



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2056 WESTINGS AVENUE, SUITE 400
NAPERVILLE, IL 60563-2657

July 17, 2026

Jason G. Parker, PhD, DABR, Radiation Safety
Officer
Chief, Medical Imaging Physics
Indiana University Health Bloomington Hospital
714 N Senate Ave.
Ste. 100
Indianapolis, IN 46202

SUBJECT: AMENDMENT NO. 90 TO RADIOACTIVE MATERIALS LICENSE FOR INDIANA
UNIVERSITY HEALTH BLOOMINGTON HOSPITAL, NRC LICENSE
NO. 13-10408-02, CN 659961

Dear Dr. Parker:

Enclosed is Amendment No. 90 to Indiana University Health Bloomington Hospital's (your) U.S. Nuclear Regulatory Commission (NRC) Materials License No. 13-10408-02, in accordance with your July 10, 2026, letter, requesting to add an authorization for the medical use of yttrium-90 (Y-90) microspheres as SIR-Spheres, as permitted under Title 10 of the *Code of Federal Regulations* (10 CFR) Section 35.1000. Your letter is available electronically from the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. ML26194A067. The NRC's ADAMS is accessible from the NRC Web site at <https://www.nrc.gov/reading-rm/adams.html>.

Please note that the approvals of Authorized Users (AUs) William Janika Brackett, MD, and Abner Emilio Mercado Arocho, MD, for the medical use of yttrium-90 as Sir-Spheres, as permitted by 10 CFR 35.1000, are based on your commitments that:

- (1) Each physician will complete at least three hands-on patient cases in the physical presence of an individual fully authorized for the 10 CFR 35.1000 use of yttrium-90 as SIR-spheres, within 1 year of the enclosed license amendment; and
- (2) Within 60 days of each AU's completion of the three supervised hands-on cases, you will notify our office in writing, providing documentation confirming those cases.

Please review the enclosed document carefully, and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. NRC Region III Office at 630-829-9892 so that we may provide appropriate corrections and answers.

An environmental assessment for this action is not required because this action is categorically excluded under 10 CFR 51.22(a)(10).

The enclosed document contains sensitive security-related information.
When separated from this cover letter this letter is uncontrolled.

J. Parker

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NRC's Regulatory Issue Summary (RIS) RIS 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through NRC's ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390 of the NRC's "Rules of Practice and Procedure," the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability.

The RIS may be located on the NRC's Generic Communications Web page under "Regulatory Issue Summaries" at <https://www.nrc.gov/reading-rm/doc-collections/gen-comm/>, and the link for frequently asked questions regarding protection of security-related sensitive information may be located at <https://www.nrc.gov/reading-rm/sensitive-info/faq.html>. A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's ADAMS.

Sincerely,

**SARA
FORSTER**

Digitally signed by SARA
FORSTER

Date: 2026.07.17
11:53:29 -05'00'

Sara A. Forster, MS
Senior Health Physicist
Inspection and Licensing Branch 2
Division of Federal Materials Programs
Office of Nuclear Materials Safety and
Safeguards

Docket No.: 030-01644
License No.: 13-10408-02

Control No.: 659961

Enclosure: Amendment No. 90 to NRC
License No. 13-10408-02

cc: Bruce Riley, BSRT(R), Radiology
Manager, briley1@iuhealth.org