

From: [Gryglak, Magdalena](#)
To: ["pbyrne@mpcphysics.com"](mailto:pbyrne@mpcphysics.com)
Subject: Request to add a location of use, NRC license no. 13-32194-01, Center for Diagnostic Imaging, Control no. 618411
Date: Friday, April 17, 2020 11:00:00 AM

Mr. Byrne,

I reviewed the licensee's request dated March 18, 2020 to add a location of use to the subject license. In a signed (by management) and dated letter, please provide additional information. Specifically, please provide a facility diagram for the location of use in accordance with guidance in NUREG 1556, Volume 9, Revision 3, Section 8.9.1:

- a. Indicate the address on the diagram;
- b. Provide the dimensions/scale for the areas/rooms where material will be used; indicate the direction of north;
- c. Describe areas/rooms where radioactive material will be used (e.g. stress room, gamma camera room, treadmill room, injection room etc.);
- d. Describe adjacent areas/rooms to the areas where radioactive material will be used (e.g. hallways, outside/exterior/ labs/ lounge/office etc.);
- e. Describe the area/s above and below areas/rooms where radioactive material will be used;
- f. Describe/label details such as sinks, material receipt area, material storage area, dose calibrator, waste storage etc.;
- g. Describe measures to secure radioactive material (e.g. describe or label locked door, locked lead container etc.)
- h. Confirm that no Positron Emission Tomography (PET) material will be used;
- i. If PET material will be used, provide a facility diagram indicating restricted and unrestricted areas and provide an evaluation demonstrating that the dose levels in all directions from the radioactive source in adjacent rooms will not exceed Title 10 Code of Federal Regulations (CFR) Part 20 dose limits.
- j. For 10 CFR 35.300 material, please confirm that patients will be released in accordance with 10 CFR 35.75 requirements. If the licensee will have in-patient rooms (patients will be hospitalized after injection of 10 CFR 35.300 material), please provide a diagram of the in-patient rooms and adjacent areas/rooms indicating restricted and unrestricted areas and provide an evaluation demonstrating that the dose levels in all directions from the patient in the adjacent rooms will not exceed 10 CFR Part 20 dose limits.

Please provide your response by May 8, 2020. You may submit your response directly to me via email.

Please let me know if you have any questions.

Sincerely,

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