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MAY 27 2016

May 23, 2016

DNMS

Nuclear Material Licensing Branch  
U.S. Nuclear Regulatory Commission, Region IV  
1600 E. Lamar Boulevard  
Arlington, TX 76011-4511

PUBLIC

- ☐ Immediate Release  
☒ Normal Release

NON-PUBLIC

- ☐ A.3 Sensitive-Security Related  
☐ A.7 Sensitive Internal  
☐ Other: \_\_\_\_\_

Reviewer: JH2

Date: 6/6/16

RE: License Request to change Radiation Safety Officer at Prairie Lakes Healthcare System by-Product license # 40-16775-01.

Dear Sir/Madam:

Please amend our byproduct license, number 40-16775-01 as outlined below.

1. Please add David J. Eastman, M.E.H.S. as the Radiation Safety Officer and refer to the attached supporting documentation which shows David J. Eastman on a current license, as well as a Preceptorship with additional training documentation for the requested materials below.
2. Please remove William N. Salk, M.S. as the Radiation Safety Officer.

Radiation Safety Officer

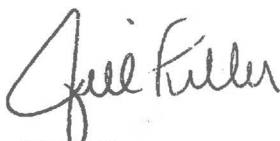
David J. Eastman, M.E.H.S.

Material and Use

10 CFR 35.100, 10 CFR 35.200,  
10 CFR 35.300 and 10 CFR 35.400

Please contact Jill Fuller with any questions at 605-882-7701.

Sincerely,



Jill Fuller  
President and CEO

Enclosures:  
Supporting documentation for David J. Eastman.



Ma 591007

**PRAIRIE LAKES**  
Healthcare System

## Delegation of Authority

Memo To: Radiation Safety Officer

From: Chief Executive Officer / President



Subject: Delegation of Authority

You, David J. Eastman, have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radioactive materials. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations.

You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of radioactive material by employees who do not meet the necessary requirements and termination operations where justified by radiation safety. You are required to notify management if staff do not cooperate and do not address radiation safety issues. In addition, you are free to raise issues with Nuclear Regulatory Commission Regulation and Licensure at anytime.

This institution also extends the authority to the Radiation Safety Officer to sign amendments in regard to this license. Designees to the Radiation Safety Officer will be appointed to ensure that daily activities involving the use of radioactive material are maintained and compliance with regulatory requirements and the radiation protection program are upheld.

Your signature below indicates acceptance of the above responsibilities.

<u>David J. Eastman</u>	<u>Jill Fuller, CEO</u>
Name of Radiation Safety Officer	Name of Management Representative
	
Signature of Radiation Safety Officer	Signature of Management Representative
<u>May 23, 2016</u>	<u>May 24, 2016</u>
Date	Date

cc: Effected Department Heads

591007



**RADIATION SAFETY OFFICER TRAINING  
AND EXPERIENCE AND PRECEPTOR ATTESTATION**  
[10 CFR 35.50]

APPROVED BY OMB: NO. 3150-0120  
EXPIRES: 04/30/2016

Name of Proposed Radiation Safety Officer

David Eastman

Requested Authorization(s) *The license authorizes the following medical uses (check all that apply):*

- ☐ 35.100    ☐ 35.200    ☒ 35.300    ☒ 35.400    ☐ 35.500    ☐ 35.600 (remote afterloader)  
☐ 35.600 (teletherapy)    ☐ 35.600 (gamma stereotactic radiosurgery)    ☐ 35.1000 ( \_\_\_\_\_ )

**PART I -- TRAINING AND EXPERIENCE**  
(Select one of the four methods below)

\*Training and Experience, including board certification, must have been obtained within the 7 years preceding the date of application or the individual must have obtained related continuing education and experience since the required training and experience was completed. Provide dates, duration, and description of continuing education and experience related to the uses checked above.

☐ **1. Board Certification**

- a. Provide a copy of the board certification.  
b. Use Table 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.  
c. Skip to and complete Part II Preceptor Attestation.

OR

☒ **2. Current Radiation Safety Officer Seeking Authorization to Be Recognized as a Radiation Safety Officer for the Additional Medical Uses Checked Above**

- a. Use the table in section 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for the additional types of medical use for which recognition as RSO is sought.  
b. Skip to and complete Part II Preceptor Attestation.

OR

☐ **3. Structured Educational Program for Proposed Radiation Safety Officer**

a. Classroom and Laboratory Training

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation			
Radiation protection			
Mathematics pertaining to the use and measurement of radioactivity			
Radiation biology			
Radiation dosimetry			
Total Hours of Training: <input type="text"/>			

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Structured Educational Program for Proposed Radiation Safety Officer (continued)**

**b. Supervised Radiation Safety Experience**

*(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)*

Description of Experience	Location of Training/ License or Permit Number of Facility	Dates of Training*
Shipping, receiving, and performing related radiation surveys		
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides		
Securing and controlling byproduct material		
Using administrative controls to avoid mistakes in administration of byproduct material		
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures		
Using emergency procedures to control byproduct material		
Disposing of byproduct material		
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ <div></div>		

+ Choose all applicable sections of 10 CFR Part 35 to describe radiolotopes and quantities used: 35.100, 35.200, 35.300, 35.400, 35.500, 35.600 remote afterloader units, 35.600 teletherapy units, 35.600 gamma stereotactic radiosurgery units, emerging technologies (provide list of devices).

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Structured Educational Program for Proposed Radiation Safety Officer (continued)**

**b. Supervised Radiation Safety Experience (continued)**

*(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)*

Supervising Individual	License/Permit Number listing supervising individual as a Radiation Safety Officer
<p>This license authorizes the following medical uses:</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"><input type="checkbox"/> 35.100</div> <div style="width: 50%;"><input type="checkbox"/> 35.200</div> <div style="width: 50%;"><input type="checkbox"/> 35.300</div> <div style="width: 50%;"><input type="checkbox"/> 35.400</div> <div style="width: 50%;"><input type="checkbox"/> 35.500</div> <div style="width: 50%;"><input type="checkbox"/> 35.600 (remote afterloader)</div> <div style="width: 50%;"><input type="checkbox"/> 35.600 (teletherapy)</div> <div style="width: 50%;"><input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)</div> <div style="width: 50%;"><input type="checkbox"/> 35.1000 ( _____ )</div> </div>	

**c. Describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.**

Description of Training	Training Provided By	Dates of Training*
Radiation safety, regulatory issues, and emergency procedures for 35.100, 35.200, and 35.500 uses	Please see the attached license where David Eastman is currently listed as the RSO for activities under this section.	
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Please see the attached document for training listed under 35.300	
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	Please see the attached document for training listed under 35.400	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	NA	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	NA	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	NA	
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	NA	



**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Structured Educational Program for Proposed Radiation Safety Officer (continued)**

- c. Training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license (continued)

<p>Supervising Individual <i>If training was provided by supervising RSO, AU, AMP, or ANP. (If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.)</i></p> <p>J. Douglas Bennett</p>	<p>License/Permit Number listing supervising individual</p> <p>1048-301-69</p>												
<p>License/Permit lists supervising individual as:</p> <p> <input checked="" type="checkbox"/> Radiation Safety Officer                <input type="checkbox"/> Authorized User                <input type="checkbox"/> Authorized Nuclear Pharmacist  <input type="checkbox"/> Authorized Medical Physicist           </p> <p>Authorized as RSO, AU, ANP, or AMP for the following medical uses:</p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> 35.100</td> <td><input checked="" type="checkbox"/> 35.200</td> <td><input checked="" type="checkbox"/> 35.300</td> <td><input checked="" type="checkbox"/> 35.400</td> </tr> <tr> <td><input type="checkbox"/> 35.500</td> <td><input type="checkbox"/> 35.600 (remote afterloader)</td> <td><input type="checkbox"/> 35.600 (teletherapy)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)</td> <td colspan="3"><input checked="" type="checkbox"/> 35.1000 ( Y-90 )</td> </tr> </table>		<input checked="" type="checkbox"/> 35.100	<input checked="" type="checkbox"/> 35.200	<input checked="" type="checkbox"/> 35.300	<input checked="" type="checkbox"/> 35.400	<input type="checkbox"/> 35.500	<input type="checkbox"/> 35.600 (remote afterloader)	<input type="checkbox"/> 35.600 (teletherapy)		<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)	<input checked="" type="checkbox"/> 35.1000 ( Y-90 )		
<input checked="" type="checkbox"/> 35.100	<input checked="" type="checkbox"/> 35.200	<input checked="" type="checkbox"/> 35.300	<input checked="" type="checkbox"/> 35.400										
<input type="checkbox"/> 35.500	<input type="checkbox"/> 35.600 (remote afterloader)	<input type="checkbox"/> 35.600 (teletherapy)											
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)	<input checked="" type="checkbox"/> 35.1000 ( Y-90 )												

- d. Skip to and complete Part II Preceptor Attestation.

**OR**

☐ **4. Authorized User, Authorized Medical Physicist, or Authorized Nuclear Pharmacist identified on the licensee's license**

- a. Provide license number.
- b. Use the table in section 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.
- c. Skip to and complete Part II Preceptor Attestation.

**PART II – PRECEPTOR ATTESTATION**

**Note:** This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, or verifies training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each.

**First Section**

**Check one of the following:**

☐ **1. Board Certification**

☐ I attest that \_\_\_\_\_ has satisfactorily completed the requirements in  
Name of Proposed Radiation Safety Officer  
 10 CFR 35.50(a)(1)(i) and (a)(1)(ii); or 35.50 (a)(2)(i) and (a)(2)(ii); or 35.50(c)(1).

**OR**

☒ **2. Structured Educational Program for Proposed Radiation Safety Officers**

☒ I attest that David Eastman has satisfactorily completed a structural educational  
Name of Proposed Radiation Safety Officer  
 program consisting of both 200 hours of classroom and laboratory training and one year of full-time radiation safety experience as required by 10 CFR 35.50(b)(1).

**OR**

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**Preceptor Attestation (continued)**

**First Section (continued)**

Check one of the following:

☐ **3. Additional Authorization as Radiation Safety Officer**

☐ I attest that \_\_\_\_\_ is an  
Name of Proposed Radiation Safety Officer

☐ Authorized User

☐ Authorized Nuclear Pharmacist

☐ Authorized Medical Physicist

identified on the Licensees license and has experience with the radiation safety aspects of similar type of use of byproduct material for which the individual has Radiation Safety Officer responsibilities

**AND**

**Second Section**

**Complete for all (check all that apply):**

☒ I attest that David Eastman has training in the radiation safety, regulatory issues, and  
Name of Proposed Radiation Safety Officer

emergency procedures for the following types of use:

☒ 35.100

☒ 35.200

☒ 35.300 oral administration of less than or equal to 33 millicuries of sodium iodide I-131, for which a written directive is required

☒ 35.300 oral administration of greater than 33 millicuries of sodium iodide I-131

☐ 35.300 parenteral administration of any beta-emitter, or a photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required

☐ 35.300 parenteral administration of any other radionuclide for which a written directive is required

☒ 35.400

☐ 35.500

☐ 35.600 remote afterloader units

☐ 35.600 teletherapy units

☐ 35.600 gamma stereotactic radiosurgery units

☐ 35.1000 emerging technologies, including:

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**AND**

**Third Section  
Complete for ALL**

☒ I attest that David Eastman has achieved a level of radiation safety knowledge  
Name of Proposed Radiation Safety Officer  
sufficient to function independently as a Radiation Safety Officer for a medical use licensee.

**Fourth Section  
Complete the following for Preceptor Attestation and signature**

I am the Radiation Safety Officer for Essentia Health St. Mary's Medical Center - East Region  
Name of Facility

License/Permit Number: 1048-301-69

Name of Preceptor

J. Douglas Bennett

Signature

*J. Douglas Bennett*

Telephone Number

(218) 786-1823

Date

5/11/2016



**US NRC Additional RSO Required Training to be Recognized as an RSO for Additional Medical Uses.**

3.c. Describe the training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.

Description of Training	Location of Training and License or Permit Number of Facility	Dates of Training
Radiation safety, regulatory issues, and emergency procedures for 35.100, 35.200, and 35.500 uses	Participated in MDH inspection at Essentia Health (License #: 1048-301-69).	5/1/2013
	Attended/Participated in Essentia Health (License #: 1048-301-69) Radiation Safety Committee Meetings.	8/15/2013 11/21/2013 2/20/2014
	Participated in ALARA Audit (License #: 1048-301-69).	1/21/2014
	Dade Moeller Medical Radiation Safety Officer (MRSO) Course Covered Appropriate Areas.	1/27-31/2014
	<b>Note:</b> Became listed Radiation Safety Officer for the Essentia Health St. Mary's Regional Heart Center located in Detroit Lakes, MN (License #: 1138-03 - see attached document for details) in April 2014 where all activities under 35.100 and 35.200 have been conducted/supervised.	April 2014 Became Listed RSO on a Radioactive Materials License
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Participated in MDH inspection at Essentia Health (License #: 1048-301-69).	5/1/2013
	Attended/Participated in Essentia Health Radiation Safety Committee Meetings.	8/15/2013 11/21/2013 2/20/2014 2/19/2015 2/18/2016
	Participated in ALARA Audit (License #: 1048-301-69).	1/21/2014
	Dade Moeller Medical Radiation Safety Officer (MRSO) Course Covered Appropriate Areas. See attached document for training details.	1/27-31/2014
	Radiation Safety Training on I-131 and I-125 w/Doug Bennett, RSO at Essentia Health East Campus, Duluth, MN (License #: 1048-301-69).	2/11/2016
	IAEA Training Material on Radiation Protection in Nuclear Medicine, Part 8 - Radiation Protection in Radionuclide Therapy (w/ I-131)	3/30/2016
	Review of NRC Subpart E - Unsealed Byproduct Material - Written Directive Required	3/30/2016
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	Participated in MDH inspection at Essentia Health (License #: 1048-301-69).	5/1/2013
	Attended/Participated in Essentia Health (License #: 1048-301-69) Radiation Safety Committee Meetings.	8/15/2013 11/21/2013 2/20/2014 2/19/2015 2/18/2016
	Participated in ALARA Audit (License #: 1048-301-69).	1/21/2014
	Dade Moeller Medical Radiation Safety Officer (MRSO) Course Covered Appropriate Areas. See attached document for training details.	1/27-31/2014
	Health Physics in Brachytherapy: Applications of Radiological Safety, Clinical Implementation and Medical Research, Medical Health Physics by Health Physics Society.	4/29/2013
	Computer Based Radiation Safety for I-125 Radioactive Seed Breast Localization Procedure by Doug Bennett, RSO at Essentia Health East Campus, Duluth, MN (License #: 1048-301-69)	6/8/2015
	Radiation Safety Training on I-131 and I-125 w/Doug Bennett, RSO at Essentia Health East Campus, Duluth, MN (License #: 1048-301-69).	2/11/2016
	IAEA Training Material on Radiation Protection in Radiotherapy, Part 6 - Brachytherapy, Lecture 2, Brachytherapy Techniques	3/29/2016
	Review of NRC Subpart F - Manual Brachytherapy	3/30/2016

Radiation safety, regulatory issues, and emergency procedures for 35.600 – teletherapy uses	NA	NA
Radiation safety, regulatory issues, and emergency procedures for 35.600 – remote afterloader uses	NA	NA
Radiation safety, regulatory issues, and emergency procedures for 35.600 – gamma stereotactic radiosurgery uses	NA	NA
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s): Yttrium-90, Iodine-125 (for RSL procedure) & Palladium-103 (for RSL Procedure)	NA	NA

\*Note: Bold areas above indicate areas under the facilities license.

# Certificate of Training

Awarded To

**David Eastman**

Recognizing completion of 5 days of specialized instruction in

**Medical Radiation Safety Officer**


**January 27 to 31, 2012**

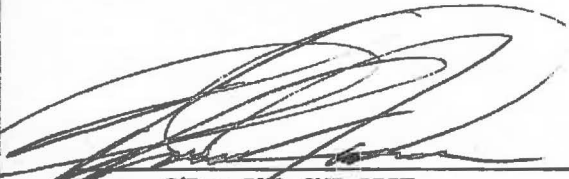
Presented By

***Dade Moeller Training Academy***

4100 West Flamingo Road, Suite 2200, Las Vegas, Nevada  
www.moellerinc.com/academy - 301-990-6006

ABIH has awarded this course 6.01 CM Points, CM Approval #09-4751  
AAHP has awarded this course 32 Continuing Education Credits, 2009-00-076  
ARRT and SNMT has awarded this course up to 40.5 CEH's, 024551-024555

  
Sandy E. Konert, MS, DABR, DABMP

  
Thomas O'Dou, PhD, CHP, RRPT



Dade Moeller

## Medical Radiation Safety Officer (MRSO) Course

### Day 1 | Monday

- 7:30 Free Continental Breakfast
- 8:00 Introduction, Course Overview, Risk Perceptions, Role of RSO
- 9:30 Health Effects
- 10:30 Radiation Protection Standards, Highlights of 10 CFR Part 19 and 20
- 12:00 Lunch (**provided**)
- 1:00 Radiation Protection Standards, Highlights of 10 CFR Part 19 and 20 cont.
- 2:30 Managing a Personal Monitoring Program
- 3:30 Developing a Training Program-Medical
- 4:30 Review
- 5:00 Adjourn

### Day 2 | Tuesday

- 7:30 Free Continental Breakfast
- 8:00 Principles of Radiation Protection
- 9:30 Medical Use Licensing, 10 CFR Part 35
- 11:30 Image Gently
- 12:00 Lunch (**provided**)
- 1:00 Accreditation
- 2:00 X-Ray and Fluoroscopy Safety, Registration and Inspections
- 3:30 Radiation Safety in PET/CT Facilities
- 4:30 Review
- 5:00 Adjourn

### Day 3 | Wednesday

- 7:30 Free Continental Breakfast
- 8:00 Shipping and Receipt of Radioactive Materials for Medical Facilities
- 10:30 Precautions and Release of Patients Containing Unsealed Radioactive Material
- 11:30 Sealed Sources in Medicine, Blood Bank Irradiators and Leak Tests
- 12:00 Lunch (**provided**)
- 1:00 Medical Radioactive Waste Management, Mixed Waste, Waste Manifests
- 1:30 Security of Radioactive Materials and Increased Controls

Wednesday Continued...

- 2:30 Radiation Safety in Nuclear Medicine
- 4:00 Review
- 5:00 Adjourn

**Day 4 | Thursday**

- 7:30 Free Continental Breakfast
- 8:00 Radiation Safety Instruments, Laboratory Instruments, Dose Calibrators
- 10:00 Instrument Applications and Troubleshooting
- 11:00 Hospital Emergency Response
- 12:00 Lunch (**provided**)
- 1:00 Instrument Lab and Practical Source Activity
- 2:30 Radiation Therapies
- 3:30 Radiation Safety Surveys
- 4:30 Review
- 5:00 Adjourn

**Day 5 | Friday**

- 7:30 Free Continental Breakfast
- 8:00 Safety Culture
- 9:00 Inspections, Audits, Notice of Violations in Medical Facilities
- 10:00 Break, Course Evaluations
- 10:30 Radiation Safety Program Management (Group Activities)
- 12:00 Presentation of Certificates and Adjourn





*Protecting, maintaining and improving the health of all Minnesotans*

February 23, 2016

David Eastman, M.E.H.S., RSO  
St. Mary's Regional Health Center  
dba: Essentia Health St. Mary's  
1027 Washington Avenue  
Detroit Lakes, MN 56501

License Number: 1138-03  
Amendment Number: 5

Dear Mr. Eastman:

Subject: Renewed Minnesota Department of Health Radioactive Materials License

Please find enclosed your Minnesota Department of Health (MDH) Radioactive Materials License Number 1138-03 authorizing the receipt and use of state regulated radioactive material. You should review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please contact the Radioactive Materials Unit.

The Minnesota Department of Health expects licensees to conduct their radiological programs with particular attention to detail and high standard of compliance. Because of the serious consequences to employees and the public that can result from failure to comply with MDH requirements, you must conduct your radiation safety program according to the condition of your license, representations made in your license application, and MDH rules Chapter 4731. In particular, note that you must:

1. Operate in accordance with "Notices, Instructions and Reports to Workers; Inspections," "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify MDH in writing of any change in mailing address.
3. Promptly notify MDH, in writing, and request termination of the license:
  - a) When you decide to terminate all activities involving licensed materials; or
  - b) If you decide not to acquire or possess and use authorized material.

No. 591007

4. Request and obtain a license amendment before you:
- a) Change Radiation Safety Officer;
  - b) Change the name or ownership if it results in a name change or if it impacts the radiological aspects of your organization.
  - c) Order radioactive material in excess of the amount, radionuclide, or form authorized on the license; or
  - d) Add or change the address(es) of use identified in the license application or on the license.

If you have questions or require clarification on any of the information stated above, please contact Martha Steinhart at (651)201-3941 or Brandon Juran at (651) 201-4526.

Sincerely,



Sherrie Flaherty, MHP, DC., Supervisor  
Minnesota Department of Health  
Radioactive Materials Unit  
PO Box 64975  
St. Paul, MN 55164-0975

Enclosure: Radioactive Materials License



## RADIOACTIVE MATERIALS LICENSE

Pursuant to Minnesota Statute 144.12 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. This license is subject to all applicable rules and orders of the Minnesota Department of Health (MDH) including the Minnesota Radioactive Materials Rules, Chapter 4731, now or hereafter in effect, and to any conditions specified below.

### 1. LICENSEE

ST. MARY'S REGIONAL HEALTH CENTER  
DBA: ESSENTIA HEALTH ST. MARY'S  
1027 WASHINGTON AVENUE  
DETROIT LAKES, MINNESOTA 56501

In accordance with the documents listed in Item 13, the Minnesota Department of Health Radioactive Materials License is issued to read as follows:

2. License Number: 1138-03  
Amendment Number: 5

3. Issue Date: February 23, 2016

4. Expiration Date: February 28, 2021

#### Program Codes

Primary: 2121      Secondary:      Other:

### 5. Byproduct, Source, Special Nuclear and/or Natural Occurring, or Accelerator Produced Radioactive Material

- A. Any radioactive material authorized by 4731.4432
- B. Any radioactive material authorized by 4731.4434 (excluding Fluorine-18 and Xenon-133)

### 6. Chemical and/or Physical Form

- A. Any (excluding generators)
- B. Any (excluding generators)

### 7. Maximum Amount That Licensee May Possess At Any One Time Under This License

- A. As needed
- B. As needed

### 8. AUTHORIZED USE

- A. Any uptake, dilution and excretion study authorized by 4731.4432.
- B. Any imaging and localization studies authorized by 4731.4434.

### CONDITIONS

9. Licensed material may be used or stored at the licensee's facilities located at 1027 Washington Avenue, Detroit Lakes, Minnesota.
10. The Radiation Safety Officer for this license is David Eastman.
11. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user in accordance with 4731.4403.
- B. The following individuals are authorized users for the materials and uses indicated:

#### Authorized Users

Mary Ann Christensen, M.D.  
Robert J. McDonald, M.D.

#### Material and Use

Material authorized by 4731.4432 and 4731.4434  
Material authorized by 4731.4432 and 4731.4434



## RADIOACTIVE MATERIALS LICENSE

Benjamin Smith, M.D.

Material authorized by 4731.4432 and 4731.4434

12. In addition to the possession limits in Item 7, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in Chapter 4731.3080 for establishing decommissioning financial assurance.
13. 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 by 4731.4405 Subpart 2. The Minnesota Department of Health rules shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the rules.

A. Renewal application dated January 18, 2016, and e-mail dated February 8, 2016.

### FOR THE MINNESOTA DEPARTMENT OF HEALTH

Prepared by: Martha Stunkert Date: 2/23/2016  
Radioactive Materials Unit Staff

Reviewed by: [Signature] Date: 2/23/2016  
Radioactive Materials Unit Staff

Approved by: Shane Tilly, DC Date: 2/23/2016  
Radioactive Materials Unit Supervisor



RECEIVED  
MAY 27 2016

DNMS

**FedEx**  
ress

ORIGIN ID: ATYA (605) 882-7927  
SHANE SUTTEN  
PRAIRIE LAKES HEALTHCARE SYSTE  
401 9TH AVE NEW

WATERTOWN, SD 57201  
UNITED STATES US

SHIP DATE: 26MAY16  
ACTWGT: 1.00 LB  
CAD: 1031007/NET3730

BILL SENDER

TO U.S. NUCLEAR REG COMM REGION IV  
NUCLEAR MATERIAL LICENSING BRANCH  
1600 E LAMAR BLVD

ARLINGTON TX 76011

000-0000

REF: 40340040

OMB

DEPT

FedEx  
Express

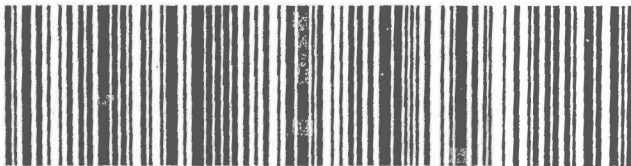


TRK# 7763 8176 3801  
0201

FRI - 27 MAY 3:00P  
STANDARD OVERNIGHT

**XH FWHA**

76011  
TX-US DFW



No 591007