

(09-11-2024)
10 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40



APPLICATION FOR MATERIALS LICENSE

APPROVED BY OMB: NO. 3150-0120

EXPIRES DATE: 07/31/2026

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollects.Resource@nrc.gov, and the OMB Reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0120), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>, SEND ONE COPY OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW OR ONLINE at <https://www.nrc.gov/security/byproduct/ismp/wbl.html>

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY AND LICENSING BRANCH
DIVISION OF MATERIALS SAFETY, SECURITY, STATE AND TRIBAL PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
11555 ROCKVILLE PIKE,
ROCKVILLE, MD 20852-2738

*Note: The preferred method to submit NRC Form 313 is online at <https://www.nrc.gov/security/byproduct/ismp/wbl.html> or via email at LBLicensingAssistant.Resource@nrc.gov. Any other document (e.g. financial assurance documents) should be sent via mail.

ALL OTHER PERSONS FILE APPLICATION AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,

SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF RADIOLOGICAL SAFETY AND SECURITY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD, SUITE 102
KING OF PRUSSIA, PA 19406-1415

*Note: The preferred method to submit NRC Form 313 is online at <https://www.nrc.gov/security/byproduct/ismp/wbl.html> or via email at R1DRSSMail.Resource@nrc.gov. Any other document (e.g., financial assurance documents) should be sent via mail.

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
DIVISION OF RADIOLOGICAL SAFETY AND SECURITY
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2056 WESTINGS AVENUE, SUITE 400
NAPERVILLE, IL 60563-2657

*Note: The preferred method to submit NRC Form 313 is online at <https://www.nrc.gov/security/byproduct/ismp/wbl.html> or via email at R3-DRSSMAIL.Resource@nrc.gov. Any other document (e.g., financial assurance documents) should be sent via mail.

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING,

SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
DIVISION OF RADIOLOGICAL SAFETY AND SECURITY
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

*Note: The preferred method to submit NRC Form 313 is online at <https://www.nrc.gov/security/byproduct/ismp/wbl.html> or via email at R4licensing@nrc.gov. Any other document (e.g., financial assurance documents) should be sent via mail.

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
- ☒ B. AMENDMENT TO LICENSE NUMBER 24-18988-01
- ☐ C. RENEWAL OF LICENSE NUMBER

2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)

Hannibal Regional Hospital
6000 Hospital Dr.
Hannibal, Missouri 63401

3. LIST ADDRESS AND/OR TEMPORARY JOB SITE (TJS) ADDRESS, WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

6000 Hospital Dr.
Hannibal, Missouri 63401
United States of America

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Jennifer Akers

BUSINESS TELEPHONE NUMBER

573-248-5312

BUSINESS CELLULAR TELEPHONE NUMBER

573-248-5300 (main)

BUSINESS E-MAIL ADDRESS

jennifer.akers@hannibalregional.org

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE APPLICABLE [LICENSING GUIDANCE](#)

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications at time of application submission, with few exceptions*)

(See 10 CFR 170 and Section 170.31)

*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

FEE
CATEGORY

AMOUNT
(to be paid via
www.pay.gov)

\$

PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html> FAX THE COMPLETED NRC FORM 531 TO (301) 415-6725.

13 CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

Jennifer Akers

SIGNATURE

DocuSigned by:
Jennifer Akers
3ABFD3A05D12424...

DATE

4/28/2026

Applicant / Licensee Name: Hannibal Regional Hospital

License No: 24-18988-01

3. Address(es) where Licensed Materials will be Used or Possessed

6000 Hospital Dr., Hannibal, MO 63401 United States of America

5. Radioactive Material and 6. Purpose(s) for which Licensed Material will be Used

	<i>Element & Mass No.</i>	<i>Chemical and/ or Physical Form</i>	<i>Any Amount</i>	<i>Maximum Amount</i>	<i>Material Unit</i>	<i>Purpose(s) of Use</i>
1	10 CFR 35.100	Any	Yes			For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.
2	10 CFR 35.200	Any	Yes			For use in imaging and localization studies permitted by 10 CFR 35.200.
3	10 CFR 35.300	Any	No	500.000000000	mCi	For any use permitted by 10 CFR 35.300.

7. Individual(s) Responsible for Radiation Safety Program and their Training and Experience

<i>Role</i>	<i>Individual</i>	<i>Training and Experience</i>
Radiation Safety Officer	Timothy R. Keys, M.S., DABR	Attended all required courses and attained needed certifications.
Authorized User	Maen Al Dabbas, M.D.	Attended all required courses and attained needed certifications.
Authorized User	Joseph Bean, M.D.	Attended all required courses and attained needed certifications.
Authorized User	Lance W. Dorsey, M.D.	Attended all required courses and attained needed certifications.
Authorized User	Blake M. Kramer, D.O.	Attended all required courses and attained needed certifications.
Authorized User	John Henry Schlepphorst, D.O.	Attended all required courses and attained needed certifications.
Authorized User	Joshua Steven Tochtrop, D.O.	Attended all required courses and attained needed certifications.

Note: All other required application form information has been provided via online attachments to the application record.

Attachments Included

- Attachment A Mean Al Dabbas: Certification Board o (Attachment A AlDabbas CBNC.pdf)
- Letter requesting addition of AU Mean Al Dabbas to (HRH Letter to NRC for addition of AU Al-Dabbas.pdf)

Applicant / Licensee Name: Hannibal Regional Hospital

License No: 24-18988-01

Section 7. Individual(s) Responsible for Radiation Safety Program and their Training and Experience

Added	Authorized User	Maen Al Dabbas, M.D.
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Certification Board of Nuclear Cardiology

Incorporated 1996

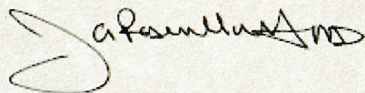
Part of the Alliance for Physician Certification & Advancement™ Medical Specialty Boards and Certification programs

Certifies That

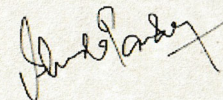
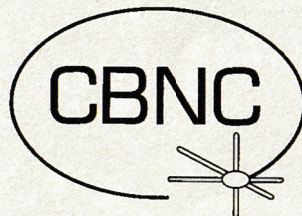
Maen Al Dabbas

HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS BOARD FOR PHYSICIANS
TRAINED IN THE UNITED STATES AND HAVING SATISFACTORILY PASSED
THE REQUIRED EXAMINATION, IS HEREBY DESIGNATED
A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF
NUCLEAR CARDIOLOGY

VALID: JANUARY 1, 2022 - MARCH 1, 2032



Chairman



Vice-Chairman



CERTIFICATE NUMBER: 278464



Hannibal Regional
Healthcare System

GUIDING YOU TO
BETTER

April 28, 2026

USNRC, Region III
Nuclear Materials Licensing Section
2056 Westings Ave Suite 400
Naperville, Illinois 60563-2657

Re: Addition of Authorized Users, NRC License 24-18988-01

To whom it may concern:

We wish to notify you of the following request for change to the Hannibal Regional Hospital NRC license number 24-18988-01:

- 1) We are requesting the addition of Maen Al-Dabbas, MD as an Authorized User to the license for 10 CFR 35, 200.

Attachment A: Certification Board of Nuclear Cardiology

If you have any questions concerning this request, please contact me at 314-799-4243 (cell), or by email at Keys@medphys-stl.com.

Sincerely,

Timothy R Keys MS DABR
Certified Diagnostic Medical Physicist
Radiation Safety Officer
Hannibal Regional Hospital

Martha Pavon

From: Tammy Tomczak
Sent: Tuesday, April 28, 2026 9:40 AM
To: Martha Pavon
Cc: Sandy Pavon
Subject: FW: Hannibal Regional Hospital, Amendment of License # 24-18988-01, Request ID # 77
Attachments: Request_77_Forms313Application.pdf

Hi again, Martha 😊

Can you please add the attached to ADAMS?

Thank you!!
Tammy

From: donotreply@wbl.nrc-gateway.gov <donotreply@wbl.nrc-gateway.gov>
Sent: Tuesday, April 28, 2026 9:17 AM
To: R3-DRSSMail Resource <R3-DRSSMail.Resource@nrc.gov>
Subject: [External_Sender] Hannibal Regional Hospital, Amendment of License # 24-18988-01, Request ID # 77

SUBJECT: Hannibal Regional Hospital, Amendment of License # 24-18988-01, Request ID # 77

Received: 04/28/2026 09:21:31 AM

From: Jennifer Akers
6000 Hospital Dr.
Hannibal, Missouri 63401
United States of America

VIA: Automated Form 313 Application