



CANCER INSTITUTE

Wayne State University

July 08, 2025

U.S. Nuclear Regulatory Commission, Region III
Materials Licensing Branch
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Subject: Amendment request to expand condition 10.B of License No. 21-04127-06

Dear Reviewer,

We are requesting this amendment to **expand condition 10.B of our license to include diagnostic radiopharmaceuticals under 10 CFR 35.200**

Currently, NRC recognizes the Karmanos/Harper Joint Operating Agreement (attached) that allows Karmanos physicians to administer some materials at Harper Hospital (*but under Karmanos's license*); however, these are currently limited by Condition 10.B to 35.400 and 35.1000 materials.

In support of this new request, I am attaching both the newly signed addendum, and the original joint operating agreement document dated Oct 6th, 2010, between the two facilities.

If you require any additional details, please feel free to contact me at (313) 576 9613.

Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "N. Mogili".

Nagaraju Mogili, MS DABR
Sr Medical Physicist & RSO

A handwritten signature in black ink, appearing to read "M. Jelich".

Mara Jelich
Executive Director, Radiation Oncology and Imaging
Karmanos Cancer Center
4100 John R St.
Mail Code GE00RO
Detroit, MI 48201



CANCER INSTITUTE
Wayne State University

Addendum to
Joint Operating Agreement for Radiation Safety
Harper University Hospital & Karmanos Cancer Center

June 19th, 2025


This document serves as an addendum to include 10 CFR 35.200 radioactive materials to the "Joint Operating Agreement" for radiation safety purposes between Harper University Hospital (HUH) and Karmanos Cancer Center (KCC) (also known as Karmanos Cancer Hospital) dated October 6th, 2010.

This document is developed at the suggestion of the U.S. Nuclear Regulatory Commission (NRC) and is intended to cover instances of radioactive material usage licensed to one entity but used in or on the premises of the other entity.

KCC Usage at HUH

1. We mutually confirm that KCC personnel (i.e., authorized physician users, medical physicists or their delegates) are authorized to use and possess the following radioactive material under Materials License 21-04127-06:
 - Medical Uses of Byproduct Material or Radiation from Byproduct Material under 10 CFR 35.200
2. We mutually confirm that KCC will supply the Radiation Safety Officer (RSO) at HUH with a current copy of all licensures and certificates to confirm authorized use and authorized users.
3. We mutually confirm that the administration of 35.200 byproduct materials or radiation from byproduct materials could require the usage of the operating rooms within HUH.
4. We mutually confirm that KCC personnel (i.e., authorized physician users and / or medical physicists) will be solely responsible for the education of personnel, personnel monitoring, transportation, use, disposal, clean up, lost source recovery and reporting to all regulatory agencies as required, for all uses within HUH.


Tommy Tran
Group Chief Operating Officer, DMC
Harper University Hospital


Brian Gamble
Chief Executive Officer
Karmanos Cancer Center


Joel Rogers
Radiation Safety Officer
Materials License 21-04127-02


Nagaraju Mogili
Radiation Safety Officer
Materials License 21-04127-06



Harper University Hospital
Detroit Medical Center / Wayne State University

Joint Operating Agreement for Radiation Safety
Harper University Hospital
&
Karmanos Cancer Hospital

October 6, 2010

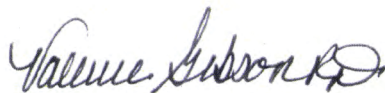
This is a "Joint Operating Agreement" for radiation safety purposes between Harper University Hospital (HUH) and Karmanos Cancer Hospital (KCH). This document is developed at the suggestion of the U.S. Nuclear Regulatory Commission (NRC). It is intended to cover instances of radioactive material usage licensed to one entity but used in or on the premises of the other entity.

A. KCH Usage at HUH

1. We mutually confirm that KCH personnel (i.e., authorized physician users, medical physicists or their delegates) are authorized to use and possess the following radioactive material under Materials License 21-04127-06:
 - Sources for Manual Brachytherapy under 10 CFR 35.400
 - Other Medical Uses of Byproduct Material or Radiation from Byproduct Material under 10 CFR 35.1000
2. We mutually confirm that KCH will supply the Radiation Safety Officer (RSO) at HUH with a current copy of all licensure and certificates to confirm authorized use and authorized users.
3. We mutually confirm that administration of 35.400, 35.1000 byproduct materials or radiation from byproduct materials could require the usage of the operating rooms within HUH.
4. We mutually confirm that KCH personnel (i.e., authorized physician users and / or medical physicists) will be solely responsible for the education of personnel, personnel monitoring, transportation, use, disposal, clean up, lost source recovery and reporting to all regulatory agencies as required, for all uses within HUH.

B. HUH Usage at KCH

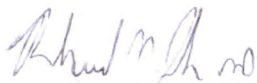
1. We mutually confirm that HUH personnel (i.e., authorized physician users or their delegates) are authorized to use and possess the following radioactive material under Materials License 21-04127-02:
 - Unsealed Byproduct Material under 10 CFR 35.300
 - Other Medical Uses of Byproduct Material or Radiation from Byproduct Material under 10 CFR 35.1000
2. We mutually confirm that HUH will supply the Radiation Safety Officer (RSO) at KCH with a current copy of all licensure and certificates to confirm authorized use and authorized users.
3. We mutually confirm that administration of 35.300 byproduct material or radiation from byproduct material could require the usage of selected patient rooms within KCH.
4. We mutually confirm that HUH personnel (i.e., authorized physician users or their delegates) will be solely responsible for the education of personnel, personnel monitoring, transportation, use, disposal, clean up, lost source recovery and reporting to all regulatory agencies as required, for all uses within KCH.



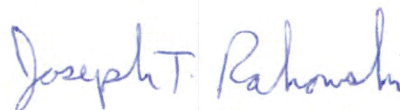
Valerie Gibson, R.N., MSA
Chief Operating Officer
Harper University Hospital



Gary B. Morrison
Chief Operating Officer
Karmanos Cancer Hospital



Richard N. Joyrich, M.D.
Radiation Safety Officer
Materials License 21-04127-02



Joseph Radkowski, Ph.D.
Radiation Safety Officer
Materials License 21-04127-06

Martha Pavon

From: Tammy Tomczak
Sent: Tuesday, July 8, 2025 1:14 PM
To: Martha Pavon
Cc: Sandy Pavon
Subject: FW: Amendment request RAM license # 21-04127-06
Attachments: Amendment Request Harper Joint Agreement - Signed.pdf; 2025 Joint Agreement Addendum - Signed.pdf; KCC - Harper Joint Operating Agreement 100610.pdf

Hi Martha 😊

Can you please add the attached to ADAMS?

Thank you!!
Tammy

From: Mogili, Nagaraju <mogilin@karmanos.org>
Sent: Tuesday, July 8, 2025 12:44 PM
To: Tammy Tomczak <Tammy.Tomczak@nrc.gov>
Subject: [External_Sender] Amendment request RAM license # 21-04127-06

Hi Tammy,

We are requesting an amendment to our RAM license # 21-04127-06 Docket No: 030-09376. Details are furnished in the attached signed letters. Please let me know if you need any other information.

Thank you!

Sincerely,

Nagaraju Mogili, MS., DABR
Senior Medical Physicist & RSO
Karmanos Cancer Institute
4100 John R
GE00RO
Detroit, MI 48201

Office: 313-576-9613
Pager: 313-803-5791
Email: mogilin@karmanos.org

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