

**From:** [Gallagher, Robert](#)  
**To:** [Dra. Elba Orduña Acúm](#)  
**Cc:** [David Rhoé](#)  
**Subject:** Request for Additional Information - Control No. 612556  
**Date:** Monday, August 05, 2019 1:55:31 PM  
**Attachments:** [image001.png](#)  
**Importance:** High

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License No. 52-25531-01  
Docket No. 03035451  
Control No. 612556

Dr. Elba Orduna Acum,

Thank you for the information you provided below, however your response to my question number 3 does not answer my question. When we add the Carolina facility as a location of use on your NRC license we will be authorizing use of PET materials there and we must be assured that adequate protections are in place to ensure doses to patients, staff and members of the public are within regulatory limits. Please provide detailed descriptions of the PET facilities as requested in my earlier request for additional information:

- a. The shielding for the dose storage, dose preparation, waste storage, and radiopharmaceutical administration areas; and information about the type, dimensions, thickness, and density of any shielding that you will use;
- b. The areas surrounding your areas of use, including on the same level and above and below (this should include designation of exterior walls);
- c. Shielding calculations for imaging and quiet rooms, and the dose rates in the areas above and below your PET areas of use; and
- d. In addition, please confirm that the dose calibrator will be shielded for PET radioisotopes.

We will continue our review of your request upon receipt of this information.

Regards,

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