

MAR 7 1985

Nuclear Pharmacy, Inc.
319 West Ontario Street
Chicago, IL 60610

Gentlemen:

Enclosed is Amendment No. 30 to your NRC License No. 12-18044-01MD in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. You must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address.
5. Request and obtain appropriate amendment if you plan to change ownership of your organization, change locations of radioactive material, or make any other changes in your facility or program which are contrary to your license conditions or representations made in your license application and any supplemental correspondence with NRC. Any amendment request should be accompanied by the appropriate fee specified in 10 CFR Part 170.
6. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material prior to your expiration date.

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Nuclear Pharmacy, Inc.

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You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions and representations in your license application will result in enforcement action against you in accordance with the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

If you have any questions or require clarification of any of the above stated information, contact us at (312) 790-5625.

Sincerely,

Original Signed By
William J. Adam
Materials Licensing Section

Enclosure(s): Amendment No. 30

RIII
wja
Adam/cm
03/06/85

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

2 STATE OR TERRITORY IN
WHICH LICENSED TO
PRACTICE MEDICINE

SPECIALTY BOARD
A

CATEGORY
B

MONTH AND YEAR CERTIFIED
C

FIELD OF TRAINING
A

LOCATION AND DATE(S) OF TRAINING

TYPE AND LENGTH OF TRAINING

LECTURE/
LABORATORY
COURSES
(Hours)
C

SUPERVISED
LABORATORY
EXPERIENCE
(Hours)
D

a. RADIATION PHYSICS AND INSTRUMENTATION

Our Lady of Mercy Hospital
School of Nuc. Med. Technology
Dyer, Indiana
Sept. 1983 to Sept. 1984

64

b. RADIATION PROTECTION

22

20

c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY

99

30

d. RADIATION BIOLOGY

11

20

8. RADIOPHARMACEUTICAL
CHEMISTRY

2

35

ISOTOPE

MAXIMUM AMOUNT

WHERE EXPERIENCE WAS GAINED

DURATION OF EXPERIENCE

TYPE OF USE

CONTROL NO. 7 x 338

MERCER UNIVERSITY

SCHOOL OF PHARMACY

345 BOULEVARD, N.E.

ATLANTA, GEORGIA 30312

Date: January 14, 1985

TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

Department of Clinical Pharmacy

Name: Paul Pobereyko

Field of Training	Location and Date(s) of Training Mercer University Southern School of Pharmacy Atlanta, Georgia 30312	Type and Length of Training	
		Lecture/ Laboratory Courses (Hours)	Supervised Laboratory Experience (Hours)
A. Radiation Physics and Instrumentation	December 14, 15, 16, 1984 December 21, 22, 1984	30	
B. Radiation Protection	December 14, 15, 16, 1984 December 21, 22, 1984 January 12, 13, 1985	25	
C. Mathematics Pertain- ing to the use and Measurement of Radio- activity			
D. Radiation Biology			
E. Radiopharmaceutical Chemistry			

TOTALS:

55

hrs.

hrs.

Michael P. Kavula, Jr.

Michael P. Kavula, Jr., Pharm.D.
Associate Professor Institutional
Practice and Radiation Safety
Officer

CONTROL NO. 7 x x 8 5

EXPERIENCE WITH RADIATION

Paul Pobereyko

Isotope	Maximum Amount	Where Experience Was Gained	Duration of Experience	Type of Use
Mo-99 Generators	2 Ci	Our Lady of Mercy Hosp. School of Nuc. Med. •Technology	9/83 to 9/84	Preparation and injection of radiopharmaceuticals for patients
Tc-99m	1 Ci	"	"	"
Ga-67	10 mCi	"	"	"
Tl-201	5 mCi	"	"	"
Se-75	250 uCi	"	"	"
I-131	10 mCi	"	"	"
I-131 Hippuran	250 uCi	"	"	"
I-123	100 uCi	"	"	"
I-125	100 uCi	"	"	"
Xe-133	20 mCi	"	"	"

CONTROL NO. 7 x 886

MERCER UNIVERSITY
SOUTHERN SCHOOL OF PHARMACY
345 BOULEVARD, N.E.
ATLANTA, GEORGIA 30312

Date: February 11, 1985

TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

Name: Theodore Schaffer

Field of Training	Location and Date(s) of Training Mercer University Southern School of Pharmacy, Atlanta, Georgia 30312	Type and Length of Training	
		Lecture/ Laboratory Courses (Hours)	Supervised Laboratory Experience (Hours)
A. Radiation Physics and Instrumentation	December 14, 15, & 16, 1984 December 21, 22, 1985 January 14-February 8, 1985	68	7
B. Radiation Protection	December 14, 15, & 16, 1984 December 21, 22, 1985 January 14-February 8, 1985	31	4
C. Mathematics Pertain- ing to the use and Measurement of Radio- activity	January 14 - 18, 1985 January 28 - February 1, 1985 February 4 - 8, 1985	16	4
D. Radiation Biology	January 28 - February 1, 1985 February 4 - 8, 1985	20	
E. Radiopharmaceutical Chemistry	January 14 - 18, 1985 January 21 - 25, 1985	30	20

TOTALS:

165 hrs. 35 hrs.

CERTIFICATE NO. 7 4 8 8 0

Michael P. Kavula, Jr.
Michael P. Kavula, Jr., Pharm.D.
Associate Professor Institutional
Practice and Radiation Safety Office

EXPERIENCE WITH RADIATION

Theodore Schaffer

Isotope	Maximum Amount	Where Experience Was Gained	Duration of Experience	Type of Use
Tc-99m Pertechnetate	50Ci	Nuclear Pharmacy, Inc. Chicago, IL	8/79 to present (Full time employment, greater than 500 hours)	Compounding and dispensing for patients and hospitals on a prescription order
Tc-99m Labeled Products	500mCi/product	"	"	"
Xe-133	8Ci	"	"	"
I-131 Sodium Iodide	1Ci	"	"	"
I-131 HSA	600mCi	"	"	"
I-131 Hippuran	100mCi	"	"	"
I-131 Rose Bengal	100mCi	"	"	"
I-125 Sodium Iodide	50mCi	"	"	"
Tl-201	100mCi	"	"	"
I-123 Sodium Iodide	1Ci	"	"	"
Se-75	50mCi	"	"	"
Yb-169 DTPA	500mCi	"	"	"

EXPERIENCE WITH RADIATION

Theodore Schaffer

Isotope	Maximum Amount	Where Experience Was Gained	Duration of Experience	Type of Use
P-32 Products	100mCi/product	Same as previous page	Sames as previous page	Same as previous page
Cr-51 Products	20mCi/product	"	"	"
Co-57,57,60 Cyanocobalamin	10mCi	"	"	"
Ga-67	500mCi	"	"	"
In-111 DTPA	10mCi	"	"	"
Mo-99/Tc-99m Generators	50Ci	"	"	"

MERCER UNIVERSITY
SOUTHERN SCHOOL OF PHARMACY
345 BOUTLIVARD, N.E.
ATLANTA, GEORGIA 30312

Date: February 11, 1985

TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

Name: Felix Muniz

Field of Training	Location and Date(s) of Training Mercer University Southern School of Pharmacy, Atlanta, Georgia 30312	Type and Length of Training	
		Lecture/ Laboratory Courses (Hours)	Supervised Laboratory Experience (Hours)
A. Radiation Physics and Instrumentation	December 14, 15, & 16, 1984 December 21, 22, 1984 January 14-February 8, 1985	68	7
B. Radiation Protection	December 14, 15, & 16, 1984 December 21, 22, 1984 January 14-February 8, 1985	31	4
C. Mathematics Pertain- ing to the use and Measurement of Radio- activity	January 14 - 18, 1985 January 28-February 1, 1985 February 4-February 8, 1985	16	4
D. Radiation Biology	January 28-February 1, 1985 February 4 - 8, 1985	20	
E. Radiopharmaceutical Chemistry	January 14 - 18, 1985 January 21 - 25, 1985	30	20

TOTALS:

165 hrs. 35 hrs.

CONTROL NO. 7 9 9 9 9

Michael P. Kavula, Jr.
Michael P. Kavula, Jr., Pharm.D.
Associate Professor Institutional
Practice and Radiation Safety Office

EXPERIENCE WITH RADIATION

Felix Muniz

Isotope	Maximum Amount	Where Experience Was Gained	Duration of Experience	Type of Use
Tc-99m Pertechnetate	50Ci	Nuclear Pharmacy, Inc. Chicago, IL	11/78 to present (Full time employment, greater than 500 hours)	-Compounding and dispensing for patients and hospitals on a prescription order
Tc-99m Labeled Products	500mCi/product	"	"	"
Xe-133	8Ci	"	"	"
I-131 Sodium Iodide	1Ci	"	"	"
I-131 HSA	600mCi	"	"	"
I-131 Hippuran	100mCi	"	"	"
I-131 Rose Bengal	100mCi	"	"	"
I-125 Sodium Iodide	50mCi	"	"	"
Tl-201	100mCi	"	"	"
I-123 Sodium Iodide	1Ci	"	"	"
Se-75	50mCi	"	"	"
Yb-169 DTPA	500mCi	"	"	"

EXPERIENCE WITH RADIATION

Felix Muniz

Isotope	Maximum Amount	Where Experience Was Gained	Duration of Experience	Type of Use
P-32 Products	100mCi/product	Same as previous page	Sames as previous page	Same as previous page
Cr-51 Products	20mCi/product	"	"	"
Co-57,57,60 Cyanocobalamin	10mCi	"	"	"
Ga-67	500mCi	"	"	"
In-111 DTPA	10mCi	"	"	"
Mo-99/Tc-99m Generators	50Ci	"	"	"

CONTROL NO. 23883C