



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

DEC 1 1992

License: 35-16722-01  
Docket: 030-11538

Langston University  
Agricultural Research &  
Extension Programs  
ATTN: Ocleris Simpson, Dean  
P.O. Box 730  
Langston, Oklahoma 73050

Gentlemen:

SUBJECT: RESPONSE TO NRC INSPECTION REPORT NO. 030-11538/92-01  
(NOTICE OF VIOLATION)

Thank you for your letter of November 16, 1992, in response to our letter and attached Notice of Violation both dated October 23, 1992. We have reviewed your reply and find it responsive to the concerns raised in our Notice of Violation. We will review the implementation of your corrective actions during a future inspection to determine whether full compliance has been achieved and will be maintained.

Sincerely,

*Charles L. Cain*

Charles L. Cain, Chief  
Nuclear Materials Inspection Section

cc:  
Oklahoma Radiation Control Program Director

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070125

*LEON*  
11

bcc w/copy of licensee's letter:

DMB - Original (IE-07)

JLMilhoan

LJCallan

JPJaudon

MRodriguez, OC/LFDCB (4503)

WLFisher

CLCain

MLMcLean

NMIS

MIS System

RIV Files (2)

REHall, URFO

*RIV:NMIS	*C:NMIS			
MLMcLean	CLCain			
/ /92	/ /92			

\*Previously concurred

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LMcLean <i>MM</i>	CLCain			
11/30/92	11/30/92			

PREVIOUS CONCURRENCE PAGE

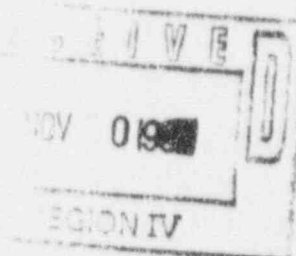


# LANGSTON UNIVERSITY

Agricultural Research & Extension Programs  
P.O. Box 730 Langston, OK 73050 405/466-3836

November 16, 1992

Dr. L.J. Callan, Director  
Division of Radiation Safety and Safeguards  
US Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064



Dear Dr. Callan:

This letter is written in response to your letter of 23 October 1992 concerning Docket No. 030-11538; License No. 35-16722-01 and NRC INSPECTION REPORT No. 030-11538/92-01

(REPLY TO A NOTICE OF VIOLATION)

The Violation(s) called out in the report in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10CFR Part 2, Appendix C and our response are as follows:

- A. License Condition 17 requires that the licensee conduct a physical inventory every 6 months to account for all sources and/devices received and possessed under the license. Records of inventories shall be maintained for 2 years from the date of each inventory.

Contrary to the above, the licensee failed to conduct a physical inventory of sealed sources containing nickel-63 (foil contained in Varian Part No. 02-000965-00) and hydrogen-3 scandium tritide (U.S. Radium Model LAB-508-2) at the required frequency. Specifically, an inventory had not been conducted from 1988 to September 30, 1992.

This is a repeat violation.

This is a Severity Level IV violation (Supplement VI).

UNIVERSITY RESPONSE:

Langston University acknowledges the violation as noted. The reason for this violation is that the users of the instrument had no knowledge of the Scandium tritide (Hydrogen-3 and Nickel-63). Even so, the EC Detector on the instrument (Varian Gas Chromatograph) was never used.

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Specific Action Taken. - Take physical inventory of the isotope was initiated on 10 October 1992.

Additional Actions Planned to Prevent Recurrence. - An inventory will be checked and recorded every six months and maintained in Room No. 2058 of the Research Building until further notice.

B. License Condition 18 requires, in part, that except as specifically provided otherwise in this license, the licensee is to conduct its program in accordance with the statements, representations, and procedures contained in a letter dated May 24, 1988.

In the letter, the licensee committed to calibrate annually their radiation detection instrument used for contamination surveys.

Contrary to the above, the licensee failed to calibrate the Mini-Monitor Model No. SPZ-03 during 1991.

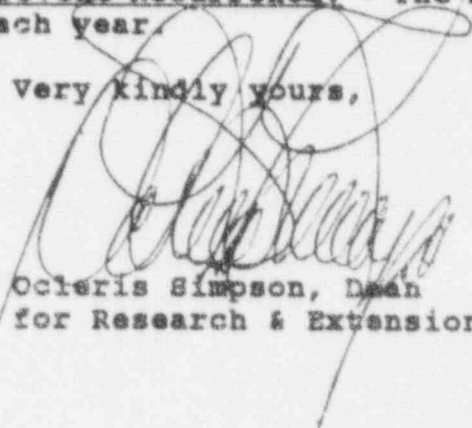
This is a Severity Level IV violation (Supplement VI).

UNIVERSITY RESPONSE:

A Purchase Order was written on 16th of October to Ludlum Measurement Company at 501 Oak Street, Sweetwater, TX and approved on 10/29/92 for the purpose of Geiger Counter Calibration (copy attached).

Additional Actions Planned To Prevent Recurrence. - The monitor will be calibrated in October of each year.

Very kindly yours,

  
Ocleris Simpson, Dean  
for Research & Extension

OS/pb

Enclosure:

Copy of P/O # EG7843

cc: U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Mr. Kesete Tesfai



PURCHASING OFFICE: 405 466-3216 P.O. Box 967  
ACCOUNTS PAYABLE: 405 466-3217 Langston, Okla. 73050

No. **EG7843**

REQUISITION To the Business Office

LU	ACCOUNT NAME		YEAR	ACCOUNT NUMBER			OBJ CODE	BID CODE
	Mohair		93	11-6-93043-9321-30000			3312	4
STATE	DATE	BD of AFFAIRS CON NO.	FUND	AGENCY	ACCOUNT	ORDER NUMBER	B.A. DATE	
	10/16/92		430	420	MO/1321	Ac 68253		

VENDOR (Name and complete mailing address)

Ludlum Measurement  
501 Oak St.  
Sweetwater, TX 79556  
ATTN: Calibration Dept

REQUISITION

No. **36602**

ORDERING DEPT: Research

NAME: Kesete Tesfai

PHONE: 466-3836

ADDRESS: Langston Univ.

DELIVER TO ROOM AND BUILDING OR ADDRESS:  
CENTRAL RECEIVING (UNLESS SPECIFIED BELOW)

REGISTRATION FOR TAX FREE TRANSACTIONS UNDER  
CHAPTER 32 OF THE INTERNAL REVENUE CODE NO. 738017987W

ITEM NO	QUANTITY	GIVE DETAILED DESCRIPTION — DOUBLE SPACE BETWEEN ITEMS	CHECK ONE —		ESTIMATED AMOUNT
			UNIT PRICE		QUOTED AMOUNT
1	1	Geiger Counter Calibration			\$30.00
		Shipping and Handling			10.00

AS PER QUOTATION

BY: **K. Tesfai** DATED **10-20-92** TERMS **F.O.B.** TOTAL **\$40.00**

INQUIRIES FROM PURCHASING OFFICE TO BE DIRECT TO: (NAME AND EXT.)

NAME **Alice Davis** PHONE **466-3836**

REQUESTED: HEAD OF DEPARTMENT

RECOMMENDED: DEAN OR ADMIN. OFFICER

APPROVED: FEDERAL COORDINATOR (WHEN REQUIRED)

APPROVED: ACCOUNTING DEPARTMENT

APPROVED: PURCHASING DEPARTMENT

DATE **10/27/92**

DATE **10-29**

FOR ACCTG. USE

DATE ENTERED **11-2-92**

VENDOR'S INSTRUCTIONS

- Purchase Order Number Must Appear On:
  - Each Individual Invoice.
  - Each Individual Credit Memorandum.
  - Outside Each Package or Carton.
  - All Correspondence Pertaining To This Order.
  - No-Pre-Dated Invoice Will Be Paid.
  - No Invoices Will Be Paid Until Merchandise Received.
- Purchase Order Amount May Not Be Exceeded. Return P.O. To Langston University With Correct Price. No Exceptions.
- Send Quadruplicate Invoices (With One Marked "Original Invoice") To: Business Office, P.O. Box 967, Langston, Okla. 73050.
- Include Federal Employees ID# On All Invoices.

PRODUCT REQUISITION JUSTIFICATION

I hereby certify that the services or products to be purchased on the attached requisition are:

- Necessary to the agency's responsibilities.
- The amount of these products and/or services are not excessive.
- The justification for the purchase of such products are:

**Once a year Geiger Counter Calibration as required by Nuclear Regulatory Commission.**

I understand that the signing of this document knowing such information to be false may subject me to punishment for a misdemeanor.

APPROVED DEPARTMENTAL COPY