

April 25, 2018

Jennifer Bishop, Health Physicist  
United States Nuclear Regulatory Commission  
Region III, Materials Licensing  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

RE: Control #602209  
Amendment to NRC License No. 13-02650-02  
**Saint Joseph Regional Medical Center**  
**Additional Information**

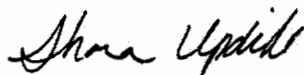
Jennifer:

To complete your request for additional information regarding the use of Y-90 Theraspheres, we are providing the following licensee commitments:

For the purpose of written directive and medical event reporting requirements in the Y-90 microsphere guidance, "prescribed dose" means the total dose (rad or Gy). Alternatively, prescribed activity (mCi or GBq) may be used in lieu of prescribed dose. If prescribed activity is used in lieu of prescribed dose, activity should be used for all documentation and evaluations.

We commit to develop procedures that describe measures taken to ensure that radiation emissions, which may include bremsstrahlung, from each patient or human research subject permits his or her release in accordance with 10 CFR 35.75.

Please let me know if you have any questions or require additional information.



Sharon Updike, MHP, DABR  
Radiation Safety Officer  
Saint Joseph Regional Medical Center

**Sandrik, Lauren**

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**From:** Bishop, Jennifer  
**Sent:** Wednesday, April 25, 2018 1:39 PM  
**To:** Song, Taehoon; Sandrik, Lauren; Pavon, Sandy  
**Cc:** Tomczak, Tammy  
**Subject:** FW: Re: Additional Information Needed for Amendment Request  
**Attachments:** Additional information 4-25-18.pdf

Good Afternoon,

Can you please add this document to ADAMS?

Thank you,  
Jenni

**From:** Sharon Updike [mailto:[supdike@mpcphysics.com](mailto:supdike@mpcphysics.com)]  
**Sent:** Wednesday, April 25, 2018 1:27 PM  
**To:** Bishop, Jennifer <[Jennifer.Bishop@nrc.gov](mailto:Jennifer.Bishop@nrc.gov)>  
**Subject:** [External\_Sender] Re: Additional Information Needed for Amendment Request

Jennifer - I am attaching the documentation required to complete the request for additional information. Thanks again for your help,

Regards,

Sharon Updike, MHP, DABR  
Nuclear Medical Physicist  
Medical Physics Consultants, Inc.

(Office) 734-662-3197  
(Cell) 517-795-8786  
(Fax) 734-662-9224

On Tue, Apr 24, 2018 at 12:09 PM, Sharon Updike <[supdike@mpcphysics.com](mailto:supdike@mpcphysics.com)> wrote:

Hi Jennifer - I am attaching the requested information. Thank you for your help.

Regards,

Sharon Updike, MHP, DABR  
Nuclear Medical Physicist  
Medical Physics Consultants, Inc.

(Office) 734-662-3197  
(Cell) 517-795-8786

(Fax) 734-662-9224

On Tue, Apr 10, 2018 at 11:13 AM, Bishop, Jennifer <[Jennifer.Bishop@nrc.gov](mailto:Jennifer.Bishop@nrc.gov)> wrote:

Good Morning,

As we discussed this morning, I am attaching the additional information that I will need to complete your request to add Theraspheres to the Saint Joseph Regional Medical Center (13-02650-02) license. Please note on your response the control number for this action is 602290.

Sincerely,

Jennifer L. Dalzell-Bishop

Health Physicist – Licensing

NRC-Region III

[Jennifer.Dalzell-Bishop@nrc.gov](mailto:Jennifer.Dalzell-Bishop@nrc.gov)

630-829-9607