



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

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

MAR 9 1994

Docket: 030-17560
License: 35-19079-01

Oklahoma State University
The College of Osteopathic Medicine
ATTN: Gary H. Watson, Ph.D.
Director of Research
1111 West 17th Street
Tulsa, Oklahoma 74107-1898

SUBJECT: NRC INSPECTION REPORT 030-17560/94-01 (NOTICE OF VIOLATION)

This refers to the routine, unannounced inspection conducted by Mr. Mark R. Shaffer and Ms. Christi Hernandez of this office on February 2, 1994. The inspection included a review of activities authorized by Byproduct Materials License 35-19079-01. At the conclusion of the inspection, the findings were discussed with members of your staff.

The inspection was an examination of activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of the license. The inspection consisted of selective examinations of procedures and representative records, interviews of personnel, independent measurements, and observation of activities in progress.

Based on the results of this inspection, certain of your activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice of Violation (Notice).

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. After reviewing your response to this Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

The inspection disclosed that licensed activities entailed the use of microcuries quantities of radiolabeled compounds for laboratory research. During this inspection interval, the use of byproduct material was limited to two research labs utilizing hydrogen-3 and carbon-14 under the supervision of one authorized user. No animal studies had been performed. Records of licensed activities were adequate for the size and scope of the radiation safety program.

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Oklahoma State University
 The College of Osteopathic Medicine

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bcc:
 DMB - Original (IE-07)
 LJCallan
 SJCollins
 LWCamper
 RAScarano, DRSS/RIV
 MMessier, OC/LFDCB (4503)
 *WLFisher
 *CLCain
 *MRShaffer
 **MIS
 *MIS System
 *RIV Files (2)

 *W/IFS Form

RIV:NMLB	NMIB	C:NMIB	ADD:DRSS	D:DRSS
MCHernandez	MRShaffer	CLCain	LWCamper	SJCollins
03/2/94	03/2/94	03/4/94	03/8/94	03/8/94

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In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room.

The responses directed by this letter and the enclosed Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96-511.

Should you have any questions concerning this letter, please contact the inspector identified above at (817) 860-8100.

Sincerely,



for Samuel J. Collins, Director
Division of Radiation Safety
and Safeguards

Enclosure:
Appendix - Notice of Violation

cc:
Oklahoma Radiation Control Program Director

bcc:
DMB - Original (IE-07)
LJCallan
SJCcollins
LWCamper
RAScarano, DRSS/RIV
MMessier, OC/LFDCB (4503)
*WLFisher
*CLCain
*MRShaffer
*NMIS
*MIS System
*RIV Files (2)

*W/IFS Form

RIV:NMLB <i>ms</i>	NMIB	C:NMIB <i>ms</i>	ADD:DRSS <i>ms</i>	D:DRSS <i>ms</i>
MCHernandez <i>ms</i>	MRShaffer <i>ms</i>	CLCain <i>ms</i>	LWCamper <i>ms</i>	SJCcollins <i>ms</i>
03/7/94	03/7/94	03/4/94	03/8/94	03/8/94