



## Radiation Safety Office Henry Ford Health System

November 20, 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

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

Ms. Bishop:

You requested the original survey information regarding the disposal of <sup>125</sup>I brachytherapy sources at Henry Ford Wyandotte Hospital (HFWH) License (NRC License No. 21-12930-01; Docket 030-02140).

The original survey log entry follows:

5/24/15  
Performed decay in storage survey  
for 2012 seed (1-125)  
3 containers 11 seeds total  
Ludlum 14C # 76605 2/18/15  
Bkg C.C.6 mR/h  
All seeds at Bkg  
Disposed of all seeds, None left.  
John A. Mehta  
Abn M Jackson RSO

The subsequent inventory document was created which is decidedly easier to read.

### **I-125 Brachytherapy Sealed Source Physical Inventory**

Licensee: Henry Ford Wyandotte Hospital

Date: 5/28/15

Container ID	Number of seeds
2012-1	1
2012-2	5
2012-3	5

Note 1: The Nuclear Medicine inventory information is separately recorded.

All of these sources have been in storage for more than 10 have lives (>600 days) rendering them essentially devoid of the primary isotope of I-125.

The sources were measured with the Ludlum 14C #76605 (calibration date 2/18/15).  
Background reading: 0.06 mR/h

All of the source readings were indistinguishable from background. All labels and markings were destroyed. All of the sources were disposed of as biohazard waste.

No brachytherapy sources remain in inventory.

RADIATION SAFETY OFFICE:



Alan M. Jackson, MS, CHP

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 a long horizontal stroke at the end.

Alan M. Jackson, MS, CHP  
Radiation Safety Officer

## Bishop, Jennifer

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**From:** Jackson, Alan (RSO) <AlanJ@rad.hfh.edu>  
**Sent:** Monday, November 20, 2017 2:21 PM  
**To:** Bishop, Jennifer  
**Subject:** [External\_Sender] RE: Decay in Storage Survey of Wyandotte Brachytherapy Seeds  
**Attachments:** DIS Survey for Remove I-125 Brachytherapy from HFWH License 11-20-17.pdf

Jennifer,

The letter you requested is attached.

-Alan

*Alan M. Jackson, MS, CHP*  
Radiation Safety Officer  
Henry Ford Hospital  
2799 West Grand Boulevard  
Detroit, MI 48202  
(313) 916-2739 Voice  
(313) 916-8456 Fax  
(734) 657-4133 Cell  
E-mail: [AlanJ@rad.hfh.edu](mailto:AlanJ@rad.hfh.edu)

**From:** Bishop, Jennifer [mailto:Jennifer.Bishop@nrc.gov]  
**Sent:** Monday, November 20, 2017 2:27 PM  
**To:** Jackson, Alan (RSO) <AlanJ@rad.hfh.edu>  
**Subject:** RE: Decay in Storage Survey of Wyandotte Brachytherapy Seeds

Hi Alan,

Could you please include a signed cover letter?

Sincerely,

Jennifer L. Bishop  
Health Physicist – Licensing  
NRC-Region III  
[Jennifer.Dalzell-Bishop@nrc.gov](mailto:Jennifer.Dalzell-Bishop@nrc.gov)  
630-829-9607

**From:** Jackson, Alan (RSO) [mailto:AlanJ@rad.hfh.edu]  
**Sent:** Friday, November 17, 2017 8:48 AM  
**To:** Bishop, Jennifer <Jennifer.Bishop@nrc.gov>  
**Subject:** [External\_Sender] Decay in Storage Survey of Wyandotte Brachytherapy Seeds

Jennifer,

You asked for waste survey information. Please see a sideways scan of the original survey (Final DIS survey seeds...) and the typewritten report of the survey (page 2 of the inventory document).

-Alan

*Alan M. Jackson, MS, CHP*

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