



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

February 16, 2024

Lawrence Ricci, D.O.  
Radiation Safety Officer  
University Health Truman Medical Center  
2301 Holmes St.  
Kansas City, MO 64108

Dear Dr. Ricci:

We have reviewed the licensee's request dated December 8, 2023, to renew its U.S. Nuclear Regulatory Commission (NRC) Material License No. 24-25816-01 for University Health Truman Medical Center.

Based on our review of the information, we have identified that additional information is needed to proceed with the renewal process. Please refer to NUREG 1556, Volume 9, Revision 3, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Medical Use Licenses," which is accessible at <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v9/index.html>, for guidance when preparing your response.

In a signed by management and dated letter, please provide the following information by March 16, 2024:

1. Clarify whether the licensee's name is to be retained as University Health Truman Medical Center.
2. Confirm that the sealed sources used for calibration, transmission, and reference do not exceed quantities of material in Title 10 *Code of Federal Regulations* (CFR) 35.65(a) and 35.65(b).
3. Confirm that Positron Emission Tomography (PET) material is not used.
4. Provide a diagram of your Nuclear Medicine Department (rooms H2-C24, H2-C22A, H2-C20, H2-C27B) illustrating the rooms, adjacent areas, scale/dimensions, and the equipment in the hot lab (the fifth-floor diagram was provided twice in your original license renewal submission)
5. Specify room dimensions for H5-CO1, H5-CO2, and Nuclear Holding in the Cardiology Department. Describe the purpose of the Nuclear Holding room/area (e.g. waste room).

6. Resubmit the diagram for the inpatient I-131 therapy rooms, H4-B04 and H4-B06 indicating the following:
  - adjacent areas/rooms.
  - scale/dimensions.
  - indicate restricted and unrestricted areas.
  - indicate occupancy factors for all adjacent rooms including above and below.
  - indicate distances between the source/patient and the adjacent rooms.
  - indicate the type and thickness of the shielding material.
  
7. Provide an evaluation (or a survey) demonstrating that the dose rates in the adjacent rooms do not exceed 10 CFR Part 20 dose limits for members of the public and radiation workers when patients are present in the I-131 therapy rooms. Explain assumptions, equations, parameters, constants, etc.

In accordance with 10 CFR 2.390, a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from ADAMS, accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

Magdalena R. Gryglak  
Health Physicist  
Materials Licensing Branch

License No. 24-25816-01  
Docket No. 030-30130