

DL-012198-04

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IIT RESEARCH INSTITUTE

8510 Cinderbed Road  
Suite 300  
P. O. Box 899  
Newington Virginia 22122-0899  
703-550-0460 Fax 703-550-0497

January 21, 1998

Mr. Jay L. Henson  
Region II, U.S. Nuclear Regulatory Commission  
Atlanta Federal Center  
61 Forsyth St., S.W. (Suite 23T85)  
Atlanta, GA 30303

Re. Materials License 45-25057-01

Dear Mr. Henson:

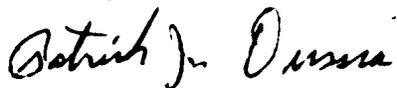
This letter is being sent to confirm our phone discussion on 01/20/98 during which we discussed clarification of some topics concerning our material license. The IITRI application for the current license indicates in various sections that our facility: has a guard service (page 9), that the greenhouse area is remotely monitored by guard via camera system (page 9), that a guard will make an evacuation announcement (page 29) and that the guard will notify the shipping and receiving clerk of a radioactive material receipt. IITRI has discontinued the guard service at this facility. However, the guard duties related to the license activities are performed by other personnel during work hours, and the existing facility electronic surveillance and alarm systems have been upgraded for the off-work hours. The greenhouse is no longer monitored by camera, but we also do not store any radioactive materials in that unit. All licensed/regulated materials continue to be stored under a lock and controlled key system. The control of the licensed material is still maintained, and the materials remain protected or "guarded" per the license requirements.

Our liquid scintillation counter (referred to on page 25 in the license application, Section 10) is used to quantify radioactive materials. The second paragraph of VII, (Calibration Survey of Monitoring Instruments) on page 25 indicates that "where applicable" quench curves will be prepared to provide an accurate means of correcting counts per minute...also ... "quench curves shall be prepared at a frequency of not less than every six months." The wording is somewhat confusing as to the frequency for determining new quench curves. IITRI has run quench curves at approximately six month intervals and will continue to do so. However, IITRI wishes to establish a new quench curve more frequently if the machine condition or isotope/sample requirements necessitate it.

Another item which was not covered in our phone conversation concerns the Certifying Officer who was listed on the application for our current license. Mr. John Scott no longer works for IITRI, and has been replaced by Mr. Bahman Atefi as the new president of IITRI.

Please advise us if any of the above conditions requires us submit an amendment to our materials license. Please contact me with any questions, or Rich Doyle who is the alternate Radiation Safety Officer.

Best regards,



Patrick J. Dussia  
Radiation Safety Officer

cc: R.Doyle, S. Lander

LICENSE FEE REQUIREMENTS

LICENSE FEE AND DEBT COLLECTION BRANCH  
DIVISION OF ACCOUNTING AND FINANCE  
OFFICE OF THE CONTROLLER  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20545-0001

RT RESEARCH INSTITUTE  
ATTN: PATRICK J. DUSSIA  
RADIATION SAFETY OFFICER  
8510 CINDERBED ROAD, SUITE 300  
P. O. BOX 899  
NEWINGTON, VA 22122-0899

TYPE OF ACTION

- NEW LICENSE
- RENEWAL OF LICENSE
- AMENDMENT TO LICENSE

REQUESTED DATE

1-21-98

LICENSE NUMBER

45-25057-01

CONTROL NUMBER

257792 ATTN: RITA MESSIER, LFARB, T9E10

I. APPLICATION FEE DUE

Your request for a licensing action is subject to the fee(s) in the category(ies) noted below in accordance with Section 170.31 of the enclosed Federal Register notice. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
3M	\$	\$	\$ 640.00
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(S) DUE \$ 640.00  
PAYMENT RECEIVED \$  
AMOUNT DUE \$ 640.00

- Your request was received without the prescribed application fee.
- We received your Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_. Payment of the additional fee noted above is required.
- Your request will increase the scope of your license program. Therefore, your request is subject to the application fee(s) noted. Refer to Section 170.31 and Footnote 1(d)(2).
- Your license expired prior to the receipt of your application for renewal. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(a).

MAKE PAYMENT OF THE FEE(S) TO THE U.S. NUCLEAR REGULATORY COMMISSION AND MAIL THE PAYMENT TO THE ADDRESS LISTED AT THE TOP OF THIS FORM. IF WE DO NOT RECEIVE A REPLY FROM YOU WITHIN 30 CALENDAR DAYS FROM THE DATE LISTED BELOW, WE SHALL ASSUME THAT YOU DO NOT WISH TO PURSUE YOUR APPLICATION AND WILL VOID THIS ACTION.

SIGNATURE - LICENSE FEE ANALYST

RITA MESSIER

LFDCB

REMESSIER

2/4/98

LFDCB

*[Signature]*

II. FEE NOT REQUIRED

- Enclosed is Check No. \_\_\_\_\_ which accompanied your request. The fee is not required because:
  - We received your Check No. \_\_\_\_\_ in payment of the fee.
  - The Licensing staff has informed us that your request is to be considered as a continuation of your request dated \_\_\_\_\_, Control No. \_\_\_\_\_.
  - Your request was combined, prior to review, with your \_\_\_\_\_ request, Control No. \_\_\_\_\_.

III. CHECK RETURNED

- Enclosed is Check No. \_\_\_\_\_ which was returned to us by the bank for:
  - INSUFFICIENT FUNDS
  - ACCOUNT CLOSED
  - OTHER

MAIL THE REPLACEMENT CHECK TO THE ADDRESS LISTED AT THE TOP OF THIS FORM AND REFERENCE THE ABOVE CONTROL NUMBER.

IV. LICENSE ISSUED WITHOUT THE REQUIRED FEE

- License No. \_\_\_\_\_, Amendment No. \_\_\_\_\_, issued on \_\_\_\_\_ was issued without the required fee being collected. The fee required is noted in Section 1 of this form.
- The scope of your licensed program was increased. Therefore, your request is subject to the application fee(s) noted in Section 1 of this form. Refer to Section 170.31 and Footnote 1(d)(2).
- Because of the urgency of your request, the license was issued without remittance of the prescribed fee noted in Section 1 of this form.

Distribution

Pending Fee File  
LFARB R/F (3)

OC/DAF RP

OC/DAF/RE(1-2.7)  
Region *[initials]*

DATE

2-4-98