



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

December 8, 2020

Adam Miller, C.N.M.T.
Radiation Safety Officer
Harrison County Hospital
1141 Hospital Dr. N.W.
Corydon, IN 47112

Dear Mr. Miller:

We have reviewed the licensee's request dated November 3, 2020, to renew its U.S. Nuclear Regulatory Commission (NRC) Material License No. 13-23555-01 for Harrison County Hospital. We have identified that additional information is needed to proceed with the renewal process. Please review the applicable NRC guidance, NUREG 1556, Volume 9, "Program-Specific Guidance About Medical Use Licenses", Revision 3. The guidance is available at <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v9/>.

In a signed by management and dated letter, please provide the following information by January 29, 2021:

- a) Please resubmit the diagrams with individual rooms and indicate the address, the scale/dimensions and the direction of north;
- b) Please indicate material receipt area, material storage and waste storage within Room 1451;
- c) Please describe/illustrate adjacent areas, as well as areas/rooms above and below rooms 1451, 1455, and 1556;
- d) Please describe/illustrate security measures to protect radioactive material during storage and use (e.g. locked doors, locked containers, etc.);
- e) Confirm that no Positron Emission Tomography (PET) material will be used;
- f) If PET material will be used at the facility, please provide detailed facility diagram indicating restricted and unrestricted areas, occupancy factors for all adjacent rooms including above and below, distances between the source and the adjacent rooms, the type and thickness of the shielding material. Also, please 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;

- g) For 10 CFR 35.300 material use, please confirm that patients will be released in accordance with 10 CFR 35.75 requirements. If you will have in-patient rooms (patients will be hospitalized after injection), please provide a diagram of the in-patient rooms and adjacent areas/rooms indicating restricted and unrestricted areas, occupancy factors for all adjacent rooms including above and below, distances between the patient and the adjacent rooms, and the type and thickness of the shielding material. Also, please provide an evaluation demonstrating that the dose levels in all directions from the patient in the adjacent rooms will not exceed 10 CFR 35.75 dose limits.

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. 13-23555-01
Docket No. 030-28886