

APPLICATION FOR MATERIAL LICENSE

(Grandfathered human use 10 CFR 35.31 general license that expired March 31, 1987)

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, NM55
WASHINGTON, DC 20555

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

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNELVANIA,
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 19406ALABAMA, 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 MARIETTA 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 60137ARKANSAS, 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 76011ALASKA, 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 _____
☐ C. RENEWAL OF LICENSE NUMBER _____

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

Komol Surakomol, M.D.
4160 John R
Suite 721
Detroit, MI 48201

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

4160 John R
Suite 721
Detroit, MI 48201

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Komol Surakomol, M.D.

TELEPHONE NUMBER

(313) 832-1113

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. see ATT 5.

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

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR
TRAINING AND EXPERIENCE see ATT 7.8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS
see ATT 8.

9. FACILITIES AND EQUIPMENT

see ATT 9.

10. RADIATION SAFETY PROGRAM

see ATT 10.

11. WASTE MANAGEMENT

see ATT 11.

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

FEE CATEGORY exempt AMOUNT ENCLOSED \$0.00

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

Komol Surakomol, M.D.

3/26/87

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 CATEGORY

COMMENTS

APPROVED BY

AMOUNT RECEIVED

CHECK NUMBER

CONTROL NO. 83267

APR 01 1987

DATE

4/8/87

B707280113 B70331

REQ LIC30

21-24930-01

PDR

APR 1 1987

ATT 5.

A. Iodine-131	A. Sodium iodide	A. and B. 200 microcuries:	:
B. Iodine-131	B. Iodinated human serum albumin		:
C. Iodine-125	C. Iodinated human serum albumin	C. 200 microcuries	:
D. Cobalt-58	D. Cyanocobalamin	D. 5 microcuries	:
E. Cobalt-60	E. Cyanocobalamin	E. 5 microcuries	:
F. Chromium-51	F. Sodium chromate	F. 200 microcuries	:

ATT 6.

A. Measurement of thyroid uptake	:
B. Determinations of blood and blood plasma volume	:
C. Determinations of blood and blood plasma volume	:
D. Measurement of intestinal absorption of cyanocobalamin	:
E. Measurement of intestinal absorption of cyanocobalamin	:
F. Determination of red blood cell volumes and studies of red blood cell survival time.	:

ATT 7. I will be personally responsible for the radiation safety program. I am a licensed physician authorized to dispense drugs in the practice of medicine, and have had training and experience in the use of the instruments that will be used to perform clinical procedures.

ATT 8. Not applicable

ATT 9. I have on hand the appropriate radiation measuring instruments needed to carry out the clinical procedures that will be performed under this license.

ATT 10. Not applicable

ATT 11. Not applicable.

CONTROL NO. 83267

June 4, 1987

MEMORANDUM FOR: Files

FROM: Ronald M. Scroggins, Deputy Director
for Financial Management and Controller
Office of Administration and Resources Management

SUBJECT: EXEMPTION UNDER §170.11(b)(1), 10 CFR 170, FOR
SPECIFIC LICENSES ISSUED UNDER REVISED 10 CFR
PART 35 TO REPLACE FORMER IN-VIVO GENERAL LICENSES

Revised 10 CFR Part 35, which went into effect April 1, 1987, eliminated the in-vivo general license provisions contained in §35.31 of the previous Part 35. In order to incorporate the former general licenses into NRC's filing system, specific licenses were issued to the former general licensees who responded affirmatively to an NRC notice that asked if they wanted to continue to have an NRC license that would be limited to the clinical procedures authorized by the former general licenses. A pre-printed application was provided for the former general licensees' use in responding to the notice. Eighty-nine new specific licenses were issued in response to the applications received from the former general licensees.

Since the former general licenses were not subject to fees, and since no NRC technical review time was required to issue the new specific licenses, the Commission hereby grants an exemption from the fees contained in 10 CFR 170 for the eighty-nine specific licenses on the attached list which replaced the former in-vivo general licenses. This exemption applies only to the materials and uses authorized under the in-vivo general license provisions of the previous §35.31. Future applications from the former general licensees for amendments to the new specific licenses or for other licensing actions will be subject to the license fees specified in 10 CFR 170.

/s/ Ronald M. Scroggins

Ronald M. Scroggins, Deputy Director
for Financial Management and Controller
Office of Administration and
Resources Management

Attachment:
List of Specific Licenses

DISTRIBUTION:
License Fee File
ARM/DAF R/F LFMB R/F (2)
DW/GJ/Scroggins
FMC R/F

OFFICE: ARM/LFMB
SURNAME: GJackson
DATE: 5/26/87

ARM/LFMB
CHolloway
6/1/87

NMSS/MACUB
NMCElroy
5/1/87

OGG Jones
RDonner
6/2/87

ARM/DAF
EBlack
6/3/87

OFFICE: ARM/DAF
SURNAME: GJohnson
DATE: 6/3/87

ARM/FMC
LHitter
6/3/87

ARM/FMC
RScroggins
6/3/87

~~8707230783~~ 3pp.

List of Specific Licenses Issued Under Revised 10 CFR 35
To Replace Former In-Vivo General Licenses

<u>Licensee</u>	<u>License Number</u>
1. A. S. Maurer, M.D.	12-24943-01
2. Edward J. Harrow, M.D.	12-24926-01
3. Peter J. Soto, M.D.	24-24933-01*
4. Marvin E. Schmidt, M.D.	12-24879-01
5. Luis R. Owano, M.D.	12-24877-01
6. Wilfrid M. Smith, M.D.	12-24878-01
7. Alpana Mukjopadhyay, M.D.	12-24918-01
8. Reynold J. Gottlieb, M.D.	12-24894-01
9. Thomas J. Coy, D.O.	12-24908-01
10. Calixto J. Maso, M.D.	12-24919-01
11. Himani D. Dalia, M.D.	12-24949-01
12. Allan J. Ross, M.D., P.C.	21-24874-01
13. A. W. Waters, M.D.	22-24875-01
14. Bruce F. Andreas, M.D.	34-24880-01
15. Virgil R. Bleisch, M.D.	24-24881-01
16. James E. Duncan, M.D.	13-24889-01
17. Leonard N. Madoff, M.D.	34-24891-01
18. David A. Dobrow, M.D.	34-24892-01
19. Carl N. Gibson, M.D.	21-24895-01
20. Shamin A. Shamsi, M.D.	34-24896-01
21. Thor M. Thorgersen, M.D.	48-24897-01
22. Pushpa Makkar, M.D.	34-24898-01
23. Robert D. Heilman, M.D.	21-24899-01
24. Deborah E. Ward, M.D.	34-24900-01
25. James T. McLaughlin, M.D.	21-24903-01
26. Karl F. Loomis, M.D.	21-24907-01
27. Dale F. Dierberg, M.D.	24-24910-01
28. Walter H. Hartung, M.D.	34-24911-01
29. C. John Baumgartner, M.D.	22-24912-01
30. Juan G. Gonzalez, M.D.	24-24909-01
31. John A. Kline, D.O.	24-24888-01
32. B. J. Shah M.D., P.C.	21-24944-01
33. Mary C. Moebius, M.D.	34-24927-01
34. Imad George, M.D.	21-24883-01
35. Ronald L. Villella, M.D.	22-24882-01
36. Norman L. Welch, M.D.	21-24884-01
37. Dennis A. Wood, M.D.	48-24890-01
38. Eun Yong Kim, M.D.	13-24925-01
39. Tae Sik Yook, M.D.	21-24922-01
40. Gerald G. Brueckner, M.D.	21-24920-01
41. John R. Esther, M.D.	24-24924-01
42. Jayant I. Shah, M.D.	21-24923-01

*Region III has been notified to correct the license number to
12-24933-01

43.	Jose M. Cosio, M.D.	21-24921-01
44.	Kenneth W. DeByle, D.O.	21-24928-01
45.	Denis A. Luz, M.D.	21-24917-01
46.	Darryl R. Smith, M.D.	13-24916-01
47.	Komol Surakomol, M.D.	21-24930-01
48.	Larry I. Galblum, M.D.	24-24934-01
49.	Robert C. Hastedt, M.D.	34-24932-01
50.	Raiford Allen Tomlin, D.O.	21-24931-01
51.	Frederic H. Honigman, M.D.	37-27986-01
52.	Sidney C. Kress, M.D.	29-27988-01
53.	Donald E. Stanley, M.D.	44-27987-01
54.	James C. Stevens, M.D.	20-27970-01
55.	Harry D. Ainsworth, M.D.	20-27975-01
56.	Gerald R. Fahs, M.D.	37-27983-01
57.	Donald M. Koppel, M.D.	47-24899-01
58.	Robert A. Cederquist, M.D.	31-28010-01
59.	Theodore D. Coonrod, M.D.	37-27990-01
60.	Jo Shibuya, M.D.	08-27996-01
61.	Alex M. Kwan, M.D.	08-27997-01
62.	Robert L. McAuley, M.D.	20-28000-01
63.	Barbara Gibson, M.D.	37-28001-01
64.	Gerald S. Eichner, M.D.	29-27978-01
65.	Stefan Ellis Epstein, M.D.	29-27972-01
66.	Bernard Ehrenberg, M.D.	29-27985-01
67.	A. S. Basri, M.D.	29-27980-01
68.	Peter E. Hope-Ross, M.D.	06-27982-01
69.	Arthur F. Krieg, M.D.	37-27977-01
70.	Jin Hong Suk, M.D.	37-27969-01
71.	Donald L. Cohen, M.D.	37-27971-01
72.	J. A. Koenig, M.D.	37-27973-01
73.	William G. Gillespy, M.D.	37-27976-01
74.	Erich A. Everts, M.D.	37-27979-01
75.	Galal M. Ahmed, M.D.	37-27981-01
76.	Christopher H. Anthony, M.D.	37-27984-01
77.	Richard M. Steidl, M.D.	31-28011-01
78.	William J. Hester, M.D.	20-28012-01
79.	C. A. Ramirez, M.D.	37-27994-01
80.	Kevin B. Dole, M.D.	20-27991-01
81.	John C. Baylis, M.D.	29-27989-01
82.	Neena Singh, M.D.	06-28007-01
83.	Alolfo Perez-Comas, M.D., Ph.D.	52-24903-01
84.	James Piggott, M.D.	45-24898-01
85.	David William Roycroft, M.D.	45-24900-01
86.	James F. Lanier, M.D.	50-23267-01
87.	Ralph E. Adams, M.D.	35-26881-01
88.	Samuel Dachs, M.D.	25-26879-01
89.	George W. Ingles, M.D.	35-13909-02