



Improving the health of the people in our communities by  
providing quality, compassionate care to everyone, every time

October 11, 2016

Nuclear Regulatory Commission

Region III

Materials Licensing Branch

2443 Warrenville Road, Ste. 210

Lisle, IL 60532-4352

Dear Sir/Madame:

I am submitting a request to amend NRC license number 21-16339-01 on behalf of Sparrow Carson Hospital in Carson City, MI. We requested an expedited review due to urgent patient need.

Our Radiation Safety Officer, Donna Moyer, DO, resigned suddenly from her position. We did not have time to replace her before her departure. We have a physician on our licensee who has served as an RSO on a similar license in the past. We would like to name Adam Schwaderer, DO, as our Radiation Safety Officer. The license on which he was designated as RSO is Opdyke Diagnostic, Lic # 21-35020-01. His delegation of authority and supporting materials are attached.

If you have any questions regarding this change, feel free to contact our consulting physicist, Vince McCormick, at (734)395-9323 or [v\\_mccormick@comcast.net](mailto:v_mccormick@comcast.net).

Sincerely,

A handwritten signature in black ink that reads 'Matthew J. Thompson'.

Matthew Thompson

RECEIVED OCT 11 2016

<b>NRC FORM 313</b> (03-2016) 10 CFR 30, 32, 33, 34, 35, 36, 37, 39, and 40	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>   <b>APPLICATION FOR MATERIALS LICENSE</b>	<b>APPROVED BY OMB: NO. 3150-0120</b> Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to <a href="mailto:Infocollcts.Resource@nrc.gov">Infocollcts.Resource@nrc.gov</a> , and to the Desk Officer, Office of Information and Regulatory Affairs, NEQO-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.				
<b>EXPIRES: 03/31/2018</b>						
<b>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. *AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.</b>						
<b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b>  MATERIALS SAFETY LICENSING BRANCH DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001  <b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b> <b>IF YOU ARE LOCATED IN:</b>  ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,  <b>SEND APPLICATIONS TO:</b>  LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2100 RENAISSANCE BOULEVARD, SUITE 100 KING OF PRUSSIA, PA 19406-2713		<b>IF YOU ARE LOCATED IN:</b>  ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN. <b>SEND APPLICATIONS TO:</b>  MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 Lisle, IL 60832-4362  ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING,  <b>SEND APPLICATIONS TO:</b>  NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1800 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511				
<b>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 JURISDICTIONS.</b>						
<b>1. THIS IS AN APPLICATION FOR (Check appropriate item)</b>  <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>21-16339-01</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____		<b>2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)</b>  Sparrow Carson Hospital 406 E. Elm Street P.O. Box 879 Carson City, MI 48811-0879				
<b>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</b>  406 E. Elm Street Carson City, MI 48811-0879		<b>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</b>  Vincent McCormick, M.S.  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>BUSINESS TELEPHONE NUMBER</b></td> <td style="width: 50%;"><b>BUSINESS CELLULAR TELEPHONE NUMBER</b></td> </tr> <tr> <td>(734) 455-4730</td> <td>(734) 395-9323</td> </tr> </table> <b>BUSINESS EMAIL ADDRESS</b> v_mccormick@comcast.net	<b>BUSINESS TELEPHONE NUMBER</b>	<b>BUSINESS CELLULAR TELEPHONE NUMBER</b>	(734) 455-4730	(734) 395-9323
<b>BUSINESS TELEPHONE NUMBER</b>	<b>BUSINESS CELLULAR TELEPHONE NUMBER</b>					
(734) 455-4730	(734) 395-9323					
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.						
<b>5. RADIOACTIVE MATERIAL.</b> a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.		<b>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</b>				
<b>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</b>		<b>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.</b>				
<b>10. RADIATION SAFETY PROGRAM.</b>		<b>9. FACILITIES AND EQUIPMENT.</b>				
<b>12. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31)</b>		<b>11. WASTE MANAGEMENT.</b>				
<b>13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.</b>  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, 36, 37, 39, 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.		<b>FEE CATEGORY</b> <span style="border: 1px solid black; padding: 0 20px;"> </span> <b>AMOUNT ENCLOSED \$</b> <span style="border: 1px solid black; padding: 0 20px;"> </span>				
<b>CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE</b>  Matthew Thompson, President & CEO		<b>SIGNATURE</b>  <div style="border: 1px solid black; height: 40px; width: 100%;"></div>				
<b>DATE</b>  <div style="border: 1px solid black; height: 40px; width: 100%;"></div>						
<b>FOR NRC USE ONLY</b>						
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS	

improving the health of the people in our communities by  
providing quality, compassionate care to everyone, every time

From: Chief Executive Officer

Subject: Delegation of Authority

You, Adam Schwader D.O. have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radiation. 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 by product material by employees who do not meet the necessary requirements and shutting down 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 the Nuclear Regulatory Commission at any time. It is estimated that you will spend 30 minutes per week conducting radiation protection activities.

I accept the above responsibilities.

Matthew J. Th...  
Signature of Management Representative

10/10/16  
Date

[Signature]  
Signature of Radiation Safety Officer

10/10/2016  
Date



Improving the health of the people in our communities by  
providing quality, compassionate care to everyone, every time

**FAX**

To: NRC licensing division

Fax number: (630) 515-1078

From: Andrew Switzer

Fax number: (989) 584-3072

Number of pages including this cover: 4

Date: 10/11/2016

Regarding: Request to amend NRC license number 21-16339-01.