The Medical Laboratory
of Drs. Thornton-Haymond-Costin-Buehl-Bolinger-Warner-McGovern
301 East 38th Street, Indianapolis, Indiana 46205

(317) 925-6466

Harold C. Thornton, M.D. (1902-1978)
Joseph L. Haymond, M.D.
Robert L. Costin, M.D.
Isabelle A. Buehl, M.D.
Garry L. Bolinger, M.D.
T. Max Warner, M.D.
F. Donald McGovern, Jr., M.D.
Diplomates of The American Board of Pathology

April 20, 1981

Dr. John Cooper
Region III
Office of Inspection and Enforcement, USNRC
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Dr. Cooper,

Enclosed please find a report of the radiation survey performed at our former testing facility. In March we moved all of our testing procedures to 5940 West Raymond Street in Indianapolis.

At this time we would like to apply for a change of address on our 10 CFR 31 Registration Certificate for In Vitro Testing. The license registration number is 1534 and was issued to Dr. Robert L. Costin, 301 East 38th Street, Indianapolis, Indiana 46205 on February 20, 1975.

Attached please find a check for the change of address fee of $40.00.

If there are any questions, please contact me at 317-248-2448, extension 28.

Thank you for your consideration.

Sincerely,

Christie B. Zurface

Christie B. Zurface, MT(ASCP)
Supervisor
Clinical Chemistry

cc: Dr. Robert L. Costin
Theodosia White, Chief Technologist

28616
#40
6/10/81
Brown

Chk Rf'd - Registration # 1534

RECEIVED BY LFML
7/9/81
July PG 6III
Brown
To ....
Compl 7/16/81

9104160417 910220
PDR FOIA
ASARCH91-38 PDR

9104160417

JUN 2 0 1981

ROBERT T. ANGER, JR., M. S., M. P. H.
Nuclear Medicine Physics Consultant

317 253-0443
264-6467
924-8579

5230 North Washington Boulevard
Indianapolis, Indiana 46220

April 4, 1981

Chris Zurface
Chemistry Supervisor
The Medical Laboratory
5940 W. Raymond
Indianapolis, Indiana 46241

RADIATION SURVEY OF THE MEDICAL LABORATORY, 3755 WASHINGTON BLVD., INDIANAPOLIS, INDIANA 46205

On March 31, 1981, I performed a radiation survey of the 3755 Washington Blvd. facility of the Medical Laboratory, prior to release of this facility for unrestricted use.

Findings:

1. All radioactive material had already been transferred to the new facility at 5940 W. Raymond.

2. All radiation warning signs had been removed.

3. All workbenches (including sinks and associated plumbing), cabinets, counting equipment, refrigerators, etc. had been removed from the Main Chemistry room (where the I-125 was handled and stored) and transferred to the new facility at 5940 W. Raymond. ✓ ✓

4. Wipe samples from accessible surfaces in the Main Chemistry room and other areas of the facility were assayed on March 31, 1981. The wipes were examined first using a Canberra multichannel analyzer and NaI(Tl) crystal. Each wipe was then assayed specifically for I-125 using 10 minute counts in an Abbott Autologic NaI(Tl) well counter previously calibrated for I-125:

Wipe	CPM	Removable Activity
Background	70	
Main Chemistry	76	<8 DPM
"	69	"
"	65	"
"	60	"
"	75	"
"	55	"
"	66	"
"	75	"
"	72	"
"	71	"
"	60	"
Hallway	79	"
SMAC Room	65	
Data Processing	53	"
Chemistry Office	65	

None of the wipe samples were statistically different from background, indicating that any removable I-125 contamination was less than the minimum detectable activity (MDA) for I-125 on this counting system. Since each wipe actually represents an area greater than 100 cm², the above results are well within the acceptable removable surface contamination level of 20 DPM/100 cm² for I-125 specified in the NRC publication, "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material."

Based on these findings, no further decontamination efforts are required prior to release of this facility for unrestricted use.

If you should have any questions regarding this information, please let me know.

Robert T. Anger, Jr., M.S.
Certified Medical Nuclear Physicist

Form AEC-483
1/74
10 CFR 31

U.S. ATOMIC ENERGY COMMISSION

REGISTRATION CERTIFICATE – IN VITRO TESTING WITH BYPRODUCT MATERIAL UNDER GENERAL LICENSE

Form Approved
Budget Bureau No.
38-R0 180

Section 31.11 of 10 CFR 31 establishes a general license authorizing physicians, clinical laboratories, and hospitals to possess certain small quantities of byproduct material for *in vitro* clinical or laboratory tests not involving the internal or external administration of the byproduct material or the radiation therefrom to human beings or animals. Possession of byproduct material under 10 CFR 31.11 is not authorized until the physician, clinical laboratory, or hospital has filed Form AEC-483 and received from the Commission a validated copy of Form AEC-483 with registration number.

J. Robert Coughenour, M.D.
534 Turtle Creek North Dr.
Suite C-4
Indianapolis, Indiana 46227

3. I hereby apply for a registration number pursuant to §31.11, 10 CFR 31 for use of byproduct materials for *(please check one block only)*:
   - [x] a. Myself, a duly licensed physician authorized to dispense drugs in the practice of medicine.
   - [ ] b. The above-named clinical laboratory.
   - [ ] c. The above-named hospital.
4. To be completed by the Atomic Energy Commission

INSTRUCTIONS
1. Submit this form in triplicate to:
   Director of Licensing
   ATTN: Materials Branch
   Regulation
   U.S. Atomic Energy Commission
   Washington, D.C. 20545
2. Please print or type the name and address (including zip code) of the registrant physician, clinical laboratory, or hospital for whom or for which this registration form is filed. Position the first letter of the address below the left dot and do not extend the address beyond the right dot. (At AEC, a registration number will be assigned and a validated copy of Form AEC-483 will be returned.)

Registration number: 2643

U. S. ATOMIC ENERGY COMMISSION

BY: Clarence A. Hebron 6/6/74

(If this is an initial registration, leave this space blank – number to be assigned by AEC. If this is a change of information from a previously registered general licensee, include your registration number.)

5. If place of use is different from address in Item 1, please give complete address:

6. Certification:

I hereby certify that:

a. All information in this registration certificate is true and complete.

b. The registrant has appropriate radiation measuring instruments to carry out the tests for which byproduct material will be used under the general license of 10 CFR 31.11. The tests will be performed only by personnel competent in the use of the instruments and in the handling of the byproduct materials.

c. I understand that Commission regulations require that any change in the information furnished by a registrant on this registration certificate be reported to the Director of Licensing, within 30 days from the effective date of such change.

d. I have read and understand the provisions of Section 31.11 of AEC regulations 10 CFR 31 (reprinted on the reverse side of this form); and I understand that the registrant is required to comply with those provisions as to all byproduct material which he receives, acquires, possesses, uses, or transfers under the general license for which this Registration Certificate is filed with the Atomic Energy Commission.

Date 5-18-74

By J. Robert Coughenour, M.D.
Signature of person filing form

J. Robert Coughenour, M.D.
Printed name and title or position of person filing form

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.

Form AEC-483
(4-65)
10 CFR 31

U.S. ATOMIC ENERGY COMMISSION

REGISTRATION CERTIFICATE—IN VITRO TESTING WITH BYPRODUCT MATERIAL UNDER GENERAL LICENSE

Form Approved
Budget Bureau No.
38-R0160

Section 31.11 of 10 CFR 31 establishes a general license authorizing physicians, clinical laboratories, and hospitals to possess certain small quantities of byproduct material for *in vitro* clinical or laboratory tests not involving the internal or external administration of the byproduct material or the radiation therefrom to human beings or animals. Possession of byproduct material under 10 CFR 31.11 is not authorized until the physician, clinical laboratory, or hospital has filed Form AEC-483 and received from the Commission a validated copy of Form AEC-483 with registration number.

INSTRUCTIONS

Submit this form in triplicate to: United States Atomic Energy Commission, Washington, D.C. 20545, Attention: Director, Division of Materials Licensing. *A registration number will be assigned and a validated copy of Form AEC-483 will be returned.*

1. Please print or type within the shaded area, below, the name and address (including ZIP Code) of the registrant physician, clinical laboratory, or hospital for whom or for which this registration form is filed.

Richard M. Craig, M.D.
3024 Fairfield Avenue
Lutheran Hospital
Fort Wayne, Indiana
46807

2. I hereby apply for a registration number pursuant to § 31.11, 10 CFR 31 for use of byproduct materials for *(please check one)*:

- [X] a. Myself, a duly licensed physician authorized to dispense drugs in the practice of medicine.
- [ ] b. The above-named clinical laboratory.
- [ ] c. The above-named hospital.

3. To be completed by the Atomic Energy Commission

Registration number: 0035

U. S. ATOMIC ENERGY COMMISSION

BY: John F. Schneider

(Leave this space blank—number to be assigned by AEC)

4. If place of use is different from address in Item 1, please give complete address:

5. Certification:

I hereby certify that:

a. All information in this registration certificate is true and complete.

b. The registrant has appropriate radiation measuring instruments to carry out the tests for which byproduct material will be used under the general license of 10 CFR 31.11. The tests will be performed only by personnel competent in the use of the instruments and in the handling of the byproduct materials.

c. I understand that Commission regulations require that any change in the information furnished by a registrant on this registration certificate be reported to the Director, Division of Materials Licensing, within 30 days from the effective date of such change.

d. I have read and understand the provisions of Section 31.11 of AEC regulations 10 CFR 31 (reprinted on the reverse side of this form); and I understand that the registrant is required to comply with those provisions as to all byproduct material which he receives, acquires, possesses, uses, or transfers under the general license for which this Registration Certificate is filed with the Atomic Energy Commission.

Date December 30, 1968

By Richard M. Craig
Signature of person filing form

Richard M. Craig, M.D. Radiologist

Printed name and title or position of person filing form

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.

NRC Form 483
3-76
10 CFR 31

U.S. NUCLEAR REGULATORY COMMISSION

Approved by GAO
38-R0160

REGISTRATION CERTIFICATE—IN VITRO TESTING WITH BYPRODUCT MATERIAL UNDER GENERAL LICENSE

Section 31.11 of 10 CFR 31 establishes a general license authorizing physicians, clinical laboratories, and hospitals to possess certain small quantities of byproduct material for *in vitro* clinical or laboratory tests not involving the internal or external administration of the byproduct material or the radiation therefrom to human beings or animals. Possession of byproduct material under 10 CFR 31.11 is not authorized until the physician, clinical laboratory, or hospital has filed NRC Form 483 and received from the Commission a validated copy of NRC Form 483 with registration number.

Culver Clinical Laboratories, Inc.
405 Tinsley Ave.,
Crawfordsville, Indiana 47933

3. I hereby apply for a registration number pursuant to §31.11, 10 CFR 31 for use of byproduct materials for *(please check one block only)*:

☐ a. Myself, a duly licensed physician authorized to dispense drugs in the practice of medicine.

☒ b. The above-named clinical laboratory.

☐ c. The above-named hospital.

4. To be completed by the Nuclear Regulatory Commission

Registration number: 5399

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

Shirley A. Crutchfield March 14, 1980

(Please leave this space blank; number to be assigned by NRC. If this is a change of information from a previously registered general licensee, include your registration number.)

INSTRUCTIONS

1. Submit this form in triplicate to:
Office of Nuclear Material Safety and Safeguards
ATTN: Radioisotopes Licensing Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

2. Please print or type the name and address (including zip code) of the registrant physician, clinical laboratory, or hospital for whom or for which this registration form is filed. Position the first letter of the address below the left dot and do not extend the address beyond the right dot. (At NRC, a registration number will be assigned and a validated copy of NRC Form 483 will be returned.)

5. If place of use is different from address in item 1, please give complete address:

6. Certification

I hereby certify that:

a. All information in this registration certificate is true and complete.

b. The registrant has appropriate radiation measuring instruments to carry out the tests for which byproduct material will be used under the general license of 10 CFR 31.11. The tests will be performed only by personnel competent in the use of the instruments and in the handling of the byproduct materials.

c. I understand that Commission regulations require that any change in the information furnished by a registrant on this registration certificate be reported to the Director of Nuclear Material Safety and Safeguards within 30 days from the effective date of such change.

d. I have read and understand the provisions of Section 31.11 of NRC regulations 10 CFR 31 (reprinted on the reverse side of this form), and I understand that the registrant is required to comply with those provisions as to all byproduct material which he receives, acquires, possesses, uses, or transfers under the general license for which this Registration Certificate is filed with the Nuclear Regulatory Commission.

Date March 3, 1980

By Joyce Byllesby MD
Signature of person filing form

Joyce Byllesby, M.D., Director of Laboratories
Printed name and title or position of person filing form

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.

Form AEC-483
(4-65)
10 CFR 31

U.S. ATOMIC ENERGY COMMISSION

REGISTRATION CERTIFICATE—IN VITRO TESTING WITH BYPRODUCT MATERIAL UNDER GENERAL LICENSE

Form Approved
Budget Bureau No.
38-R0160

Section 31.11 of 10 CFR 31 establishes a general license authorizing physicians, clinical laboratories, and hospitals to possess certain small quantities of byproduct material for *in vitro* clinical or laboratory tests not involving the internal or external administration of the byproduct material or the radiation therefrom to human beings or animals. Possession of byproduct material under 10 CFR 31.11 is not authorized until the physician, clinical laboratory, or hospital has filed Form AEC-483 and received from the Commission a validated copy of Form AEC-483 with registration number.

INSTRUCTIONS

Submit this form in triplicate to: United States Atomic Energy Commission, Washington, D.C. 20545, Attention: Director, Division of Materials Licensing. *A registration number will be assigned and a validated copy of Form AEC-483 will be returned.*

1. Please print or type within the shaded area, below, the name and address (including ZIP Code) of the registrant physician, clinical laboratory, or hospital for whom or for which this registration form is filed.

Dr. Lester J. Barve, D. O.
1573 E. Clime Ave.
Griffith, Indiana
46319

2. I hereby apply for a registration number pursuant to § 31.11, 10 CFR 31 for use of byproduct materials for *(please check one)*:

XXX a. Myself, a duly licensed physician authorized to dispense drugs in the practice of medicine.

☐ b. The above-named clinical laboratory.

☐ c. The above-named hospital.

3. To be completed by the Atomic Energy Commission

Registration number: 2349

U. S. ATOMIC ENERGY COMMISSION

BY: Clarence A. Hebron 1/11/74
(Leave this space blank—number to be assigned by AEC)

4. If place of use is different from address in Item 1, please give complete address:

None

5. Certification:

I hereby certify that:

a. All information in this registration certificate is true and complete.

b. The registrant has appropriate radiation measuring instruments to carry out the tests for which byproduct material will be used under the general license of 10 CFR 31.11. The tests will be performed only by personnel competent in the use of the instruments and in the handling of the byproduct materials.

c. I understand that Commission regulations require that any change in the information furnished by a registrant on this registration certificate be reported to the Director, Division of Materials Licensing, within 30 days from the effective date of such change.

d. I have read and understand the provisions of Section 31.11 of AEC regulations 10 CFR 31 (reprinted on the reverse side of this form); and I understand that the registrant is required to comply with those provisions as to all byproduct material which he receives, acquires, possesses, uses, or transfers under the general license for which this Registration Certificate is filed with the Atomic Energy Commission.

Date 12-17-73

By _____
Signature of person filing form

Dr. Lester J. Barve Osteopathic Physician
Printed name and title or position of person filing form

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.

NRC Form 483
(12-81)
10 CFR 31

U.S. NUCLEAR REGULATORY COMMISSION

REGISTRATION CERTIFICATE—IN VITRO TESTING WITH BYPRODUCT MATERIAL UNDER GENERAL LICENSE

Approved by OMB
3150-0035
1-31-84

Section 31.11 of 10 CFR 31 establishes a general license authorizing physicians, clinical laboratories, hospitals, and veterinarians in the practice of veterinary medicine to possess certain small quantities of byproduct material for *in vitro* clinical or laboratory tests not involving the internal or external administration of the byproduct material or the radiation therefrom to human beings or animals. Possession of byproduct material under 10 CFR 31.11 is not authorized until the physician, clinical laboratory, hospital, or veterinarian in the practice of veterinary medicine, has filed NRC Form 483 and received from the Commission a validated copy of NRC Form 483 with registration number.

1. Deaconess Hospital, Inc.
600 Mary Street
Evansville, Indiana 47747

3. I hereby apply for a registration number pursuant to §31.11, 10 CRF 31 for use of byproduct materials for *(please check one block only)*
- ☐ a. Myself, a duly licensed physician authorized to dispense drugs in the practice of medicine.
- ☒ b. The above-named clinical laboratory.
- ☐ c. The above-named hospital.
- ☐ d. Veterinarian in the practice of veterinary medicine.

4. To be completed by the Nuclear Regulatory Commission.

Registration number: 3776

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

Shirley A. Crutchfield *** August 17, 1982

(If this is an initial registration, leave this space blank — number to be assigned by NRC. If this is a change of information from a previously registered general license, include your registration number.)

INSTRUCTIONS

1. Submit this form in triplicate to:
Office of Nuclear Material Safety and Safeguards
ATTN: Material Licensing Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

2. Please print or type the name and address (including zip code) of the registrant physician, clinical laboratory, hospital, or veterinarian in the practice of veterinary medicine for whom or for which this registration form is filed. Position the first letter of the address below the left dot and do not extend the address beyond the right dot. (At NRC, a registration number will be assigned and a validated copy of NRC Form 483 will be returned.)

5. If place of use is different from address in Item 1, please give complete address:

6. Certification

I hereby certify that:

a. All information in this registration certificate is true and complete.

b. The registrant has appropriate radiation measuring instruments to carry out the tests for which byproduct material will be used under the general license of 10 CRF 31.11. The tests will be performed only by personnel competent in the use of the instruments and in the handling of the byproduct materials.

c. I understand that Commission regulations require that any change in the information furnished by a registrant on this registration certificate be reported to the Director of Nuclear Material Safety and Safeguards within 30 days from the effective date of such change.

d. I have read and understand the provisions of Section 31.11 of NRC regulations 10 CFR 31 (reprinted on the reverse side of this form); and I understand that the registrant is required to comply with those provisions as to all byproduct material which he receives, acquires, possesses, uses, or transfers under the general license for which this Registration Certificate is filed with the Nuclear Regulatory Commission.

Date July 14, 1982 By _____

David J. Blomberg, M.D., Medical Director/Laboratory
Printed name and title or position of person filing form

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.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON D.C. 20555

BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

Regional Licensing Section
Material Licensing Branch
FCMS, Office of Nuclear Material
Safety & Safeguards

~~LICENSE FEE TRANSMITTAL~~

A. REGION II

1. APPLICATION

Applicant/Licensee: DR. ROBERT L. COSTIN

Application Dated: April 20, 1981

Control No.:

License No.: Registration # 1534

2. FEE

Amount: $ 40.00

Check No.: 28610

no fee necessary
This is registration.

3. CHECK AND APPLICATION ARE ATTACHED HERETO

Signed Bruce R. Mallett

Date July 6, 1981

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: Check Returned -

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

Amendment

Renewal

License

Given to Shirley for processing

faxed
JUL 8 ? 1981

Signed D Jackson

Date 7/16/81

NRC Form 483
(12-81)
10 CFR 31

U.S. NUCLEAR REGULATORY COMMISSION

Approved by OMB
3150-0035
1-31-84

REGISTRATION CERTIFICATE—IN VITRO TESTING WITH BYPRODUCT MATERIAL UNDER GENERAL LICENSE

Section 31.11 of 10 CFR 31 establishes a general license authorizing physicians, clinical laboratories, hospitals, and veterinarians in the practice of veterinary medicine to possess certain small quantities of byproduct material for *in vitro* clinical or laboratory tests not involving the internal or external administration of the byproduct material or the radiation therefrom to human beings or animals. Possession of byproduct material under 10 CFR 31.11 is not authorized until the physician, clinical laboratory, hospital, or veterinarian in the practice of veterinary medicine, has filed NRC Form 483 and received from the Commission a validated copy of NRC Form 483 with registration number.

Dr. Robert L. Costin
5940 West Raymond
Indianapolis, Indiana 46241

3. I hereby apply for a registration number pursuant to §31.11, 10 CRF 31 for use of byproduct materials for *(please check one block only)*

- [X] a. Myself, a duly licensed physician authorized to dispense drugs in the practice of medicine.
- [ ] b. The above-named clinical laboratory.
- [ ] c. The above-named hospital.
- [ ] d. Veterinarian in the practice of veterinary medicine.

4. To be completed by the Nuclear Regulatory Commission.

Registration number: 1534

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

Robert A. Crutchfield October 30, 1984

(If this is an initial registration, leave this space blank — number to be assigned by NRC. If this is a change of information from a previously registered general license, include your registration number.)

INSTRUCTIONS

1. Submit this form in triplicate to:
   Office of Nuclear Material Safety and Safeguards
   ATTN: Material Licensing Branch
   U.S. Nuclear Regulatory Commission
   Washington, D.C. 20555

2. Please print or type the name and address (including zip code) of the registrant physician, clinical laboratory, hospital, or veterinarian in the practice of veterinary medicine for whom or for which this registration form is filed. Position the first letter of the address below the left dot and do not extend the address beyond the right dot. (At NRC, a registration number will be assigned and a validated copy of NRC Form 483 will be returned.)

5. If place of use is different from address in Item 1, please give complete address:

6. Certification:

I hereby certify that:

a. All information in this registration certificate is true and complete.

b. The registrant has appropriate radiation measuring instruments to carry out the tests for which byproduct material will be used under the general license of 10 CRF 31.11. The tests will be performed only by personnel competent in the use of the instruments and in the handling of the byproduct materials.

c. I understand that Commission regulations require that any change in the information furnished by a registrant on this registration certificate be reported to the Director of Nuclear Material Safety and Safeguards within 30 days from the effective date of such change.

d. I have read and understand the provisions of Section 31.11 of NRC regulations 10 CFR 31 (reprinted on the reverse side of this form); and I understand that the registrant is required to comply with those provisions as to all byproduct material which he receives, acquires, possesses, uses, or transfers under the general license for which this Registration Certificate is filed with the Nuclear Regulatory Commission.

Date April 20, 1981 XXX By _____

Christie B. Zurface, MT(ASCP)
Printed name and title or position of person filing form

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.