

**Radiology**2799 West Grand Boulevard  
Detroit, Mi. 48202**Radiation Safety Office** # (313) 916-7042**Radiation Safety Fax** # (313) 916-7329**Henry Ford Hospital**  
**Henry Ford Medical Group**

# Facsimile Transmittal

<b>To:</b> Loren Hurter	<b>Facility:</b> NPC Region III Licensing
<b>Phone:</b>	<b>Fax:</b> (680) 515-1078
<b>From:</b> Alan M. Jackson	<b>Dept:</b> Radiation Safety Office
<b>Phone:</b> (313) 916-2739	<b>Fax:</b> (313) 916-7329
<b>Pages:</b> 8	<b>Date:</b> 9/27/07

☐ Urgent      ☒ For Review      ☐ Per your request      ☐ Please Reply

**• Comments:**

Control Number 308838

**\*\* Confidentiality Notice \*\***

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## HENRY FORD HOSPITAL &amp; MEDICAL CENTERS

**Radiation Safety Office**

2799 West Grand Blvd., M-3  
Detroit, MI 48202-2689  
(313) 916-7042 Office  
(313) 916-7329 Fax

September 27, 2007

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

(800) 522-3025  
(630) 515-1078 FAX

Mr. Huter:

Thank you for your call. This relates to control number 308838. As we discussed please disregard the submission sent on September 19, 2007 and September 26, 2007 regarding Cottage Hospital. Please substitute this letter instead. The previous documents contained errors.

If you should have any questions regarding this request, please feel free to contact Alan Jackson, MS, CHP at (313) 916-2739.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan Jackson", with a long horizontal flourish extending to the right.

Alan Jackson, MS, CHP  
Senior Health Physicist



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2443 Warrenville Rd. Suite 210  
Lisle, IL 60532-4352

(800) 522-3025  
(630) 829-9782 FAX

Dear Sir or Madam:

I am requesting an amendment to license No. 21-04109-16 for Henry Ford Hospital's broad scope medical license. This amendment request is being made to transfer the Bon Secours Cottage Health Services site from License number 21-16868-01 to license No. 21-04109-16. This is a result of the sale and division of the Bon Secours cottage hospital services. The vast majority of licensed activities under the Bon Secours License number 21-16868-01 will go to the Beaumont Health System. One location of use on the Bon Secours license will become a location of use on the Henry Ford Hospital's broad scope medical license (Bon Secours Cottage Health Services, 159 Kercheval Avenue, Grosse Point Farms, MI 48236). Once this amendment has been completed, the usage of material at this site will be conducted in accordance with Henry Ford Hospital's broad scope medical license commitments.

The license amendment will follow the format suggested by *Guidance About Changes of Control and About Bankruptcy Involving Byproduct, Source, or Special Nuclear Materials Licenses* (NUREG-1556, Vol. 15).

**Items Required by NUREG 1556 Volume 15****5.1 Description of Transaction**

The Cottage Health Services site which will be renamed Henry Ford Cottage Hospital and brought under to license Henry Ford Hospital's broad scope medical license (license No. 21-04109-16). The vast majority of licensed

activities under the Bon Secours License number 21-16868-01 will go to the Beaumont Health System. The current uses at the site are 10 CFR 35.100 and 10 CFR 35.200 uses (uptake, dilution, excretion, imaging and localization studies). No therapy administrations will be performed at the Cottage site and none of the planned uses will require a written directive. Standard sealed sources used to calibrate and test equipment required for these studies will also be needed. The license contacts will become the same as that for Henry Ford Hospital [Alan M. Jackson, MS CHP and Donald Peck, PhD, DABR at (313) 916-2739].

## **5.2 Changes of Personnel**

No new persons will be listed under Henry Ford Hospital's broad scope medical license since the radiation safety committee can approve users.

## **5.3 Changes of Location, Equipment, and Procedures**

Initially, there will not be any changes in location, equipment or procedures at the Cottage site. The existing uses will simply continue. Over time, minor changes will occur, as would happen with any program, but none are currently planned which would require license amendments.

## **5.4 Surveillance Records**

A review of the records was conducted. In general, radiation safety support at this site has been conducted by Laura Smith, MS, DABR of Radiological Physics Consultants. Henry Ford Hospital Radiation Safety staff met with Ms. Smith on 8/20/07 at the Cottage site and conducted a review of the radiological conditions and records at the site. At the time of the review all required surveillance had been performed, documented, and reviewed, including the results. Please note that the contract with Radiological Physics will continue during the transfer stages and will be seamlessly picked up over the 90 day Radiological Physics Consultants contract cancellation period by the Henry Ford Hospital Radiation Safety Office Staff. The records at the site will be maintained in accordance with NRC requirements.

The licensed uses at the site were limited to short-lived diagnostic Nuclear medicine uses. At the time of our survey the Nuclear Medicine area had not been recently used so that, largely due to decay, no areas of contamination were present and the ambient radiation levels at background levels (less than 0.03 mR/h) except in the proximity of the sealed sources at the site which are stored

in shielded containers and properly secured. No therapeutic uses of licensed materials were ever used at this site.

### **5.5 Decommissioning and Related Records Transfers**

As indicated in section 5.4 above, there does not appear to be a need to decommission the site prior to transferring the site to the Henry Ford Hospital license since the short lived materials used have already decayed to background levels. We will assume responsibility for all of the licensed uses at the site. As stated above, we are knowledgeable of the extent and levels of residual contamination, which appears to be nonexistent, and are aware of the applicable decommissioning requirements.

The records at the site will remain at the Cottage location until transfer of the facility occurs. After that time some of the records may be secured at the Henry Ford Radiation Safety Office. We commit to maintain the Cottage records as required by NRC regulations.

No areas of contamination are present and the ambient radiation levels at background levels (less than 0.03 mR/h) except in the proximity of the sealed sources at the site which are stored in shielded containers and properly secured. Thus, no decontamination is needed to prepare the facility for decommissioning before the change of control. The only materials at the site with a half life greater than 65 days are sealed sources.

### **5.6 Transferee's Commitment to Abide by the Transferor's Commitments**

Since use at this site will become subject to the Henry Ford Hospital license we do commit to following the constraints, license conditions, requirements, representations, and commitments identified in and attributed to for Henry Ford Hospital's broad scope medical license Number 21-04109-16. Specifically we do not commit to the constraints, license conditions, requirements, representations, and commitments identified in and attributed to the Bon Secours License number 21-16868-01.

### **6 Bankruptcy**

This section is not applicable since this is simply the sale of a location rather than a bankruptcy.

If you should have any questions regarding this request, please feel free to contact Alan Jackson, MS, CHP at (313) 916-2739.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read 'Donald J. Peck'.

Donald J. Peck, Ph.D., DABR  
Radiation Safety Officer

A handwritten signature in black ink, appearing to read 'Alan M. Jackson'.

Alan Jackson, MS, CHP  
Senior Health Physicist

cc: W. Schramm  
Beth Harkness  
W. Weaver  
Radiation Safety Committee

Filename: NRC FRL Nuc Card 09-03

## **Appendix A**

### **NRC Form 313**

**Form 313 is attached.**

#### **5/6 Radioactive Material and Purposes**

A small subset of the existing uses already permitted under the Henry Ford Hospital license (21-04109-16) is being requested for this new location. No therapy administrations will be performed at the Cottage site and none of the administrations will require a written directive. We are requesting 10 CFR 35.100 and 10 CFR 35.200 uses (uptake, dilution, excretion, imaging and localization studies). Standard sealed sources used to calibrate and test equipment required for these studies will also be needed.

#### **7. Individuals Responsible for Program**

No change from the Henry Ford Hospital License (21-04109-16). Donald Peck, DABR will remain as the RSO

#### **8. Training for Individuals**

No change from the Henry Ford Hospital License (21-04109-16).

#### **9 Facilities and equipment**

The addition of the Cottage site as described in the main application is the only change.

#### **10 Radiation Safety Program**

No change from the Henry Ford Hospital License (21-04109-16).

#### **11. Waste Management**

No change from the Henry Ford Hospital License (21-04109-16).

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

(10-2005)  
10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2008

Estimated burden per response to comply with this mandatory collection request: 4.4 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 Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects@nrc.gov](mailto:infocollects@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.

## APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

## APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
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, MISSISSIPPI, 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  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

## 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

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, 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  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-4005

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 21-04109-16  
☐ C. RENEWAL OF LICENSE NUMBER \_\_\_\_\_

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

Henry Ford Hospital  
Radiation Safety Office  
Detroit, MI 48202

## 3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

New location  
Henry Ford Cottage Hospital  
159 Kercheval Avenue  
Grosse Point Farms, MI 48236

## 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Alan M. Jackson, MS CHP

## TELEPHONE NUMBER

(313) 916-2739

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.

## 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 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 (See 10 CFR 170 and Section 170.31)

FEE CATEGORY Exempt AMOUNT ENCLOSURE \$

## 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, 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

Donald Peck, PhD, DABR Radiation Safety Officer

## SIGNATURE

## DATE

10/19/07

## FOR NRC USE ONLY

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