State of Florida, or an opinion of the applicant's General Counsel with citations to statutes, regulations, and/or case law that the obligations, or at least those with respect to the decommissioning funding obligations, of the applicant are obligations backed or supported by the full faith and credit of the State of Florida.

Documentation verifying that the signator of the SOI is authorized to execute such a document that binds the applicant financially. For example, provide a copy of the University's governing board or equivalent resolution that shows that the signator of the SOI has been authorized by the University to bind the University financially, at least with respect to funding the

decommissioning of the UFTR, or provide a copy of an official University delegation of authority showing that the signator of the SOI is authorized to bind the University financially, at least with respect to funding the decommissioning of the UFTR.