



MedStar Georgetown University Hospital

3800 Reservoir Rd NW
Washington, DC 20007
202-444-4637 PHONE
202-4440069 FAX

Matthew Williams
Director of Radiation Safety
MedStar Georgetown University Hospital

March 8, 2021

ATTN: Ms. Robin Elliott
Health Physicist – Medical branch
U.S. Nuclear Regulatory Commission, Region I
2100 Renaissance Blvd., Suite 100
King of Prussia, PA 19406-2713

Subject: MEDSTAR GEORGETOWN MEDICAL CENTER REQUEST FOR AMDENMENT TO NRC MATERIALS LICENSE

Reference: NRC License 08-30577-01

This request is to amend NRC Materials License 08-30577-01. MedStar Georgetown Medical Center (MGMC) is requesting an amendment on license to include:

6. Byproduct, source, and/or special nuclear materials	7. Chemical and/or physical form	8. Maximum amount that license may possess at any one time under this license	9. Authorized Use
Tc -99m	Any	1.2 Curies total	For use in medical diagnosis, therapy, and research in humans. Research and development as defined in 10 CFR 30.4, including animal studies; instrument calibration; student instruction; and in-vitro studies.

For the amendment 30 request (dated April 15, 2020, Docket No. 030-35509) MGMC increased the limit of I-131 to 2 Ci.

MGMC would like to increase of maximum activity of Tc-99 from 1Ci to 1.2Ci to allow linearity evaluation of our dose calibrators for the potential 1.03 Ci maximum dose prescribed.

Sincerely,

Matthew Williams,
Director of Radiation Safety
MedStar Georgetown University Hospital

(01-2020)
10 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40



APPLICATION FOR MATERIALS LICENSE

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 Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

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/rs1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS 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 NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

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:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

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.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>08-30577-01</u></p> <p><input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____</p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)</p> <p>MedStar Georgetown Medical Center Inc. D/B/A MedStar Georgetown University Hospital 3800 Reservoir Rd. 3800 Reservoir Rd. Washington DC 20007</p>
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<p>3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED</p> <p>3800 Reservoir Rd. 3800 Reservoir Rd. Washington DC 20007</p>	<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>Matthew Williams</p> <table border="1"> <tr> <td>BUSINESS TELEPHONE NUMBER</td> <td>BUSINESS CELLULAR TELEPHONE NUMBER</td> </tr> <tr> <td>202-444-4637</td> <td>404-803-0179</td> </tr> </table> <p>BUSINESS E-MAIL ADDRESS</p> <p>Matthew.H.Williams@GUNet.Georgetown.edu</p>	BUSINESS TELEPHONE NUMBER	BUSINESS CELLULAR TELEPHONE NUMBER	202-444-4637	404-803-0179
BUSINESS TELEPHONE NUMBER	BUSINESS CELLULAR TELEPHONE NUMBER				
202-444-4637	404-803-0179				

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 LICENSE APPLICATION GUIDE.

<p>5. RADIOACTIVE MATERIAL</p> <p>a. Element and mass number, b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.</p>	<p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</p>				
<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</p>	<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.</p>				
<p>10. RADIATION SAFETY PROGRAM.</p>	<p>9. FACILITIES AND EQUIPMENT.</p>				
<p>12. LICENSE FEES (Fees required only for new applications, 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.</p>	<table border="1"> <tr> <td>FEE CATEGORY</td> <td>AMOUNT ENCLOSED \$</td> </tr> <tr> <td></td> <td></td> </tr> </table>	FEE CATEGORY	AMOUNT ENCLOSED \$		
FEE CATEGORY	AMOUNT ENCLOSED \$				

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: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>.

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.

<p>CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE</p> <p>Matthew Williams, Director of Radiation Safety</p>	<p>SIGNATURE</p> 	<p>DATE</p> <p>3/8/21</p>
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FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

From: [Elliott, Robin](#)
To: [R1LAT RESOURCE](#)
Cc: [Lanzisera, Penny](#)
Subject: FW: Amendment to NRC License 08-30577-01
Date: Thursday, April 1, 2021 8:58:14 AM
Attachments: [image001.png](#)
[NRC 313 - Tc99 Increase.pdf](#)
[NRC Amendment- Tc99 Increase.docx](#)

Please control this as an amendment and assign to me. If possible, please add sooner rather than later since I lost track of this and it was actually sent in March 8th. I didn't see it in ADAMS or assigned, which I don't understand because if it was mailed on the 8th seems like we should have received it by now.

Thanks,
Robin

From: Williams, Matthew H <Matthew.H.Williams@gunet.georgetown.edu>
Sent: Monday, March 08, 2021 12:56 PM
To: Elliott, Robin <Robin.Elliott@nrc.gov>
Cc: Jones, Angela M <Angela.M.Jones@gunet.georgetown.edu>
Subject: [External_Sender] Amendment to NRC License 08-30577-01

Hello Mrs. Elliot,

MedStar Georgetown Medical Center Inc. D/B/A MedStar Georgetown University Hospital (MGUH) would like to amend our NRC 08-30577-01 license to increase the maximum activity of Tc-99m to 1.2 Ci. This increased activity is to allow linearity evaluation of our dose calibrator to the new potential max of 1030 mCi I131. Please find attached our request and NRC 313 form.

If you have any questions or concerns please feel free to contact me.

I have also mailed the amendment to the License Assistance Team. However, with COVID19 restriction I was not aware how quickly mail would be processed or provided to the NRC team, so I thought it best to email as well.

Cheers,

Matt

Matthew H. Williams
Director, Radiation Safety and Diagnostic Medical Physics
Professor of Radiology, Department of Medical Physics
MedStar Georgetown University Hospital
(Office) 202-444-4637
(Pager) 202-405-5862

MGUH Logo



MedStar Health is a not-for-profit, integrated healthcare delivery system, the largest in Maryland and the Washington, D.C., region. Nationally recognized for clinical quality in heart, orthopedics, cancer and GI.

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Help conserve valuable resources - only print this email if necessary.