

APR 20 1994

University of Maryland  
College of Engineering  
ATTN: Mr. George E. Dieter  
Dean  
1137 Engineering Classroom Bldg.  
College Park, Maryland 20742-3011

Gentlemen:

This is in response to your letter dated August 3, 1993, concerning annual fee Invoice AT-0460-93 for License R-70.

On March 17, 1994, the Commission published in the Federal Register a Notice of its decision to reinstate the annual fee exemption for nonprofit educational institutions.

Enclosed is a copy of a March 23, 1994, Notice to all licensees and the March 17, 1994, Federal Register Notice attached thereto which were recently sent to all Commission licensees.

Please review the Notice and contact us if you have any questions.

Sincerely,  
(signed) Diane B. Dandois  
Diane B. Dandois, Chief  
License Fee & Debt Collection Branch  
Division of Accounting & Finance  
Office of the Controller

Enclosure:  
As stated

DISTRIBUTION

B22 Facilities Annual Fee Correspondence (w/copy inc.)

Invoice File AT-0460-93

License File R-70 (w/copy inc.)

EDO-09231

NUDOCS (ML61) (w/copy inc.)

OC-93-292

PDR

EBlack

DDandois

DWeiss

GJackson

LTremper

LF-92

LFDCB R/F

DAF R/F

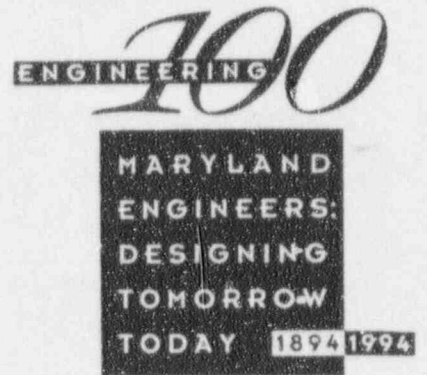
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LFDCB	LFDCB	LFDCB	DAF/OC
DWeiss	GJackson	DDandois	EBlack
4/20/94	4/20/94	4/20/94	1/1/94

OFFICIAL FILE COPY/DOCUMENT NAME:P:\REFUND2

260211

ML61



*Stephen  
Mason*

August 3, 1993

Secretary  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Attn: Docketing and Services Branch

Re: License # R-70

SUBJECT: REQUEST FOR WAIVER OF LICENSE FEES

We have received your invoice for payment of fiscal year 1993 fees and we understand that FY94 invoices are currently in preparation. On behalf of the University of Maryland and the University's Nuclear Reactor Facility I request these fees be waived and the University of Maryland's Training Reactor be granted an exception waiver from future fees.

We believe this request to be legitimate and justified under the recent court ruling that removed the basis of last year's blanket waiver for university reactors. In that ruling, the court identified education and training as legitimate bases for license fee waivers if certain criteria, such as training for the common good and safety, were met. We believe the University of Maryland meets every test of the court's decision.

The University of Maryland has maintained a nuclear reactor for 33 years. Throughout its history, it has remained dedicated to the education and training of students of nuclear engineering and radiation science. At no time in the past three decades of education leadership has service work ever accounted for more than a few percent of its revenues or activities. The reactor's principal strength -- training -- has focused every reactor director in its history to education. The result is a legacy recorded through our students -- a legacy of which the university and the country can be proud.

This past year, one african-american student and reactor staff member received his baccalaureate degree in nuclear engineering and entered law school at the University of West Virginia. As a sophomore, one of our women engineering students obtained her reactor operator's license. This year she graduated from the University of Maryland with honors and, as a winner of a prestigious National Science Foundation Fellowship Award, will attend the University of Illinois this fall. Other students are working for nuclear public utilities, architectural engineering and consulting companies, and for equipment vendors. But others have chosen careers in government -- The Army Research Laboratories, Naval Surface Warfare Center, Sandia National Laboratories, and of course, the Nuclear Regulatory Commission.

UNIVERSITY OF  
MARYLAND  
COLLEGE OF  
ENGINEERING  
1137 ENGINEERING  
CLASSROOM  
BUILDING  
COLLEGE PARK,  
MARYLAND  
20742-3011

*9308180169*

EDO --- 009231  
93-09125-A-00

The University of Maryland Reactor first achieved criticality in 1960, the first in the State of Maryland. Today we are only one of many. But we are the only university reactor in the Washington, DC area where those in government and industry can come and learn by practical experience, the operations and physics of nuclear engineering and sciences. We are the only academic education and reactor training program in our nation's capital where government employees can receive advanced degrees in nuclear engineering.

The Maryland reactor is also an integral part of the next-generation training programs under development by the University of Maryland Office of Special Programs of University College. This unique and exceptional program provides training for students throughout the country. Through a combination of computer and classroom training, a student can receive a nuclear science degree while working full-time in the nuclear power or related industries. The program is the largest nuclear science program in the world with more than 700 students.

Students can take one week short courses or semester long operator training courses. Student operators can take our reactor from cold critical to full power more times in a week than a power reactor during its entire life. They can witness first hand negative and positive temperature coefficients, and directly measure the reactor's response to operator actions. They can see the effects of their actions in a safe educational environment where mistakes and surprises are important parts of the learning experience.

During the past year the reactor operated a total of 154 runs, consisting of: (1) 68 operator training runs; (2) 36 tour, lab and demonstration runs; (3) 15 calibration and maintenance runs; (4) 14 runs for nuclear engineering classes; and (5) 21 research and service runs. To perform these runs, the core produced 8.3 MWh, with a corresponding burn-up of 0.41 grams of uranium-235.

Operator training classes were conducted throughout the year for facility operator qualification and visiting power plant trainees. Seven undergraduate student operators were granted licenses by the NRC, three being qualified as Reactor Operators, and two being upgraded to Senior Reactor Operator. In addition, one faculty and one staff member were issued SRO certificates.

A substantial number of the 154 runs during the year were conducted for tours and demonstrations. These involved high school, university, and visiting University of Maryland students. In these group tours, a total of 616 students visited the Reactor Facility. Individual tours accounted for an additional 69 visitors.

A partial list of the organizations and groups that visited and toured the Maryland Reactor last year include: the National Science Foundation, the English 393 class, the Department of Defense, the Department of Energy, the National Institute of Standards and Technology, Northern Virginia Community College, Environmental Safety Classes, Chemistry classes, Nuclear Engineering classes, Georgetown Preparatory School, UMCP MaryPirg, William Wirt Middle School, Westinghouse Corporation, ANS Second Look Fair, Middletown High School, Society of Women Engineers, Essex High School, Hannah Penn Middle School, Baltimore Gas and Electric Company, Boy Scouts of America, Northern High School, Lake Braddock High School, the Society of Physics Students, Prince George's Community College, West Nautingham High School, High Point High School, and the Society of Hispanic Engineers. Many of these groups account for more than one visit as it was common for a high school to return with groups from different classes.

Clearly, the Maryland Reactor supports the broad-based educational needs of the public and the students of elementary, high school, and college institutions. The facility supports University research needs, and in the process of education and research, provides a diverse stream of highly qualified engineers and

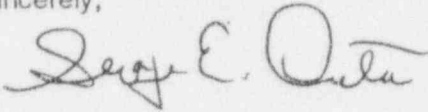
Secretary U.S. Nuclear Regulatory Commission  
August 3, 1993  
page 3

scientists to the work force.

Finally, it is also true that this facility will almost certainly be unable to pay these current or projected future fees. Although not justification for waiver, it does mean that the facility will be forced to decommission. We believe that the loss of the only training facility of its kind and flexibility in the Washington, DC area is a loss of tremendous proportions. To force the closure of any one of the few remaining reactors is to lose a national resource.

I strongly urge your consideration of the above reasons for waiving the reactor fee. We firmly believe that the loss of this waiver will damage the ability of the University to train students and, in the long term, will cripple our country's ability to respond to critical national and international requirements.

Sincerely,

A handwritten signature in cursive script, appearing to read "George E. Dieter".

George E. Dieter, Dean

cc: Commissioner Ivan Selin, Chairman  
Commissioner Kenneth Rogers  
Commissioner James R. Curtis  
Commissioner Forrest J. Remick  
Commissioner Gail de Planque



U MW MD

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

July 27, 1993

*Jim &*  
*R Lee*  
*11/29*

NOTE TO COMMISSIONER ASSISTANTS

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- Jim Johnson
- Tom Shedlosky
- Dan Martin
- Janice Dunn-Lee
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- Joel Lubenau
- Kay Whitfield
- Evelyn Williams
- Jeanne Mullikin
- Connie Shum

*NHAN*  
*DBJ*  
*8/16*

FROM: James L. Blaha, AO/OEDO

SUBJECT: FEE BILLS

The enclosed example of a university fee bill was provided to Commissioner Roger's office.

*James L. Blaha*  
James L. Blaha, AO/OEDO

Enclosure:  
As stated

- cc: (w/o encl.)
- J. Taylor, EDO
  - J. Sniezek, DEDR
  - H. Thompson, DEDS
  - J. Blaha, AO/OEDO
  - J. Funches, OC
  - SECY
  - OGC
  - OCA
  - OPA



U. S. NUCLEAR REGULATORY COMMISSION  
10 CFR 171

Invoice No.: AT-0460-93  
Invoice Date: 8/21/93

Payment: Wire transfer or make check payable to U.S. Nuclear Regulatory Commission  
(Reference Invoice No.)

Contact: J.M. RODRIGUEZ  
Phone: 301/492-4200  
Docket No. 050-00166

TO: UNIVERSITY OF MARYLAND  
DR. MARVIN L. ROUSH  
CHAIRMAN  
DEPT. OF CHEM. & NUC. ENGINEERING  
COLLEGE PARK MD 20742

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ANNUAL FEE - FY 1993

Period: 10/01/92 - 09/30/93

FY 1993 Annual Fee \$ 62,100

In order to avoid the assessment of interest and administrative charges,  
payment must be received by the NRC no later than September 20, 1993.

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Amount Due Now \$ 62,100  
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TERMS: Interest will accrue from the invoice date at the annual rate of 4.000%. Payment is due immediately. However,  
interest will be waived if payment is received within 30 days from the invoice date. Penalty and administrative  
charges will be assessed on a delinquent invoice. Additional terms and conditions are attached, if applicable.

NOTES: If there are any questions about the existence or amount of the debt, contact the individual named above. For NRC  
debt collection procedures, including interest and penalty provisions, see 31 U.S.C. 3717, & CFR 101-105, and 10  
CFR 15.