

**RECEIVED**

APR 12 2011

501 Summit  
Yankton, SD 57078-3899  
(605) 668-8000

[www.averasacredheart.com](http://www.averasacredheart.com)

April 4, 2011

**DNMS**

U.S. NRC Region IV  
Texas Health Resources Tower  
Licensing Section  
612 E. Lamar Blvd.,  
Suite 400  
Arlington, TX 76011-4125

Ref: License # 40-01683-01

Gentlemen:

Please amend our license to add effective immediately William C Doelber, M.D. to uses permitted by 10 CFR part 35.100, 200, 300 and 400 excluding I-131 for treatment thyroid and in vitro studies.

He is currently an approved for those uses on Covenant Medical center, 3421 W Ninth Street, Waterloo, IA 50702. We are attaching a copy of their Iowa license 0046-1-07-MI which expired on March 31 2010, for your examination. In addition, please delete the following individuals from our existing license:

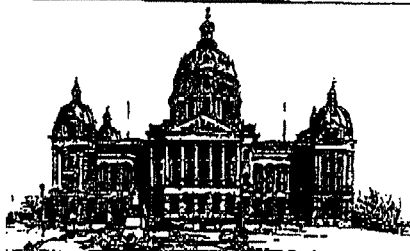
- a. Edwin Cook, M.D.
- b. Frank Messner, M.D.
- c. Thomas Posch, M.D.
- d. Peter Canady, M.D.

Please feel free to contact our Radiation Safety Officer S. Guru Prasad, Ph.D. at 847-570-1535 or 847 921-3462 if you have any questions regarding this request.

Sincerely,



Barry Graham, MD  
Vice President Medical Affairs



STATE CAPITOL OF IOWA DES MOINES, IOWA

# MATERIALS LICENSE

Pursuant to Chapter 136C of the Iowa Code and 641-38 through 42 (136C) of the Iowa Administrative Code 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 radioactive materials 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 rules of the applicable chapter(s). This license is subject to all applicable rules and orders of the Iowa Department of Public Health including the Iowa Rules for Radiation Machines and Radioactive Materials [641-38 through 42] now or hereafter in effect, and to any conditions specified below.

Licensee	In accordance with the <i>letter</i> dated <i>August 14, 2006</i> , License No.: 0046-1-07-M1 is <i>amended</i> to read as follows:	
1. Covenant Medical Center 2. 3421 West Ninth Street Waterloo, Iowa 50702	3. <b>License Number:</b> 0046-1-07-M1 <i>Amendment 03</i> 4. <b>Expiration Date:</b> March 31, 2010	
5. Byproduct, Source, Special Nuclear and/or Natural Occurring or Accelerator Produced Radioactive Material  A. Any radioactive material authorized by 641-41.2(31)  B. Any radioactive material authorized by 641-41.2(33) including DPTA aerosol; excluding Xenon-133  C. Any radioactive material authorized by 641-41.2(37)  D. Any radioactive material authorized by 641-41.2(43)  E. Any radioactive material authorized by 641-39.4(22) "I"  F. Uranium (depleted in Uranium-235)	6. Chemical and/or Physical Form  A. Any form authorized by 641-41.2(31)  B. Any form authorized by 641-41.2(33) excluding Tc-99m/ Mo-99 generators  C. Any form authorized by 641-41.2(37)  D. Sealed sources authorized by 641-41.2(43)  E. Prepackaged kits  F. Cadmium plated metal	7. Maximum Amount that Licensee May Possess At Any One Time Under This License  A. As needed  B. As needed  C. As Needed  D. 1 Curie total for all sources  E. 3 millicuries per kit  F. 350 kilograms



STATE CAPITOL OF IOWA DES MOINES, IOWA

# MATERIALS LICENSE

Supplementary Sheet

License No.: 0046-1-07-M1  
**Amendment 03**

G. Cobalt-57

G. Flood source(s) (DuPont Merck Pharmaceutical Company, Model Number NES-8430 or equivalent)

G. No single source to exceed 25 millicuries

H. Gadolinium-153

H. Sealed Source(s) (Isotope Products Laboratories Model Number 3409 Product Code HFGL-0022)

H. 86 millicuries per source

I. Technetium-99<sup>m</sup>

I. Liquid

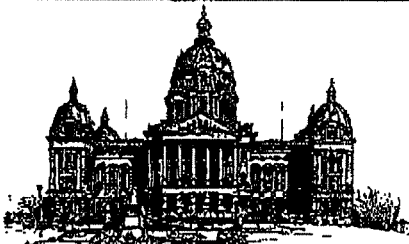
I. 200 millicuries per source

## 8. AUTHORIZED USE

- A. Medical use described in 641-41.2(31).
- B. Medical use described in 641-41.2(33).
- C. Medical use described in 641-41.2(37).
- D. Medical use described in 641-41.2(43).
- E. To be used for *in vitro* studies.
- F. To be used as shielding in a linear accelerator.
- G. To be used for quality control of medical imaging systems.
- H. To be used for transmission imaging (STEP) on Picker PRISM 3000 SPECT nuclear imaging systems.
- I. To be used for dose calibrator linearity testing.

## CONDITIONS

- 9. Licensed material shall be used only at the licensee's facilities located at 3421 West 9<sup>th</sup> Street, and 200 East Ridgeway Avenue, Waterloo, Iowa.
- 10. Licensed material shall be used by or under supervision of only the following individuals:
  - William C. Doebler, MD, for materials described in 641-41.2(31), (33), (37) excluding I-131 for treatment of thyroid carcinoma, (41), and *in vitro* studies.
  - Timothy J. Carmody, MD, for materials described in 641-41.2(31), (33), and (37) for diagnostic procedures only.
  - Cassandra S. Focus, MD, for materials described in 641-41.2(37) and (43).
  - Robert M. Guthrie, MD, for materials described in 641-41.2(37) and (43).



STATE CAPITOL OF IOWA DES MOINES, IOWA

# MATERIALS LICENSE

Supplementary Sheet

License No.: 0046-1-07-M1  
**Amendment 03**

Vandana Jain, MD, for materials described in 641-41.2(37) and (43).

→ Timothy V. Myers, MD, for materials described in 641-41.2(31), (33), (37) excluding I-131 for treatment of thyroid carcinoma, (41), and in vitro studies.

- 11. The Radiation Safety Officer for the activities authorized by this license is Chris R. Hagness, PhD.
- 12. The licensee is authorized to transport licensed material only in accordance with the provisions of 641-39.5(136C), "Packaging and Transportation of Radioactive Material."
- 13. The Authorized Medical Physicist for this license is authorized for the following activities:  
Chris R. Hagness, PhD., brachytherapy.
- 14. Except as specifically provided otherwise in this license, the license shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Department of Public Health's rules shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the rules.
  - A. Application dated February 23, 2005 (with attachments).
  - B. Letter dated June 21, 2005 (with attachments).
  - C. Letter dated November 28, 2005 (with attachments).
  - D. Letter dated May 31, 2006 (with attachments).
  - E. Letter dated August 14, 2006 (with attachments).

For the Iowa Department of Public Health

Date 8-31-06

By Randal S. Dahlin  
Randal S. Dahlin  
Bureau of Radiological Health

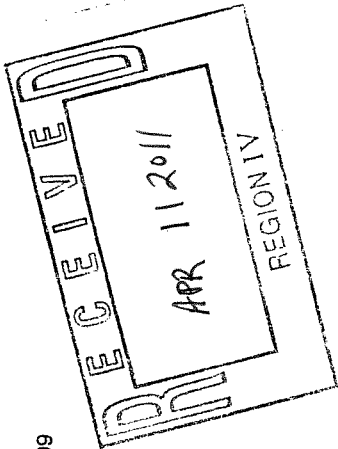
Date 8/31/06

Concurrence Donald A. Flater  
Donald A. Flater, Chief  
Bureau of Radiological Health

M  
DKM

**Avera**  
Sacred Heart Hospital

501 Summit  
Yankton, SD 57078-3899

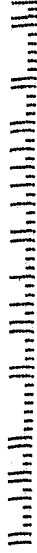


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U.S. NRC Region IV  
Texas Health Resources Tower  
Licensing Section  
612 E. Lamar Blvd.,  
Suite 400  
Arlington, TX 76011-4125

760114125 0024



APR 18 2011

This is to acknowledge the receipt of your letter/application dated 4/11/11, and to inform you that the initial processing, which includes an administrative review, has been performed.

DATE

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number 574889**.  
When calling to inquire about this action, please refer to this mail control number.  
You may call me at (817) 860-8103.

Sincerely,  
*Carol S. Skie*

Licensing Assistant

BETWEEN:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]  
INFORMATION FROM LTS

Program Code: 02120  
Status Code: Pending Amendment  
Fee Category: 7C  
Exp. Date:  
Fee Comments:  
Decom Fin Assur Reqd: N

### License Fee Worksheet - License Fee Transmittal

#### A. REGION

##### 1. APPLICATION ATTACHED

Applicant/Licensee: AVERA SACRED HEART HOSPITAL  
Received Date: 04/12/2011  
Docket Number: 3003235  
Mail Control Number: 574889  
License Number: 40-01683-01  
Action Type: Amendment

##### 2. FEE ATTACHED

Amount: \_\_\_\_\_

Check No.: \_\_\_\_\_

##### 3. COMMENTS

Signed: Carol L. Hee  
Date: 4/12/11

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

1. Fee Category and Amount: \_\_\_\_\_

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

Amendment: \_\_\_\_\_

Renewal: \_\_\_\_\_

License: \_\_\_\_\_

3. OTHER \_\_\_\_\_  
\_\_\_\_\_

Signed: \_\_\_\_\_  
Date: \_\_\_\_\_