

April 24, 2018

U.S. Nuclear Regulatory Commission, Region III  
Materials Licensing Branch  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

RE: Additional information for amendment request to add PET material dated March 21, 2018

LICENSEE: Centerpoint Medical Center of Independence, LLC  
(d/b/a Centerpoint Medical Center)  
NRC License No. 24-18655-01

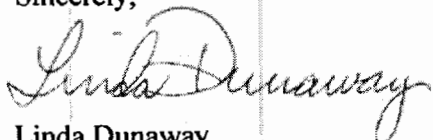
Ms. Gryglak,

The following information is in response to your e-mail request on April 18, 2018.

1. Strontium-82 (Sr-82) 200 mCi; Rubidium-82 (Rb-82) 200 mCi; Strontium-85 (Sr-85) 1,000 mCi. In addition, there are three sealed sources in the PET camera for quality control. Each of these rods contains 3.8mCi of Germanium 68 (Ge68). We will also have a solid source phantom containing 3mCi of Ge68.
2. CardioGen-82 Rubidium Infusion system manufactured by RbM Services for Bracco Diagnostics, Inc. – Model 1510. (For license chemical and physical form it is listed as: *Bracco Diagnostics, Inc. CardioGen-82 Strontium-82 to Rubidium-82 generator (Sr-82/Rb-82 generator)*).
3. The recommended dose range of rubidium Rb-82 chloride injection is 30-60 mCi with a maximum single dose not to exceed 60 mCi.
4. The maximum patients per week is 50.
5. A Rest/Stress CardioGen-82 cardiac PET scan takes approximately 30 minutes.

If you need additional information or have any questions, please let me know. Thank you.

Sincerely,



Linda Dunaway  
Director of Imaging Services  
(816) 698-7132

## Gryglak, Magdalena

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**From:** Dunaway Linda <linda.Dunaway@hcamidwest.com>  
**Sent:** Tuesday, April 24, 2018 11:36 AM  
**To:** Gryglak, Magdalena  
**Subject:** [External\_Sender] Re:NRC license no. 24-18655-01 Amendment request to authorize PET material  
**Attachments:** Signed letter 4242018.pdf

Ms. Gryglak,

I have attached a signed letter containing the additional information you requested below. Please let me know if you have any other questions or need more information. Thank you.

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**From:** Gryglak, Magdalena <Magdalena.Gryglak@nrc.gov>  
**Sent:** Wednesday, April 18, 2018 10:03 AM  
**To:** Dunaway Linda <linda.Dunaway@hcamidwest.com>  
**Subject:** {EXTERNAL} NRC license no. 24-18655-01 Amendment request to authorize PET material

Good morning Ms. Dunaway,

I am following up with an email after I left a voice mail on your phone regarding your amendment request to add PET material to the subject license. After review of your request dated March 21, 2018 to NRC license no. 24-18655-01 (Centerpoint Medical Center), and after discussing the request with you last week, I noted that additional information is needed to complete my review. Please provide a signed and dated letter documenting the following:

- 1) the radioisotopes to be used;
- 2) the device/system, the manufacturer, model number;
- 3) the maximum dosage per patient;
- 4) the maximum number of patients per week;
- 5) the treatment/scan time per patient.

Please submit the requested information in a signed and dated letter by April 30, 2018. You can submit the information as a pdf attachment via email to [Magdalena.Gryglak@nrc.gov](mailto:Magdalena.Gryglak@nrc.gov).

If you have any questions, please contact me at 630-829-9875 or via email.

Sincerely,

Magdalena Gryglak  
U.S. NRC Region III  
630-829-9875