



## Radiation Safety Office *Henry Ford Health System*

November 7, 2017

Henry Ford Health System  
Radiation Safety Office, K-3  
2799 West Grand Blvd.  
Detroit, Michigan 48202-2689  
(313) 916-2739 Office  
(313) 916-8456 Fax

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

Dear Sir or Madam:

I am requesting a variety of changes to the Henry Ford Wyandotte Hospital (HFWH) License (NRC License No. 21-12930-01; Docket 030-02140). Please note that form 313 is found in section 13 below.

### **Summary of Requested Changes**

We are eliminating I-125 brachytherapy work from the license (Item 6.E) and more generally removing 10 CFR §35.400 use. Consistent with that change we are deleting the two Authorized Users for 10 CFR §35.400 use. Thus we are eliminating Ibrahim Aref, M.D. and Deepak Pradhan, M.D. from the listing of Authorized Users.

In addition please also remove Dr. Bruno F. Borin and Dr. Benjamin D. Lack from the license as both have left the institution.

### **Item: Description**

#### **1. Application Type (§8.1)**

Amendment of License Number: 21-12930-01 (Docket 030-32396)

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**2. Applicant's Legal Name and Mailing Address (NUREG 1556 Volume 9 Rev 2 §8.2)**

Henry Ford Wyandotte Hospital  
2333 Biddle Avenue  
Wyandotte, MI 48192

**3. Addresses Where Licensed Material Will Be Used/Possessed (§8.3)**

No change.

**4. Name of Person to be Contacted About this Application (§8.4)**

Alan M. Jackson, MS, CHP  
Radiation Safety Officer  
Henry Ford Hospital  
2799 W. Grand Boulevard  
Detroit, MI 48202-2689

Phone: (313) 916-2739  
Cell: (734) 657-4133  
Fax: (313) 916-8456  
E-mail: [AlanJ@rad.hfh.edu](mailto:AlanJ@rad.hfh.edu)

**5 Radioactive Materials**

We are eliminating I-125 brachytherapy work from the license (Item 6.E). The last treatment was done on 10/30/12. Since I-125 has a 59.5 day half-life I surveyed all of the remaining I-125 seeds on 2/18/15 after much more than 10 half-lives. The survey readings were all at background level and I disposed of all of them via the decay in storage provision. There is no remaining 6.E material, I-125 prostate brachytherapy sealed sources or any other 10 CFR §35.400 materials remaining at Henry Ford Wyandotte Hospital.

**6. Purposes for Which Licensed Material will be Used (§8.9)**

We are changing the uses by eliminating all 10 CFR §35.400 use.

**7. Individuals responsible for the Radiation Safety Program (§8.10)**

**7.1 Radiation Safety Officer Name**

No change.

**7.2 Authorized Users (§8.12)**

Please delete the following Authorized Users from the license:

Ibrahim Aref, M.D.  
Deepak Pradhan, M.D.  
Dr. Bruno F. Borin  
Dr. Benjamin D. Lack

**8. Training Program**

No changes.

**9. Facilities and Equipment**

No changes.

**10 Radiation Protection Program**

No changes

**11 Radioactive Waste Management**

No changes

**12 Fees**

No fee is assessed for this license amendment (also reflected below in form 313).

**13 Certification**

See form 313 below for the needed certification signature.

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 06/30/2019

(06-2018)  
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 in the FOIA, Privacy, and Information Collections Branch (7-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to: [Information.Resource@nrc.gov](mailto:Information.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NRCB-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-maint/doc-collections/nuregs/staff/st1556/>. 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

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.**

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

☐

A. NEW LICENSE

☒

B. AMENDMENT TO LICENSE NUMBER

21-12930-01

☐

C. RENEWAL OF LICENSE NUMBER

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

Henry Ford Hospital  
Radiation Safety Office, K-3  
2799 West Grand Boulevard  
Detroit, MI 48202

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

The primary location of this license is:  
Henry Ford Wyandotte Hospital  
2333 Biddle Avenue  
Wyandotte, MI 48192

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

Alan M. Jackson, MS, CHP, RSO

## BUSINESS TELEPHONE NUMBER

(313) 916-2739

## BUSINESS CELLULAR TELEPHONE NUMBER

(734) 657-4133

## BUSINESS EMAIL ADDRESS

alanj@rad.hfn.edu

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 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, with few exceptions)

(See 10 CFR 170 and Section 170.37)

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

FEE  
CATEGORY

7C

AMOUNT  
ENCLOSED \$

0.00

## 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, 1949 82 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 - TYPE-PRINTED NAME AND TITLE

Cheryl Martin / Vice President Radiology

## SIGNATURE

*Cheryl Martin*

## DATE

11/3/17

## FOR NRC USE ONLY

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

Please feel free to contact me at (313) 916-2739 or AlanJ@rad.hfh.edu if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan M. Jackson". The signature is fluid and cursive, with the first name "Alan" being the most prominent.

Alan M. Jackson, MS, CHP  
Radiation Safety Officer

DETROIT, MI 48202  
UNITED STATES US

BILL THIRD PARTY

549J3/F877/104C

(313) 916-2739

REF:

INV:

DEPT: 201122

PO:



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Express



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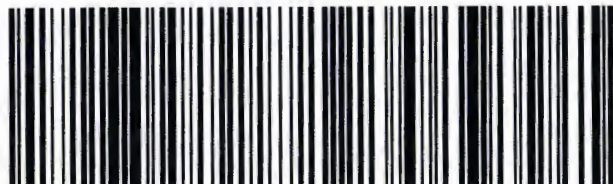
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