

030-29828

L & L = 27969

NRC FORM 313

10 CFR 30, 32, 33, 34
35 and 40U.S. NUCLEAR REGULATORY COMMISSION
APPROVED BY OMB
3150-0120
Expires 5-31-87

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, 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 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)

Jin Hong Suk, M.D.
Franklin Reg. Med. Ctr.
1 Spruce St
Franklin, PA 16323

3. ADDRESSES WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

Franklin Reg. Med. Ctr.
1 Spruce Street
Franklin, PA 16323

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Jin Hong Suk, M.D.

TELEPHONE NUMBER

814-437-9000 Ex. 649

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 \$0.0013. 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

Jin H. Suk, M.D.

Jin H. Suk, M.D.

Pathologist

Mar 9 '87

14. ANNUAL RECEIPTS

<\$250K

\$250K - \$500K

\$500K - \$750K

\$750K - \$1M

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

\$1M - \$5M

\$5M - \$7M

\$7M - \$10M

>\$10M

c. NUMBER OF BEDS

60

14. VOLUNTARY ECONOMIC DATA

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

APP

Mar 19

EX

50

AMOUNT RECEIVED

CHECK NUMBER

FEE EXEMPT

FEE EXEMPT

PRIVACY ACT STATEMENT ON THE REVERSE

"OFFICIAL RECORD COPY"

11 MAR 1987

ML10

8707280030 870327
REG 1 LIC 30
37-27969-01
PDR

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.

03029828

BETWEEN: C. James Holloway, Chief
License Fee Management Branch
Office of Resource Management

John E. Glenn, Chief
Nuclear Materials Safety & Safeguards Section B
Division of Radiation Safety and Safeguards

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee:

Application Dated:

Control No.:

License No.:

Jim Hong Suk, M.D.
3-9-87
106939
New

2. FEE ATTACHED

Amount:

Check No.:

Ø
Ø

3. COMMENTS

Signed

Date

SLJ
3-17-87

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

2. Correct Fee Paid. Application may be processed for:

Amendment

Renewal

License

7C
35.31
✓

Signed

Date

S. Kimbly
3/25/87

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
SUNAME: GJackson:rej
DATE: 5/26/87

ARM/LFMB
Coholloway
6/1/87

NMSS/MACUB
NMElroy
5/31/87

OGD *Donner*
RFonner
6/2/87

ARM/DAF *Black*
EBlack
6/3/87

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

ARM/FMC
LH *Miller*
6/3/87

ARM/FMC
RScroggins
6/3/87

8747230783 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.	12-24026-01
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. Alpina 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