

Parker, Bryan

From: Jackson, Alan (RSO) [AlanJ@rad.hfh.edu]
Sent: Thursday, June 14, 2012 10:15 AM
To: Parker, Bryan
Subject: RE: Decommissioning fo HF Macomb Hosp- Warren
Attachments: HFMWH Inventory Leak Test 3-6-11.pdf

Bryan,

Thanks for the e-mail. The most recent leak test at the time of the decommissioning is attached. The next leak test are due this month. I can pull together that if you want that instead. The Co-57 flood source was shipped out, the Ba-133 was repurposed to the Henry Ford Hospital and the Cs-137 vial source is in a disposal bin.

-Alan

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From: Parker, Bryan [<mailto:Bryan.Parker@nrc.gov>]
Sent: Wednesday, June 13, 2012 2:42 PM
To: Jackson, Alan (RSO)
Subject: Decommissioning fo HF Macomb Hosp- Warren

Mr. Jackson,

I am working on the action to terminate the NRC license at Henry Ford Macomb Hospital – Warren Campus. I have reviewed the decommissioning surveys submitted and have no questions on them at this time. However, I do need an additional piece of info. On Page 3 of the submittal under the heading “Sealed Sources Used to Support Diagnosis,” it indicates that “the remaining sealed sources were shipped to Henry Ford Hospital (NRC Lic No.] 21-04109-16) on April 4, 2012.”

Please supply the most recent leak test results of these sources. That should be all I need to complete this action.

You can either send them to me by mail at Region III and/or you can send PDF versions to me by e-mail. Please mark it:

ATTN: Bryan Parker
Additional Information for Control No. 577483

If you have any questions, please call or e-mail me.

Thanks.
Bryan

Bryan A. Parker

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Sealed Source Leak Test

Licensee: Henry Ford Macomb Warren Hospital

Date: 12/6/11

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Cs-137	Vial	213 μ Ci	7/17/81	Pharm.	NES-536	3560781A09
Co-57	Flood	10 mCi	4/1/11	Pharm.	MED 3709	1499-118
Ba-133	Vial	2.983 mCi	11/01/05	Pharm.	1140-63	

The wipes for all of these sources were determined to be less than 0.005 μ Ci when measured on the hospital well counter.

RADIATION SAFETY OFFICE:



Alan M. Jackson, MS, CHP

Nuclear Medicine Sealed Source Inventory

Licensee: Henry Ford Macomb Warren

Date: 3/6/12

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Co-57	Flood	10 mCi	4/1/11	Pharm.	MED 3709	1499-118
Cs-137	Vial	213 µCi	7/17/81	Pharm.	NES-536	3560781A09
Ba-133	Vial	2.983 mCi	11/01/05	Pharm.	1140-63	
Cs-137	Rod	500 nCi	07-01-07	Pharm	IPL	1212-27-79
Eu-152	Rod	500 nCi	08-01-07	Pharm	EZ/IPL	1212-35-30
Cs-137	Button	1 µCi	08/93	Meter	2291	Surveyor 2000
Cs-137	Button	1 µCi	11/01/94	Meter	471-70	RSO-5
Cs-137	Button	1 µCi	02-95?	Meter	02-95-0237	Surveyor-50 A679X
Cs-137	Button	10 µCi	NA	Meter	Nucleus	Surveyor-50 A688X
Co-57	Button	100 µCi	2/1/11	Pharm.	IPL	1445-55-15
Cs-137	Button	10 µCi	11/2005	Pharm .	Spectrum	#329
Cs-137	Button	1 µCi	4/2006	Meter	Spectrum	#1081 2241-3
Cs-137	Button	1 µCi	5/2006	Meter	Spectrum	#1429 230948
Cs-137	Button	1 µCi	5/2006	Meter 230973	Spectrum	#1413
Cs-137	Button	1 µCi	5/2006	Meter 231074	Spectrum	#1427

Storage Items

Cs-137Rod	500 nCi	06-01-03	Storage	NA	760-16-34
Po-210 Brush	NA	09/03	Storage	NRD	IC200
Cs-137Rod	0.11µCi	05/06/88	Storage		334762
Cs-137Rod	≈7 µCi	03-04-03	Storage	Wiped off	BCCHCSRod#2
H-3	10 µCi	06/04	Storage	Microbio	

Note: The current brachytherapy seed inventory is zero as they were sent back to the supplier.

RADIATION SAFETY OFFICE:


Alan M. Jackson, MS, CHP