

Lakeshore Isotopes

2727 West 21st St., Erie, PA 16505

Phone: (814) 836-0207

Fax: (814) 836-0484

3 February, 2006

U. S. Nuclear Regulatory Commission
Region I Office
Chief, Nuclear Materials Safety Branch
475 Allendale Rd.
King of Prussia, Penna. 19406

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REGION I

2006 FEB - 6 AM 10: 36

NM582

Dear Sirs --

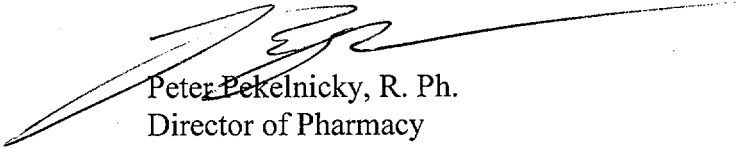
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We have recently hired a new nuclear pharmacist and her training period is now complete. We wish to add Dolores Kutzer, R. Ph. to our materials license (No. 37-28520-02MD) effective as soon as possible. Please find documentation of her training attached.

I hereby attest that Dolores Kutzer, R. Ph. has completed the Nuclear Education Online program via the University of Arkansas and University of New Mexico including both the didactic portion and the practical laboratory portion and has successfully obtained 700 hours of instruction in compliance with 10 CFR 35.55.

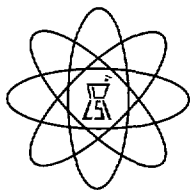
Please contact me if needed at the lab Monday - Friday any time from 0000 - 1500; outside of these hours I may be reached via cell phone at 814-572-2601.

Much thanks,


Peter Pekelnicky, R. Ph.
Director of Pharmacy
Radiation Safety Officer

138367

NMCS/RCM MATERIALS-002



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Training & Practical Experience Record

For new ANP

Trainee Pharmacist: Dolores Kutzer, R. Ph.

Instructor Pharmacist(s): Peter Pekelnicky, R. Ph, Kristen Veit, R. Ph.

Radionuclide	Max. amt. used at one time (mCi)	Training location	Clock hours	Uses
Mo-99	16600	LSI	40	1,2,6
Tc-99m	15000	LSI	250	1,2,3,4,5,6
I-131	200	LSI	50	1,2,3,4,5
Xe-133	300	LSI	5	1,3,4,5
I-123	2	LSI	5	1,3,4,5
I-125	0.5	LSI	0	1,3,4,5
Sr-89	4	LSI	1	1,3,4,5
Sm-153	8	LSI	2	1,3,4,5
Ba-133	0.3	LSI	5	2
Ga-67	20	LSI	2	1,3,4,5
Tl-201	100	LSI	10	1,3,4,5
Co-57	6	LSI	40	2
In-111	15	LSI	10	1,2,3,4,5
Cs-137	0.3	LSI	40	2

Practical experience hours: 460

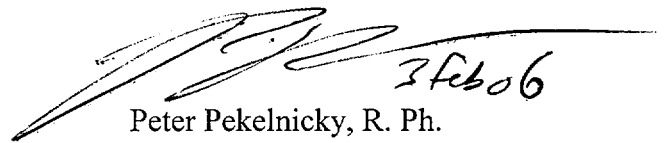
Didactic hours: 240

Total hours: 700

Legend:

1. Ordering, receiving and unpacking radioactive materials. Includes performance of related wipes, surveys, etc.
2. Calibration of dose calibrators, scintillation detectors and survey meters.
3. Calculation, dispensing and calibration of patient doses, including proper use of radiation shields.
4. Following appropriate internal control procedures to prevent mislabeling or other errors.
5. Learning emergency spill procedures including containment, isolation, decontamination and evacuation. Also includes related radiation wipes and surveys.
6. Elution of Tc-99m generator systems, assay of the eluate for Tc-99m, Mo-99, qualitative tests for Al³⁺, processing of eluate with reagent kits to compound Tc-99m radiolabeled radiopharmaceuticals and related testing of these pharmaceuticals.

I, Peter Pekelnicky, certify that Dolores Kutzer has completed the training described above under my direct supervision or under the supervision of my above named delegate trainer pharmacist. I also certify to the best of my knowledge that Dolores Kutzer is licensed to practice the profession of pharmacy in the Commonwealth of Pennsylvania, and has successfully completed the Nuclear Pharmacist training program through the Nuclear Education Online program of the University of Arkansas and University of New Mexico. Please note that the practical experience listed above is part of the formal training program but was in fact performed on-site in Lakeshore's facility.

A handwritten signature in black ink, appearing to read 'P. Pekelnicky', with the date '3 Feb 06' written to its right.

Peter Pekelnicky, R. Ph.
Director of Pharmacy
Radiation Safety Officer

**University of Arkansas for Medical Sciences
and
The University of New Mexico Health Sciences Center**

Nuclear Pharmacist Education

Dolores Kutzer

Nuclear Pharmacy Courses & Training	Nuclear Physics	Instrumentation	Radiation Safety	Radiation Biology	Radiopharmacy	Total
	004-039-01-201-H-01	004-039-01-200-H-01	004-039-01-203-H-01	004-039-01-202-H-01	004-039-01-204-H-01	
Radiation Physics & Instrumentation	75	25				100
Radiation Protection			30			30
Math & Measure of Radioactivity	5	5			10	20
Radiation Biology				20		20
Radiopharmaceutical Chemistry					30	30
Clinical Radiopharmacy					40	40
TOTALS	80	30	30	20	40	240

Course dates: November 21, 2005 – January 18, 2006

Nicki Hilliard

Nicki L. Hilliard, Pharm.D., BCNP
Associate Professor of Nuclear Pharmacy

Jeffrey Norenberg, Pharm.D., M.S., BCNP
Associate Professor of Nuclear Pharmacy

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Commonwealth of Pennsylvania
Department of State
Bureau of Professional and Occupational Affairs
PO Box 2649, Harrisburg PA 17105-2649

02 082965

License Type
Pharmacist

License Status
Active

Initial License Date
08/11/1990

Expiration Date
09/30/2006

DOLORES ANN KUTZER
[REDACTED]

License Number
RP037506L

Basil L. Meola
Commissioner of Professional and Occupational Affairs

Dolores Ann Kutzer
Signature

ALTERATION OF THIS DOCUMENT IS A CRIMINAL OFFENSE UNDER 18 PA.C.S. §. 4911

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This is to acknowledge the receipt of your letter/application dated

2/3/2006, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Review 37-22520-0240 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 138367.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.