

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 82

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

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| <p style="text-align: center;">Licensee</p> <p>1. Diagnostic Health Services</p> <p>2. 2025-A Broadway Street<br/>P.O. Box 1565<br/>Mt. Vernon, IL 62864</p> | <p>In accordance with letter dated <b>August 24, 2015,</b></p> <p>3. License number 12-13568-02 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date April 30, 2023</p> <hr/> <p>5. Docket No. 030-14235<br/>Reference No.</p> |
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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> |
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9. Authorized use:

A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.

B. Any imaging and localization study permitted by 10 CFR 35.200.

CONDITIONS

10. A. Licensed material may be used and stored at the following locations:

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| <p>St. Mary's Warrick Hospital<br/>1116 Millis Avenue<br/>Boonville, Indiana</p>       | <p>Union Hospital Clinton<br/>801 South Main Street<br/>Clinton, Indiana</p> |
| <p>Sullivan Community Hospital<br/>2200 North Section Street<br/>Sullivan, Indiana</p> |  |

B. The licensed material may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

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If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. The Radiation Safety Officer for this license is Bruce W. Hammond, CRA, CNMT, CHA.
12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical use as indicated:

| <u>Authorized Users</u>      | <u>Material and Use</u>   |
|------------------------------|---------------------------|
| Thomas G. Armbuster, M.D.    | 10 CFR 35.100 and 35.200. |
| Jonathon Berger, M.D.        | 10 CFR 35.100 and 35.200. |
| Diane D. Daly, M.D.          | 10 CFR 35.100 and 35.200. |
| Steven Hossler, M.D.         | 10 CFR 35.100 and 35.200. |
| John Paslich, M.D.           | 10 CFR 35.100 and 35.200. |
| Stephen R. Phillip, M.D.     | 10 CFR 35.100 and 35.200. |
| James M. Rausch, M.D.        | 10 CFR 35.100 and 35.200. |
| Donald R. Sugarman, M.D.     | 10 CFR 35.100 and 35.200. |
| Marc Thomas, M.D.            | 10 CFR 35.100 and 35.200. |
| Frederick N. Vandeman, M.D.  | 10 CFR 35.100 and 35.200. |
| Marvin D. Walker, D.O.       | 10 CFR 35.100 and 35.200. |
| John Rock, M.D.              | 10 CFR 35.100 and 35.200. |
| Rik Stephens, M.D.           | 10 CFR 35.100 and 35.200. |
| James C. Wehrenberg, M.D.    | 10 CFR 35.100 and 35.200. |
| James A. Arata, M.D.         | 10 CFR 35.100 and 35.200. |
| David B. Janizek, M.D.       | 10 CFR 35.100 and 35.200. |
| Christine Anne Tremper, M.D. | 10 CFR 35.100 and 35.200. |
| Cindy Cassey, M.D.           | 10 CFR 35.100 and 35.200. |

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| Phillip R. Dawkins, M.D.    | 10 CFR 35.100 and 35.200. |
| Timothy M. McGlure, M.D.    | 10 CFR 35.100 and 35.200. |
| Jerrold Willis, M.D.        | 10 CFR 35.100 and 35.200. |
| Amolak Singh, M.D.          | 10 CFR 35.100 and 35.200. |
| Terry Elwing, M.D.          | 10 CFR 35.100 and 35.200. |
| Mark Andrew James, M.D.     | 10 CFR 35.100 and 35.200. |
| Randall J. Phillips, M.D.   | 10 CFR 35.100 and 35.200. |
| Mary L. Fischer, M.D.       | 10 CFR 35.100 and 35.200. |
| David A. Lee, M.D.          | 10 CFR 35.100 and 35.200. |
| James Vesely, M.D.          | 10 CFR 35.100 and 35.200. |
| David Powell, M.D.          | 10 CFR 35.100 and 35.200. |
| William Petty, M.D.         | 10 CFR 35.100 and 35.200. |
| Thomas Hicks, M.D.          | 10 CFR 35.100 and 35.200. |
| Paula George, M.D.          | 10 CFR 35.100 and 35.200. |
| William E. Lehmkuhler, M.D. | 10 CFR 35.100 and 35.200. |
| Steven Becker, M.D.         | 10 CFR 35.100 and 35.200. |
| Robert A. Vogt, M.D.        | 10 CFR 35.100 and 35.200. |
| Scott Patterson, M.D.       | 10 CFR 35.100 and 35.200. |
| Brett A. Hagedorn, M.D.     | 10 CFR 35.100 and 35.200. |
| Nawaar Mercho, M.D.         | 10 CFR 35.100 and 35.200. |
| George Bittar, M.D.         | 10 CFR 35.100 and 35.200. |
| Bob F. Klingelheber, M.D.   | 10 CFR 35.100 and 35.200. |
| James Francis Smith, M.D.   | 10 CFR 35.100 and 35.200. |
| James D. Wright, M.D.       | 10 CFR 35.100 and 35.200. |
| Merlyn D. Gibson, M.D.      | 10 CFR 35.100 and 35.200. |
| Alan E. Hillard, M.D.       | 10 CFR 35.100 and 35.200. |
| Michael A. Wohlberg, M.D.   | 10 CFR 35.100 and 35.200. |

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| Michael E. Parker, M.D.     | 10 CFR 35.100 and 35.200. |
| Michael W. Tanksly, M.D.    | 10 CFR 35.100 and 35.200. |
| Andre B. Stowall, M.D.      | 10 CFR 35.100 and 35.200. |
| Pamela Lee Strange, M.D.    | 10 CFR 35.100 and 35.200. |
| John R. Kim, M.D.           | 10 CFR 35.100 and 35.200. |
| Michael A. Kinzer, M.D.     | 10 CFR 35.100 and 35.200. |
| Greg R. Mattison, M.D.      | 10 CFR 35.100 and 35.200. |
| Kelly D. Ferrel, M.D.       | 10 CFR 35.100 and 35.200. |
| Sanjiv Makhecha, D.O.       | 10 CFR 35.100 and 35.200. |
| Michael R. Brown, M.D.      | 10 CFR 35.100 and 35.200. |
| Neal R. Meyer, M.D.         | 10 CFR 35.100 and 35.200. |
| Vedala Ranganath, M.D.      | 10 CFR 35.100 and 35.200. |
| Srinivasarao Malyala, M.D.  | 10 CFR 35.100 and 35.200. |
| Aimee L. Hawley, M.D.       | 10 CFR 35.100 and 35.200. |
| Thomas William Church, M.D. | 10 CFR 35.100 and 35.200. |
| John Phillip Cox, M.D.      | 10 CFR 35.100 and 35.200. |
| Alphonso Gay, Jr., M.D.     | 10 CFR 35.100 and 35.200. |
| Patricia L. McCutchan, M.D. | 10 CFR 35.100 and 35.200. |
| Eric Von Bostick, M.D.      | 10 CFR 35.100 and 35.200. |
| Tom Xiaollu Tan, M.D.       | 10 CFR 35.100 and 35.200. |
| Andrew Cook, M.D.           | 10 CFR 35.100 and 35.200. |
| Pavan K. Panukollu, M.D.    | 10 CFR 35.100 and 35.200. |
| Lisa J. Lee, M.D.           | 10 CFR 35.100 and 35.200. |
| Rolan J. Bingham, M.D.      | 10 CFR 35.100 and 35.200. |
| Gerald J. Longa, M.D.       | 10 CFR 35.100 and 35.200. |
| M. Bashar Kashlan, M.D.     | 10 CFR 35.100 and 35.200. |
| Dennis J. Cavanaugh, M.D.   | 10 CFR 35.100 and 35.200. |

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|                             |                           |
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| Rasiklal Ganatra, M.D.      | 10 CFR 35.100 and 35.200. |
| John F. Maesaka, M.D.       | 10 CFR 35.100 and 35.200. |
| Jamie M. Sheperd, M.D.      | 10 CFR 35.100 and 35.200. |
| Robert L. Gray, Sr., M.D.   | 10 CFR 35.100 and 35.200. |
| Shilpa Kashyap, M.D.        | 10 CFR 35.100 and 35.200. |
| Himmat T. Shah, MB, BS.     | 10 CFR 35.100 and 35.200. |
| Faisal Abdus Sami, M.D.     | 10 CFR 35.100 and 35.200. |
| Ejaz Shamim, M.D.           | 10 CFR 35.100 and 35.200. |
| James F. Rold, M.D.         | 10 CFR 35.100 and 35.200. |
| John R. Bies, M.D.          | 10 CFR 35.100 and 35.200. |
| Frank Yackovich, M.D.       | 10 CFR 35.100 and 35.200. |
| Julian J. Javier, M.D.      | 10 CFR 35.100 and 35.200. |
| George A. Spencer, M.D.     | 10 CFR 35.100 and 35.200. |
| Vipal B. Shah, M.D.         | 10 CFR 35.100 and 35.200. |
| Thomas E. Schultheis, M.D.  | 10 CFR 35.100 and 35.200. |
| Ralph A. Sellers, M.D.      | 10 CFR 35.100 and 35.200. |
| Killol J. Thakore, M.D.     | 10 CFR 35.100 and 35.200. |
| Jeffrey B. Hemmerlein, M.D. | 10 CFR 35.100 and 35.200. |
| James D. McDaniel, M.D.     | 10 CFR 35.100 and 35.200. |
| Umang M. Patel, M.D.        | 10 CFR 35.100 and 35.200. |
| Phillip Behrens, M.D.       | 10 CFR 35.100 and 35.200. |
| Asim Rehman, M.D.           | 10 CFR 35.100 and 35.200. |
| David Curtis, M.D.          | 10 CFR 35.100 and 35.200. |
| John L. Bormann, M.D.       | 10 CFR 35.100 and 35.200. |
| Andre Byard Stovall, M.D.   | 10 CFR 35.100 and 35.200. |
| Shawn Johnson, M.D.         | 10 CFR 35.100 and 35.200. |
| Joseph B. Lee, D.O.         | 10 CFR 35.100 and 35.200. |

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13. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated September 27, 2012;
- B. Letters dated March 15, 2013, July 9, 2013, July 19, 2013 (close out surveys only), July 22, 2013, July 8, 2015, and **August 24, 2015**; and
- C. Facsimile letter received May 7, 2013.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date           AUG 28 2015          By           Frank P. D. Tran            
Frank P. D. Tran  
Materials Licensing Branch  
Region III