

DEC 5 1980

FCMLB:JD
030-17488
(05668)

Pharmaco Nuclear, Inc.
ATTN: William C. McHugh
Radiation Safety Officer
100 North Euclid Avenue, Suite 900
St. Louis, MO 63108

Gentlemen:

Reference your request, dated October 21, 1980, to amend License No. 24-19360-01MD. We are not able to add John W. Jarvis to your license at the present time. Please note the following:

Mr. Jarvis should document his training in basic radioisotope handling techniques using a format similar to that of Form NRC 313M-Supplement A (enclosed). This documentation should show a breakdown by specific dates (i.e., by quarters, semesters, etc.), and number of contact hours (not credit hours) of training in each applicable subject. Each hour of training should be listed under only one subject category (i.e., the most applicable category). Be certain to arrange this information such that we can trace each hour of training to the institution where the training was obtained.

Individuals who wish to be named as users on nuclear pharmacy licenses should have 200 hours of formal training in basic radioisotope handling techniques as described in Appendix A, Section 2.a. (enclosed). Within the total 200 hours required in Section 2.a., training in radiation physics/instrumentation and radiation protection should be emphasized. An example of acceptable training in these specific subject areas would be 130 hours divided approximately equally among the three subject categories.

The requirements of Appendix A, Section 2.b. are also applicable to individuals who wish to be named as authorized users on nuclear pharmacy licenses. This "hands-on" experience should include iodine-131 and phosphorous-32 since these materials present unique health and safety problems. Even though you may distribute these materials unopened in the manufacturer's original shielding, individuals should know that to do in the event of a spill, etc.

Hold

8101070593

9
OFFICE
SURNAME
DATE

AG

Pharmaco Nuclear, Inc.

- 2 -

When you reply to this letter, please submit the information in duplicate and reference Control No. 05668.

Sincerely,

Joseph DelMedico
Material Licensing Branch
Division of Fuel Cycle and
Material Safety

Enclosures:

1. Appendix A
2. Form NRC 313M-Supplement A

OFFICE ▶ FCML <i>SC</i>					
SURNAME ▶ JDelMedico/ar1					
DATE ▶ 11/17/80					