

Mallinckrodt, Inc.

675 McDONNELL BLVD.

P.O. BOX 5840

ST. LOUIS, MO. 63134

(314) 895-2000

TELETYPE

May 31, 1985

U.S. Nuclear Regulatory Commission
Region I
631 Park Ave.
King of Prussia, PA 19406

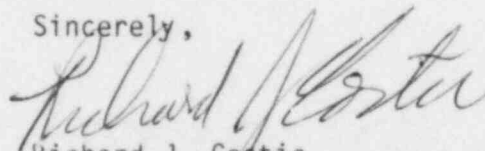
Attn: Dr. John Glenn

Dear Doctor Glenn:

Please amend our Radioactive Materials License No. 37-21345-01 MD to include Mr. Mark K. Scheffler as an authorized user. Attached are Mr. Scheffler's training and experience and the amendment fee.

If you have any questions regarding this amendment, please contact me at (314) 895-2227.

Sincerely,



Richard J. Costic
Imaging Services
Diagnostic Imaging Services

KHQ
52485

RJC/lm
attach.

June - 12 - I

Applicant.
Check No.	4041868
Amount, Fee Category	\$230.30
Type of Fee	Amendment
Date Check Rec'd.	6/19/85
Received By	Jacques

"OFFICIAL RECORD COPY"

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37-21345-01MD PDR

Mallinckrodt

DIAGNOSTIC PRODUCTS DIVISION

03939

JUN 10 1985

Page 1. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES*

Name: Mark Scheffler

Location of Training	Date(s) of Attendance	Course Title	Total Clock Hours of Course	Breakdown of Course Content in Clock Hours*				
				Radiation Physics & Instrumentation (need total of 85) **	Radiation Protection (need total of 45) **	Math Pertaining to Radioactivity (need total of 20) **	Radiation Biology (need total of 20) **	Radiopharmaceutical Chemistry (need total of 30) **
Mercer Univ School of Pharmacy 345 Boulevard N.E. Atlanta, GA 30312	3/21/83-4/2/83	Basic Radiosotopes		85	45	20	20	30
	8/15/83-8/26/83	Handling Techniques						

* Note: Show a breakdown of hours by institutions, dates, and subjects. List each hour only once (i.e., under the most applicable subject category).

TOTAL
HOURS 200

** This number reflects Minimum hours needed to qualify for licensure.

Page 2. DOCUMENTING RADIOISOTOPE HANDLING EXPERIENCE

Name: MARK K. SCHEFFLER

EXPERIENCE WITH RADIOACTIVE MATERIAL. (Actual Use of Radioisotopes
Under the Supervision of an Authorized User)

ISOTOPE	MAXIMUM AMOUNT USED AT ONE TIME	NUCLEAR PHARMACY INC. = NPI WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE (actual clock hours) (Need 500 total)*	TYPES OF USE 1, 2, 3, 4, 5, 6 (see key below)
Tc-99m I-123 Ga-67 Tl-201 Xe-133 Se-75 Co-57 Cs-137 Ba-133 Co-60 In-111 I-131 Cr-51 I-125 Fe-59 P-32	20Ci 1Ci 1Ci 1Ci 2Ci 250mCi 10mCi 20mCi 277uCi 1mCi 10mCi 1Ci 10mCi 5mCi 5mCi 35mCi	NPI - Philadelphia, PA 6/7/82 to 6/15/83 NPI - Miami Lakes, FL 6/15/83 to 10/10/83 NPI - Ft. Lauderdale, FL 10/10/83 to 4/1/85 NPI - Tampa, FL 4/1/85 to Present	5000 TOTAL	1 through 6

Key for "Type of Use"

The number or numbers entered under "Type of Use" correspond to experience in the following activities:

1. Ordering, receiving, and unpacking radioactive materials safely, including performance of related radiation surveys.
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. Appropriate internal control procedures to prevent mislabeling errors.
5. Emergency procedures to handle and contain spilled materials safely, including related decontamination procedures, surveys, and wipe tests.
6. Elution of Technetium-99m generator systems, assay and testing of the eluate for Molybdenum-99 contamination, and processing the eluate with reagent kits to prepare Technetium-99m labeled radiopharmaceuticals.

*This number reflects the minimum hours needed to qualify for licenses.