



October 20, 2011

U.S. Nuclear Regulatory Commission
Division of Nuclear Material Safety
Region III
2443 Warrenville Road, Suit 210
Lisle, IL 60532

RADIATION ONCOLOGY

Jeffrey D. Forman, M.D., FACR,
Medical Director

Ahmed E. Ezz, M.D., FRCP

Kay T. Miller, M.D.

Madhubala C. Patel, M.D.

Michael J. Katin, M.D., FACP,
FACRO

MEDICAL ONCOLOGY

Edward R. Feldman, M.D.
Diplomate of the American
College of Internal Medicine in
Internal Medicine, Hematology
and Medical Oncology

SURGICAL ONCOLOGY

Eduardo Phillips, M.D., FACS
Diplomate of the American Board of
Surgery

RE: Amendment to 21-26488-01

Dear Mr. Reichhold:

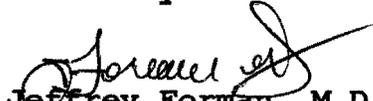
We would like to submit information to the purpose of amending the above license section 10.C. of the American Oncologic Associates of Michigan ,P.C.

1. The radionuclide used at the 2337 Gratiot Ave, Eastpointe, Michigan site was only depleted Uranium in shielding associated with Varian Clinac 4 Linear Accelerator.
2. Sealed Source Leak Test Certificate for the depleted uranium is available and enclosed for your reference. There was no contamination of the area at 2337 Gratiot Ave or surrounding areas. All personal and areas were surveyed by the medical physicist. Only background radiation was detected (copy enclosed for your reference) .
3. All radionuclide's have been removed from 2337 Gratiot Ave, Eastpointe, Michigan and now in a storage facility located at 2637 Martin Luther King Drive, Ft. Myers, FL 33916. This storage facility possesses a State of Florida General License for Depleted Uranium. (copy enclosed for your reference) .

Therefore, please remove section 10C form our license since there are no radionuclide's left at 2337 Gratiot Ave.

Should you have any questions, please feel free to contact me at 248-338-0300

Sincerely


Jeffrey Forman, M.D., FACR
Medical Director & RSO

RECEIVED OCT 26 2011

FLORIDA DEPARTMENT OF HEALTH
Bureau of Radiation Control
Radioactive Materials Section (HS-200)
GIN #C21
4062 Bald Cypress Way
Tallahassee, FL 32317-1700



GENERAL LICENSE FOR DEPLETED URANIUM

Florida Department of Health Regulations 64E-5.205, Florida Administrative Code (F.A.C.) "Control of Radiation Hazard Regulations" provides a General License authorizing receipt, possession and use of depleted uranium and sets forth certain requirements to which the general licensee is subject.

INSTRUCTIONS: Submit this form in triplicate along with the registration fee to the Department of Health, Bureau of Radiation Control, 1317 Winewood Boulevard, Tallahassee, FL 32399-0700

1. Please print or type within the box below, the name, address (including zip code) and telephone number of registrant.

21st Century Oncology, Inc. (MLK)
Mailing address: 5280 Summerlin Commons Way #802
Fort Myers, FL 33907

Site address: 2637 Martin Luther King Drive
Fort Myers, Florida 33916

Phone: (239) 768-7377

NUMBERS TO BE ASSIGNED BY DOH:

1275-1

CERTIFICATE NUMBER

EXPIRATION DATE: April 30, 2012

2. Depleted Uranium Physical Form: Solid
- Amount (lbs.): _____
Clinac 6/100 s/n 9; s/n 29; s/n 113; s/n 115; s/n 281; s/n 294; s/n 388; s/n 363; s/n 364; s/n 450; s/n 463
Clinac 4X s/n 71R; s/n 222; s/n 253; s/n 118; s/n 297; s/n 67R; s/n 64
Clinac 600C s/n 41; s/n 49; s/n 8
Clinac 6XR s/n 628; s/n 22
3. Make and Model Number of Device: _____
4. Use of Material: Primary Collimator for Linear Accelerator Head
5. Name and Title of Person Responsible for the Material: Daniel E. Dosoretz, MD, RSO

CERTIFICATION: I HEREBY CERTIFY THAT:

- The General Licensee has developed and will maintain procedures designed to establish physical control over the depleted uranium.
- The General Licensee developed and will maintain procedures designed to establish physical control over the depleted uranium described in Paragraph 64E-5.205, F.A.C. and designed to prevent transfer of such depleted uranium in any form, including metal scrap, to persons not authorized to reserve the depleted uranium.
- The General Licensee agrees to report in writing to the department any changes in information furnished by him within 30 days after the effective date of such changes.
- The General Licensee agrees to abide by all applicable rules in 64E-5, portions of which are printed on the reverse of this form.

DATE: 05/25/10

BY: _____

(Signature of Person Filing Form)

Daniel H. Galmarini, DABR CTO

(Print Name and Title of Position of Person Filing Form)

10. The form serves as the GENERAL LICENSE when date stamped by the Bureau of Radiation Control.

SEALED SOURCE INVENTORY AND LEAK TEST RECORD

Facility: 21 Century Oncology Location of Sources: Lab

Check Procedure Completed: Inventory: _____, Date: _____ Leak test: X, Date: 09/30/11

Person Performing Analysis: J. Wesley Comer Signature: J. Wesley Comer

Instrument Used Mfg.: Oxford Model: PCAP Serial #: 051292

Nuclide #5: Lin. Exel CL4 Source/Serial #: 06

Calibrated Activity: NA Calibration Date: NA

Nuclide #6: Lin. Exel CL4 Source/Serial #: 06

Calibrated Activity: NA Calibration Date: NA

Nuclide #7: Lin. Exel CL4 Source/Serial #: 06

Calibrated Activity: NA Calibration Date: NA

Nuclide #8: Lin. Exel Source/Serial #: 06

Calibrated Activity: NA Calibration Date: NA

Leak Test Measurements	Nuc #1	Nuc #2	Nuc #3	Nuc #4
Standard Activity in net cpm/uCi	2×10^5	6.65×10^5		
Lin. Exel. <u>14</u> cpm - Bkg <u>13</u> cpm = net cpm	0.00	0.00		
Lin. Exel. <u>13</u> cpm - Bkg <u>13</u> cpm = net cpm	0.00	0.00		
Lin. Exel. <u>12</u> cpm - Bkg <u>13</u> cpm = net cpm	0.00	0.00		
Lin. Exel. <u>13</u> cpm - Bkg <u>13</u> cpm = net cpm	0.00	0.00		
Samp. uCi = net samp.cpm/stand. cpm/uCi	NA	NA		
Invent. Status: A = Active I = inactive	A	A		

Comments: _____

LEAK TEST ALL SOURCES > 100 uCi

Action Level = < 0.005 uCi

SEALED SOURCE INVENTORY AND LEAK TEST RECORD				
Facility: <u>21 Century Oncology</u>		Location of Sources: <u>Lab</u>		
Check Procedure Completed: Inventory: _____, Date: _____		Leak test: <u>X</u> , Date: <u>09/30/11</u>		
Person Performing Analysis: <u>J. Wesley Comer</u>		Signature: <u><i>J. Wesley Comer</i></u>		
Instrument Used Mfg.: <u>Oxford</u>		Model: <u>PCAP</u> Serial #: <u>051292</u>		
Nuclide #1: <u>Lin. Exel CL4</u>		Source/Serial #: <u>06</u>		
Calibrated Activity: <u>NA</u>		Calibration Date: <u>NA</u>		
Nuclide #2: <u>Lin. Exel CL4</u>		Source/Serial #: <u>06</u>		
Calibrated Activity: <u>NA</u>		Calibration Date: <u>NA</u>		
Nuclide #3: <u>Lin. Exel CL4</u>		Source/Serial #: <u>06</u>		
Calibrated Activity: <u>NA</u>		Calibration Date: <u>NA</u>		
Nuclide #4: <u>Lin. Exel</u>		Source/Serial #: <u>06</u>		
Calibrated Activity: <u>NA</u>		Calibration Date: <u>NA</u>		
Leak Test Measurements	Nuc #1	Nuc #2	Nuc #3	Nuc #4
Standard Activity in net cpm/uCi	2×10^5	6.65×10^5		
Lin. Exel. <u>12</u> cpm - Bkg <u>13</u> cpm = net cpm	0.00	0.00		
Lin. Exel. <u>13</u> cpm - Bkg <u>13</u> cpm = net cpm	0.00	0.00		
Lin. Exel. <u>13</u> cpm - Bkg <u>13</u> cpm = net cpm	0.00	0.00		
Lin. Exel. <u>13</u> cpm - Bkg <u>13</u> cpm = net cpm	0.00	0.00		
Samp. uCi = net samp.cpm/stand. cpm/uCi	NA	NA		
Invent. Status: A = Active I = inactive	A	A		
Comments: _____				

LEAK TEST ALL SOURCES > 100 uCi

Action Level = < 0.005 uCi

SEALED SOURCE LEAK TEST CERTIFICATE

Comer Consulting, Inc.
541 Blanche Ave.
Umatilla, FL 32784
(352)771-0073

FACILITY: 21st Century Oncology
5280 Summerlin Commons Way, STE 802
Ft. Myers, FL 33907

ASSAY DATE 10/04/2011 BY J. Wesley Comer

WIPE DATE 09/30/2011 BY Customer

SAMPLE #	RADIONUCLIDE	SOURCE DESCRIPTION, MANUFACTURER AND MODEL #	SERIAL #	CALIBRATION DATE	NOMINAL ACTIVITY	RESULTS IN μ Ci
#1	NA	Lin. Exel. Upper right front CL4, SN 06	06	NA	NA	< 0.005 μ Ci
#2	NA	Lin. Exel. Upper left front CL4, SN 06	06	NA	NA	< 0.005 μ Ci
#3	NA	Lin. Exel. Lower right front CL4, SN 06	06	NA	NA	< 0.005 μ Ci
#4	NA	Lin. Exel. Lower left front CL4, SN 06	06	NA	NA	< 0.005 μ Ci
#5	NA	Lin. Exel. Upper left rear CL4, SN 06	06	NA	NA	< 0.005 μ Ci
#6	NA	Lin. Exel. Upper right left rear CL4, SN 06	06	NA	NA	< 0.005 μ Ci
#7	NA	Lin. Exel. Lower rear left CL4, SN 06	06	NA	NA	< 0.005 μ Ci
#8	NA	Lin. Exel. Lower rear right CL4, SN 06	06	NA	NA	< 0.005 μ Ci

MAINTAIN THIS LEAK TEST CERTIFICATE ON FILE
AS PROOF OF YOUR COMPLIANCE WITH YOUR
RADIOACTIVE MATERIALS LICENSE.

**ACTION LEVEL: IF REMOVABLE CONTAMINATION IS GREATER THAN
0.005 μ Ci, THE SOURCE SHOULD BE RETURNED TO
THE MANUFACTURER FOR REPAIR OR DISPOSAL.**

TEST COMPLETED BY COMER CONSULTING, INC.

DOH LICENSE NO. 2488-1

REVIEWED BY RSO: _____

SIGNATURE: _____ RSO

NEXT LEAK TEST DUE: Per License requirement

Decommission Radiation Survey Results of the Clinac 4 Facility

Done By: Adib Shamaoun, Ph.D

Date: Oct. 17, 2011

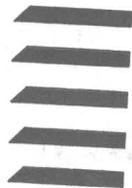
Please see the following radiation Survey results of the Clinac 4 Linear Accelerator, which was removed from the location 2337 Gratiot Ave, Eastpointe, Michigan facility.

A Geiger Survey Meter, Model 14C, Serial No. 80027 with probe type EW, SN 073471, Calibrated on 3-14-2011 by K&S Associate, Inc, was used to obtain these readings.

Orientation	North Wall	South Wall	East Wall	West Wall	Floor & Ceiling
Survey Result mR/hr	0.02	0.02	0.02	0.02	0.02

This survey was taken from inside and outside of the treatment room.

21ST Century Oncology
MIRO CANCER CENTERS
MICHIGAN INSTITUTE FOR RADIATION ONCOLOGY
70 Fulton Street
Pontiac, MI 48341-2755



CERTIFIED MAIL™



7006 0810 0001 2648 2911

TO:

US Nuclear Regulatory Commission
Division of Nuclear Material Safety
Attn: Mr. Reichhold
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532

