

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20555

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIAL SECTION B
631 PARK AVENUE
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
MATERIAL RADIATION PROTECTION SECTION
101 MAHETTA STREET, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
☒ B. AMENDMENT TO LICENSE NUMBER 29-17252-01
☐ C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

Felix E. Schletter, M.D.
Jerrold M. Stock, M.D.
101 Madison Ave.
Morristown, N.J. 07960

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

101 Madison Ave.
Morristown, N.J. Suite 305

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Jerrold M. Stock, M.D.

TELEPHONE NUMBER

201-267-9099

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY AMOUNT
ENCLOSED \$ 120.00

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN, IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE—CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

Jerrold M. Stock, M.D.

Jerrold M. Stock, M.D. Physician-owner

7/31/85

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

<\$250K	\$1M-3.5M
\$250K-500K	\$3.5M-7M
\$500K-750K	\$7M-10M
\$750K-1M	>\$10M

b. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

c. NUMBER OF BEDS

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial—proprietary—information furnished to the agency in confidence)

☐ YES

☐ NO

FOR NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEG

Amcl

Aug-14

7C

8510240646 850930

REG 1 LIC30

29-17252-01

PDR

04222

APPROVED BY

AG Jackson

DATE

8/14/85

AMOUNT RECEIVED

\$120

CHECK NUMBER

5768

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ML10

5. RADIOACTIVE MATERIAL

a. Element and mass number	b. chemical and/or physical form	Manufacturer and Model number	c. maximum amount
125-I	Ion exchange sealed source	AECL-C234 or equivalent	200-300 mCi each 400 mCi total
153-Gd	GdO ₂ sealed source	Gulf Nuclear, Webster, Tx Model GD-1 Amersham Model GDC.CY1 New England Nucl. Model NER-430 or equivalent	1000-1200 mCi each 1500 mCi total

During normal use only one isotope per unit will be on site. For continuity of patient scanning, the total amount includes the summed activity of a newly received source and the decayed source to be returned to the source manufacturer.

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MLIP

FELIX E. SCHLETTER, M.D.
JERROLD STOCK, M.D.
101 MADISON AVE.
MORRISTOWN, N.J. 07960

6. PURPOSE FOR WHICH LICENSED MATERIAL WILL BE USED

The 153-Gd sealed source listed above will be used in a
Lunar Radiation Corp. Model DP3 bone mineral analyzer.
NRC Registration number NR-430-D-101-S

The 125-I sealed source listed above will be used in a
Lunar Radiation Corp. model SP2 bone mineral analyzer.
NRC Registration number NR-430-D-102-S

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7. INDIVIDUALS RESPONSIBLE FOR RADIATION SAFETY PROGRAM

Dr. Jerrold M. Stock is the individual responsible for the Radiation Safety Program. He is the Radiation Safety Officer for our NRC license 29-17252-01 (orig. date 1/13/77, renewal 4/4/82). Enclosed is prior training listed in the original license application. Dr. Schletter is co-holder of the license and is the Radiation Safety Officer in Dr. Stock's absence. Drs. Schletter and Stock have updated their training in radiation physics, instrumentation, biology and protection (see enclosed) through Mr. Bun Chan.

Drs. Schletter and Stock's major medical activity is clinical practice of internal medicine and endocrinology in their office in Morristown, N.J., where their present nuclear medicine (thyroid scanning, treatment of patients with ^{131}I and in-vitro RIA testing) program is based. The bone mineral analysis will be based in the same office. Drs. Schletter and Stock are Clinical Assistant Professors of Medicine at The Columbia University School of Medicine and have been teaching medical students and residents in the area of endocrinology and metabolism through the affiliation with Morristown Memorial Hospital. This teaching activity has primarily involved office practice and the current nuclear medicine program (primarily thyroid scanning) has played a major role in this teaching activity. The bone mineral analysis would also add to the teaching capability in the area of osteoporosis.

Drs. Schletter and Stock's experience in nuclear medicine since the origination of their license in 1977 has included the performance of over 2000 radioiodine scans of the thyroid and the treatment of over 250 patients with ^{131}I for hyperthyroidism.

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