



Pharmaco nuclear inc.

100 NORTH EUCLID AVENUE • SUITE 900
ST. LOUIS, MISSOURI 63108
(314) 367-9300

Re; NRC License No. 24-19360-011D

May 10, 1982

Mr. Joseph Del Medico
Materials Licensing Branch
Division of Fuel Cycle and Material Safety
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Del Medico:

We ask that you include Joseph Huber as a user under condition No. 12A.
The enclosures document his training and experience.

Your consideration of this request is appreciated.

William C. McHugh
William C. McHugh, Ph. D.
Manager

License fee category 3B
Amendment Fee Enclosed \$40.00

Enclosures

Amend.

Date	5/14/82
Log	Huber PG 6
By	Brown
Orig. To	5/17/82
Action Comp	

U.S. NUCLEAR REG
COMMISSION
PRESS MAIL SECTION

MAY 12 AM 9 06

RECEIVED

849-440/3B
Amendment
5/14/82
Brown

COMMITTEE TO OFF OF
INVESTIGATION AND ENFORCEMENT

8508130165 850703
PDR FOIA
HAMMITT85-287 PDR

11334

**TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER**

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Joseph Huber	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE
--	--

3. CERTIFICATION		
SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C
Missouri State Board of Pharmacy	Pharmacist R.Ph.	July, 1981 40719

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES			
FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING	
		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION	200 Hour Basic Radioisotope Handling Techniques Program held by Nuclear Medicine	52.5	34.5
b. RADIATION PROTECTION	Associates in Cleveland, Ohio on the following dates: February 8-12, 1982 March 8-12, 1982	27.5	15.5
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	April 5-9, 1982 May 3-7, 1982	20	0
d. RADIATION BIOLOGY		20	0
e. RADIOPHARMACEUTICAL CHEMISTRY		17.5	12.5

5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)				
ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
See Attachment				

213.41

NRC-313M-Supplement A #5-- Experience with Radiation

Joseph M. Huber

<u>ISOTOPE</u>	<u>MAX. AMOUNT</u>	<u>Where Experience gained</u>	<u>Duration of exper- ience.</u>
99mTc	11 Ci	Pharmaco Nuclear, Inc St. Louis, Mo 63108	10 months
99-Mo	14.1 Ci	As Above	As Above
131-I	200 mCi	As Above	As Above
125-I	154 uCi	As Above	As Above
123-I	1500 uCi	As Above	As Above
133-Xe	2 Ci	As Above	As Above
137-Cs	205 uCi	As Above	As Above
57-Co	5.4 mCi	As Above	As Above
169-Yb	15 mCi	As Above	As Above
67-Ga	57 mCi	As Above	As Above
201-Tl	40 mCi	As Above	As Above
111-In	2 mCi	As Above	As Above
75-Se	300 uCi	As Above	As Above
32-P	17 mCi	As Above	As Above
51-Cr	1.5 mCi	As Above	As Above

PREPARATION OF RADIOPHARMACEUTICALS

DTPA
MDP
HDP
Gluceptate
Pyrophosphate
Sulfur Colloid
MAA
Microspheres
Disida
Pipida

Type of Use

Clinical for isotopes shown

1.7.41

CURRICULUM VITAE

May 1982

Joseph M. Huber

Phone: [REDACTED]
Date of Birth: [REDACTED]

EDUCATION

September 1972--June 1976

Althoff Catholic High School
Belleville, Ill

August 1976--May 1981

St. Louis College of Pharmacy
St. Louis, Mo
Curriculum including clinical clerkship
B.S. Pharmacy 1981

NON-ACADEMIC EXPERIENCE

Pharmacy Intern

Barnes Hospital St. Louis, Mo
May 1977-March 1981

Registered Pharmacist-- Missouri by examination 1981

Radiopharmacist--

Pharmaco Nuclear, Inc St. Louis, Mo
July 1981 to present

RADIOPHARMACEUTICAL EDUCATION

Basic Radioisotope Handling Course held by Nuclear Medicine Assoc.
Cleveland, Ohio 200 hours.

Nuclear Medicine Associates

THIS CERTIFIES THAT

JOSEPH HUBER

HAS SUCCESSFULLY COMPLETED ALL REQUIREMENTS
FOR THE

200 HOUR BASIC RADIOISOTOPE HANDLING TECHNIQUES COURSE
AND AS PROOF OF PROFICIENCY IS HEREBY
AWARDED THIS

Certificate of Completion

ON THIS 7TH DAY OF MAY, 1982

Paul Garly
DIRECTOR OF TRAINING