Telephone (215) 922-2226

nuclear pharmacy incorporated

31 N. SECOND STREET
PHILADELPHIA, PA 19106

December 28, 1979

United States Nuclear Regulatory Commission
Region 1 Office
Office of Inspection and Enforcement
631 Park Avenue
King of Prussia, PA 19406

Dear Sir:

Pursuant to Part 20, Section 20.405, we hereby submit the following report of overexposure for an individual employed by Nuclear Pharmacy, Inc., Philadelphia, PA. The individual is employed as a pharmacist. At the time of the above his function was primarily dealing with customers, inventory and prescription preparation for the following morning.

The quarter to date (October 1979) radiation exposure report indicates the extremely high exposure of 56,573 millirems. This report required the evaluation of a TLD ring badge by Searle Diagnostics, Inc. A confirmation of this report implied its accuracy and precision.

Following careful consideration of possible sources of this predicament, inadvertant placement of the ring (eg. in the vicinity of the glove disposal box or on a contaminated surface after glove removal) is a strong indication. It should be noted here that prior to leaving the laboratory each persons hands are monitored as well as other areas of the body prone to contamination.

As a result, added precaution shall be taken to insure proper analytical response to actual exposure; these include observant placement of the removed badge both during the working day and upon leaving at the end of the day.

Upon notification by Searle of the excess in applicable limits (December 17, 1979) the individual has been limited to activities in unrestricted areas.

Sincerely
Mark Browning
Mark Browning
Assistant Lab Manager

~~Dupe of 8006130815~~

8106250332

POOR ORIGINAL

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

In Reply Refer To:
RII:RLW 30-14964
45-18378-01MD

JAN 18 1980

Pharmatopes, Inc.
Attn: Murray F. Potter, R.PH., M.S.
Vice President
85 South Witchduck Road
Virginia Beach, Virginia 23462

Gentlemen:

This refers to the inspection conducted by R. L. Woodruff of this office on December 6, 1979, of activities authorized by NRC License No. 45-18378-01MD for the Virginia Beach facility, and to the discussion of our findings held with you at the conclusion of the inspection.

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

During the inspection, it was found that certain activities under your license appear to be in noncompliance with NRC requirements. These items and references to pertinent requirements are listed in the Notice of Violation enclosed herewith as Appendix A. This notice is sent to you pursuant to the provisions of Section 2.201 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office, within 20 days of your receipt of this notice, a written statement or explanation in reply including: (1) corrective steps which have been taken by you and the results achieved; (2) corrective steps which will be taken to avoid further noncompliance; and (3) the date when full compliance will be achieved.

In accordance with Section 2.790 of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the NRC's Public Document Room. If this letter contains any information that you believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must include a full statement of the reasons on the basis of which it is claimed that the information is proprietary, and should be prepared so that proprietary information identified in the application is contained in a separate part of the document. If we do not hear from you in this regard within the specified period, the letter will be placed in the Public Document Room.

8003190524

1 PDR

Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,

/ Philip Stohr

J. Philip Stohr, Chief
Fuel Facility and Materials
Safety Branch

Enclosure:
Appendix A, Notice of Violation

APPENDIX A

NOTICE OF VIOLATION

Pharmatopes, Inc. License No. 45-18378-01MD

Based on the NRC inspection December 6, 1979, certain of your activities were apparently not conducted in full compliance with NRC requirements as indicated below. These items have been categorized as described in correspondence to you dated December 31, 1974.

A. As required in part by Condition 20 of your license and your procedures dated December 18, 1979, linearity tests must be conducted on your dose calibrators every three months.

Contrary to the above, linearity tests were not conducted on your dose calibrators between April 1979 and November 1979.

This is an infraction.

B. As required in part by 20.401(b), each licensee shall maintain records of disposal surveys that are made under 20.201(b).

Contrary to the above, records of radiation surveys performed on bags of syringes at the time of disposal have not been recorded.

This is a deficiency.

Dupe of 8003190537

JAN 2 1980

Pharmaco Nuclear
ATTN: Richard E. Keesee
President
1734 East 63rd Street, Suite 214
Kansas City, MO 64110

License No. 24-16617-01MD

Gentlemen:

This refers to the inspection conducted by Messrs. R. E. Burgin and W. J. Adam of this office on December 12, 1979 authorized by NRC Byproduct Material License No. 24-16617-01MD and to the discussion of our findings with you and members of your staff at the conclusion of the inspection.

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

During this inspection, certain of your activities appeared to be in non-compliance with NRC requirements, as described in the enclosed Appendix A.

This inspection included a review of actions taken to correct the items of noncompliance identified during the June 4, 1976 inspection and the July 24, 1976 special inspection of your Kansas City facility.

This notice is sent to you pursuant to the provisions of Section 2.201 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office within twenty days of your receipt of this notice a written statement or explanation in reply, including for each item of noncompliance: (1) corrective action taken and the results achieved; (2) corrective action to be taken to avoid further noncompliance; and (3) the date when full compliance will be achieved.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

A. B. Davis, Chief
Fuel Facility and Materials
Safety Branch

Enclosure: Appendix A,
Notice of Violation

8001150012

cc w/encl:
Central Files
Reproduction Unit NRC 20b
PDR
NSIC

OFFICE ▶		RIII	RIII	RIII
NAME ▶		Burgin/pd for	Paperiello	Davis
DATE ▶		12/21/79	12/26/79	12/27

NRC Form 318A (R III) (5-76) NRCM 0240

U. S. GOVERNMENT PRINTING OFFICE: 1979-285-125

Appendix A

NOTICE OF VIOLATION

Pharmaco Nuclear License No. 24-16617-01MD

Based on the inspection conducted on December 12, 1979, it appears that one of your activities was in noncompliance with NRC requirements, as noted below. This item is an infraction.

1. License Condition 16 requires that all byproduct material be possessed and used in accordance with statements, representations and procedures contained in application dated June 12, 1976, and letters dated July 18, 1977, August 18, 1977, September 14, 1977, December 16, 1977, July 24, 1978 and August 7, 1978. Attachment No. 6 of the above referenced application states that radiation monitors, GM meters and Cutie Pie survey instruments will be calibrated at three month intervals by the Radiation Safety Officer.

   Contrary to the above, your survey instruments have been calibrated only annually since August 28, 1978.

Dupe of 8001150017