



MidMichigan Medical Center – Alpena  
1501 W. Chisholm Street  
Alpena, Michigan 49707  
Phone (989) 356-7000  
[www.midmichigan.org/alpena](http://www.midmichigan.org/alpena)

September 29, 2017

**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
Region III, Materials Licensing Section  
2443 Warrenville Road  
Suite 210  
Lisle, IL 60532-4352

Re: Additional Information Supporting the Termination of license No. 21-32378-01,  
MidMichigan Medical Center – Alpena (CN 600555)

Dear Mr. Strohmeyer:

This letter is being sent to provide proof of receipt for the sealed sources transferred from License No. 21-17754-01 to License No. 21-32378-01. Enclosed are 2 documents.

1. Sealed source inventory and leak test for sources inventoried at MidMichigan Medical Center – Alpena (License No. 21-17754-01), **before** the transfer of sources from License No. 21-32378-01. This document contains that signature of the RSO at that time (Martin Andrzejewski).
2. Sealed source inventory and leak test for sources inventoried at MidMichigan Medical Center – Alpena (License No. 21-17754-01), **after** the transfer of sources from License No. 21-32378-01. This document contains signatures of the RSO at that time (Martin Andrzejewski).

Please note that this information is in reference to CN 600555. If you have any questions, please contact Victor D. Hosfeld at 989-839-1407.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. D. Hosfeld', written over a horizontal line.

Victor D. Hosfeld, MS, DABR  
*Radiation Safety Officer, MidMichigan Health*  
*Chief Physicist, MidMichigan Health*

Enclosures

RECEIVED OCT 03 2017

Location: Mid Michigan Medical Center - Alpena

Date of Inspection: May 9, 2016

## SEALED SOURCE INVENTORY

Nuclide	Type	Location	Calibration Activity	Calibration Date	Mfr.	M/N	S/N
Cs-137	vial	Hot Lab	198 uCi	10/26/77	NEN	NES-356	319-108-35
Ba-133	vial	Hot Lab	270.3 uCi	08/01/10	IPL	RV-133-250U	1461.4-20
Cs-137	rod	Hot Lab	0.2 uCi	04/01/75	Searle	100-184642	A917A
Cs-137	spot	Hot Lab	10 uCi		Nuc. Assoc.		
Cs-137	spot	Hot Lab	10 uCi	02/01/00	IPL	644-69	
Co-57	flood	Hot Lab	15 mCi	11/21/14	Rad Qual	BM01L-15	BM01L1514 29532

RSO: 

## SEALED SOURCE LEAK TEST

Nuclide	Type	Location	Calibration Activity	Calibration Date	Mfr.	M/N	S/N
Cs-137	vial	Hot Lab	198 uCi	10/26/77	NEN	NES-356	319-108-35
Ba-133	vial	Hot Lab	270.3 uCi	08/01/10	IPL	RV-133-250U	1461.4-20
Co-57	flood	Hot Lab	15 mCi	11/21/14	Rad Qual	BM01L-15	BM01L1514 29532

COMMENT: The sources listed above were leak tested using a wipe technique and were found to have less than 0.005 uCi removable activity.

TESTED BY: Ray A. Carlson, M.S.

DATE: May 9, 2016

RSO: 

Location: Mid Michigan Medical Center - Alpena

Date of Inspection: July 26, 2016

## SEALED SOURCE INVENTORY

Nuclide	Type	Location	Calibration Activity	Calibration Date	Mfgr.	M/N	S/N
Cs-137	vial	Hot Lab	198 uCi	10/26/77	NEN	NES-356	319-108-35
Ba-133	vial	Hot Lab	270.3 uCi	08/01/10	IPL	RV-133-250U	1461.4-20
Cs-137	rod	Hot Lab	0.2 uCi	04/01/75	Searle	100-184642	A917A
Cs-137	spot	Hot Lab	10 uCi		Nuc. Assoc.		
Cs-137	spot	Hot Lab	10 uCi	02/01/00	IPL	644-69	
Co-57	flood	Hot Lab	15 mCi	11/21/14	Rad Qual	BM01L-15	BM01L1514 29532
Cs-137	vial	Hot Lab	213.7 uCi	08/01/02	IPL	RV-137-200U	934-25-2
Ba-133	vial	Hot Lab	283.9 uCi	08/01/02	IPL	RV-133-250U	934-24-7
Cs-137	rod	Hot Lab	0.5 uCi	06/01/02	IPL		85147
Co-57	flood	Hot Lab	10 mCi	01/01/16	Eckert & Ziegler	PF24R-057-10M	1862-133

RSO: 

## SEALED SOURCE LEAK TEST

Nuclide	Type	Location	Calibration Activity	Calibration Date	Mfgr.	M/N	S/N
Cs-137	vial	Hot Lab	198 uCi	10/26/77	NEN	NES-356	319-108-35
Ba-133	vial	Hot Lab	270.3 uCi	08/01/10	IPL	RV-133-250U	1461.4-20
Co-57	flood	Hot Lab	15 mCi	11/21/14	Rad Qual	BM01L-15	BM01L1514 29532
Cs-137	vial	Hot Lab	213.7 uCi	08/01/02	IPL	RV-137-200U	934-25-2
Ba-133	vial	Hot Lab	283.9 uCi	08/01/02	IPL	RV-133-250U	934-24-7
Co-57	flood	Hot Lab	10 mCi	01/01/16	Eckert & Ziegler	PF24R-057-10M	1862-133

COMMENT: The sources listed above were leak tested using a wipe technique and were found to have less than 0.005 uCi removable activity.

TESTED BY: Ray A. Carlson, M.S.

DATE: July 26, 2016

RSO: 



MidMichigan Medical Center - Midland  
Radiation Oncology  
4000 Wellness Drive  
Midland, Michigan 48670  
Phone (989) 839-3450  
Fax (989) 839-1347  
www.midmichigan.org/midland

To DANIEL STROHMAYER  
630-515-1078 (FAX)

From VICTOR D. HOSFIELD  
989-839-1407 (PHONE)

Date & Time 10/03/2017, 11:12 am (EST)

Number of Pages (including cover) 4

*fax*

ATTN. DANIEL STROHMAYER

RE: FOLLOW-UP DOCUMENTS  
(CN 600535)

*[Signature]*  
10/03/2017

**Confidential**

If this document is not received in its entirety, please call the number listed at top. The documents accompanying this transmission contain confidential information that is legally privileged. This information is intended only for the use of the individual or entity named above. The authorized recipient of this information is prohibited from disclosing this information to any other party unless required to do so by law or regulation and is required to destroy the information after its stated need has been fulfilled.

If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or action taken in reliance on the contents of these documents, is strictly prohibited. If you have received this information in error, please notify the sender immediately and arrange for the return or destruction of these documents.