



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

April 15, 1998

Idaho Cardiology Associates, P.A.
ATTN: Frederick R. Badke, M.D.
Radiation Safety Officer
300 East Jefferson Street, Suite 201
Boise, ID 83712

SUBJECT: NOTIFICATION OF AUTHORIZED USER (§35.14)

Dear Dr. Badke:

In accordance with 10 CFR 35.14, your letter dated April 7, 1998, is accepted as notification that you have permitted the individual (Dr. Raymond M. Thorpe) named in your letter referenced above to work as an authorized user pursuant to 10 CFR 35.13(b)(1). Note that Dr. Thorpe is authorized to use material identified in 10 CFR 35.200 limited to nuclear cardiology studies only. No further correspondence on this matter is required.

Please note that the notification process permits an individual to leave and return without further notification; however, notification is required when the authorized user's arrangement or commitment with the licensee is terminated (permanently discontinues performance of duties under the license).

If you have any questions regarding the above, please contact me at 817-860-8100.

Your cooperation is appreciated.

Sincerely,

Jacqueline D. Cook
Health Physicist
Nuclear Materials Licensing Branch

License: 11-27082-01
Docket: 030-32236
Control:466318

Enclosure:
10 CFR Part 35

9805170209 980415
PDR ADOCK 03032236
C PDR

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Idaho Cardiology Associates, P.A.

-2-

DOCUMENT NAME: L:\AUNOTIFY\DCARDAS.LTR

To receive a copy of this document, indicate in the box "C" - Copy without attachment/enclosure "E" - Copy with attachment/enclosure "N" - No Copy

RIV:NMLB	<input checked="checked" type="checkbox"/>						
JDCook	<input checked="checked" type="checkbox"/>						
04/15/98							

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 02201
Status Code: 0
Fee Category: 7C
Exp. Date: 20020331
Fee Comments:
Decom Fin Assur Req'd: N

LICENSE FEE TRANSFERRAL

A. REGION 17

1. APPLICATION ATTACHED
Applicant/Licensee: IDARD CARDIOLOGY ASSOCIATES P.A.
Received Date: 980413
Docket No: 3034381
Control No.: 466742
License No.: 11-27558-01
Action Type: Notifications

2. FEE ATTACHED
Amount: 11
Check No.: 11

3. COMMENTS

Signed Bullett
Date 4/13/98

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered 1/1)

1. Fee Category and Amount: 7C **FEE NOT REQUIRED**
2. Correct Fee Paid ☒ Application may be processed for: Notification
Amendment
Renewal
License

3. OTHER

Signed Pat Messer
Date 4/16/98



RECEIVED BY LFMS	
Date	<u>4/15/98</u>
Log	<u>Page 2</u>
By	<u>Ken</u>
Date Completed	<u>4/16/98</u>

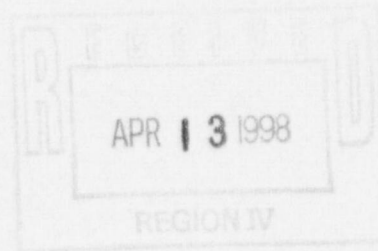


Idaho Cardiology ASSOCIATES P A

Frederick R. Badke, MD, FACC
M. Eric Carter, MD, FACC
Charles E. Eiriksson, MD, FACC
Colin D. Lee, MD, FACC
Melinda L. Marks, MD, FACC
Mark G. Parent, MD, FACC
Marshall F. Priest, MD, FACC
Walter L. Seale, MD, FACC
Steven L. Writer, MD, FACC

April 7, 1998

NRC Region IV
Nuclear Materials Licensing Branch
611 Ryan Plaza Drive, Suite 400
Arlington, TX 78011-8084



Re: License 11-27558-01

Dear Sir or Madam:

In accordance with 10 CFR Part 35.14, this will serve as a notification that Raymond M. Thorpe, M.D., will be covering on an as-needed basis to interpret nuclear cardiology studies at this facility. Currently Dr. Thorpe is practicing at St. Luke's Regional Medical Center as an authorized user under St. Luke's license 11-27312-01 which you will find attached.

Thank you for your help in this matter. If there are any questions, please do not hesitate to contact me at (208)336-4141.

Sincerely,

Frederick R. Badke, M.D.

FRB/jmm

Enclosure

DT: 4/7/98

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 39, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

1. St. Luke's Regional Medical Center
2. 190 E. Bannock
Boise, Idaho 83712

In accordance with letter dated
May 20, 1996

3. License number 11-27312-01 is amended in its entirety to read as follows:

4. Expiration date May 31, 2004

5. Docket or
Reference No 030-32196/IDA-13-2

6. Byproduct, source, and/or
special nuclear material

7. Chemical and/or physical
form

8. Maximum amount that licensee
may possess at any one time
under this license

- A. Any byproduct material
identified in
10 CFR 35.100
- B. Any byproduct material
identified in
10 CFR 35.200
- C. Any byproduct material
identified in
10 CFR 35.300
- D. Any byproduct material
identified in
10 CFR 35.400
- E. Any byproduct material
identified in
10 CFR 35.500
- F. Uranium depleted in
Uranium-235
- G. Cesium-137

- A. Any radiopharmaceutical
identified in
10 CFR 35.100
- B. Any radiopharmaceutical
identified in
10 CFR 35.200, except
generators
- C. Any radiopharmaceutical
identified in
10 CFR 35.300
- D. Any brachytherapy
source identified in
10 CFR 35.400
- E. Sealed sources for
diagnostic devices
identified in
10 CFR 35.500
- F. Cadmium plated metal
- G. Sealed source (ORIS/CBI
Model CSL-15)

- A. As needed
- B. As needed
- C. 2 curies
- D. As needed
- E. As needed
- F. As needed
- G. 5100 curies

MATERIALS LICENSE
SUPPLEMENTARY SHEET

11-27312-01

Docket or Reference Number
030-32196/IDA-13-2

Amendment No. 02

6. Byproduct, source,
and/or special nuclear
material

7. Chemical and/or
physical form

8. Maximum amount that
licensee may possess
at any one time
under this license

H. Cesium-137

H. Sealed source
(Registered pursuant to
10 CFR 32.210 or
equivalent Agreement
State regulations)

H. 120 millicuries

9. Authorized use

- A. Medical use described in 10 CFR 35.100.
- B. Medical use described in 10 CFR 35.200.
- C. Medical use described in 10 CFR 35.300.
- D. Medical use described in 10 CFR 35.400 and, for cesium-137, calibration of licensee's survey meters and personnel dosimeters.
- E. Medical use described in 10 CFR 35.500.
- F. Shielding in a linear accelerator.
- G. For use in CIS-US, Inc. Model IBL-437C irradiator for the irradiation of human blood and blood products.
- H. For use in a Victoreen Model 681 calibrator for calibration of the licensee's survey instruments.

CONDITIONS

10. Locations of use:

- A. 190 E. Bannock, Boise, Idaho.
- B. 151 E. Bannock, Boise, Idaho.

11. Radiation Safety Officer: Roger G. Stano, M.S.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

11-27312-01

Docket or Reference Number
030-32196/IDA-13-2

Amendment No. 02

12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

A. HUMAN USE

<u>Authorized Users</u>	<u>Material and Use</u>
Ray M. Thorpe, M.D.	10 CFR 35.100, 35.200, and 35.500
Charles L. Robertson, M.D.	10 CFR 35.100, 35.200, and 35.500
Craig E. Leymaster, M.D.	10 CFR 35.100, 35.200, and 35.500
Peter A. Langhus, M.D.	10 CFR 35.100, 35.200, and 35.500
Todd B. Burt, M.D.	10 CFR 35.100, 35.200, and 35.500
Charles R. Carrasco, M.D.	10 CFR 35.100, 35.200, and 35.500
Richard Lane, M.D.	10 CFR 35.100, 35.200, and 35.500
Charles E. Smith, M.D.	10 CFR 35.300, 35.400, and depleted uranium
Richard C. Ripple, M.D.	10 CFR 35.300, 35.400, and depleted uranium
Ronald V. Dorn, M.D.	10 CFR 35.300, 35.400, and depleted uranium
James R. Maxwell, M.D.	10 CFR 35.100, 35.200, 35.300, and 35.500
Elaine N. Daniel, M.D.	10 CFR 35.100, 35.200, 35.300, and 35.500

NONHUMAN USE

- B. Licensed material identified in Item 7.H. shall be used by, or under the supervision of, Roger G. Stano, M.S.
- C. Licensed material identified in Item 7.G. shall be used by, or under the supervision and in the physical presence of, Roger Stano, or individuals who have been trained as specified in application dated April 18, 1994. The licensee shall maintain records of individuals designated as users.
13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

11-27312-01

Docket or Reference Number
030-32196/IDA-13-2

Amendment No. 02

- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Sealed sources need not be leak tested if:
- (i) they contain only hydrogen-3; or
 - (ii) they contain only a radioactive gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- E. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, ATTN: Director, Division of Radiation Safety and Safeguards. The report shall specify the source involved, the test results, and corrective action taken.
- F. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to Perform such services.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

11-27312-01

Docket or Reference Number

030-32196/IDA-13-2

Amendment No. 02

14. The licensee shall not perform repairs or alterations of the irradiator involving removal of shielding or access to the licensed material. Removal, replacement, and disposal of sealed sources in the irradiator shall be performed by a person specifically licensed by the Commission or an Agreement State to perform such services.
15. The procedures contained in CIS-US, Inc. instruction manual for the Model IBL-437C device shall be followed and a copy of this manual shall be made available to each person using or having responsibility for the use of the device.
16. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.
17. The licensee shall conduct a physical inventory every 3 months to account for all sources and/or devices received and possessed pursuant to 10 CFR 35.59, 10 CFR 35.400 and 10 CFR 35.500 and every 6 months for all other sources and/or devices.
18. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application dated March 17, 1994
 - B. Letter dated April 18, 1994
 - C. Letter dated April 27, 1994
 - D. November 4, 1994
 - E. Letter dated December 12, 1994
 - F. Letter dated May 20, 1996
 - G. Additional information received by facsimile on July 16, 1996

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

JUL 17 1996

Date _____

Original Signed By
D. D. Burks

By

Nuclear Materials Licensing Branch
Region IV
Arlington, Texas 76011

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