Michiana Hematology Oncology, PC

21 July, 2010

U.S. NRC Region III Attn.: James Mullauer 2443 Warrenville Road

Suite 210

Lisle, Illinois 60532-4352

RE: Amendment Request for License 13-32719-01

Mr. Mullauer:

We request that the stated above License be amended to reflect the following:

- 1. Add the following individuals as Authorized Medical Physicists for HDR remote afterloading brachytherapy:
 - a. Yuntao Feng, Ph.D. He is listed as an AMP on Ohio-issued license 02120490017 (attached).
 - b. Eric B. Ramsay, Ph.D. His NRC Form 313 and supporting documentation for initial approval is attached (forms are filled out by Yuri Ellis who is listed as an AMP on the NRC License we are trying to amend 13-32719-01).
- 2. Delete the following physicists from the HDR AMP list:
 - a. Steven Gasiecki
 - b. Francisco Nunez
- 3. Add the following Physician to the list of Authorized Users for medical use of HDR remote afterloading brachytherapy:
 - a. Dr. Chester Wilson. He is listed as an AU on NRC license 13-15151-01 (attached).

I would really appreciate any attempt to expedite this amendment due to the fact that the new Cancer Center listed under this License in Mishawaka, IN is opening up on August 9th and the Two new physicists who we are trying to add to this License as AMPs and a physician as an AU will be the primary people at this facility.

Should you have any questions regarding this amendment request, please contact me at 847-530-4454 or yuri.ellis@globalphysics.net

Sincerely,

Yur: Ellis

Yuri Ellis, M.S., DABR, RSO VP, Clinical Operations Global Physics Solutions M: 847-530-4454

F: 847-656-2888

yuri.ellis@globalphysics.net www.globalphysicssolutions.com

E. Two sources, not to exceed 795.5 GBq (21.5 Ci) total in one

444 GBq (12Ci)

location, one source not to exceed

LICENSEE

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the applications of Chapter 3748 of the Ohio Revised Code and all applicable rules promulgated thereunder. This license is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSE NUMBER

2.	St. Charles Mercy Hospital 2600 Navarre Avenue Oregon, Ohio 43616-3297		3. 02120490017 EXPIRATION DATE 4. July 1, 2013 FILE / ID NUMBER 5. 500911 / 2919		
			3. 30071172717		
6.	RADIOACTIVE MATERIAL	7. CHEMICAL AN FORM	VD/OR PHYSICAL 7.	MAXIMUM QUANTI LICENSEE MAY POS ONE TIME UNDER T	SESS AT ANY
	A. Any radioactive material permitted by rule 3701:1-58-32 of the Ohio Administrative Code.	A. Any radiop	harmaceutical form	A. As needed	
	B. Any radioactive material permitted by rule 3701:1-58-34 of the Ohio Administrative Code	B. Any radiop	harmaceutical form	B. As needed	
	C. Any radioactive material permitted by rule 3701:1-58-37 of the Ohio Administrative Code	C. Any radiop	harmaceutical form	C. 74 GBq (2 Ci)	
	D. Any radioactive material permitted by rule 3701:1-58-43 of the Ohio Administrative Code	D. Any brachy source	therapy sealed	D. 148 GBq (4 Ci)	

8. Authorized Use

E. Iridium-192 permitted by rule

3701:1-58-55 of the Ohio

Administrative Code

- A. Any uptake, dilution and excretion study permitted by rule 3701:1-58-32 of the Ohio Administrative Code.
- B. Any imaging and localization study permitted by rule 3701:1-58-34 of the Ohio Administrative Code.

105.002)

- C. Any medical use permitted by rule 3701:1-58-37 of the Ohio Administrative Code.
- D. Any brachytherapy sources for therapeutic medical use permitted by rule 3701:1-58-43 of the Ohio Administrative Code.

E. Sealed sources (Nucletron Model

E. One sealed source for therapeutic medical use, permitted by rule 3701:1-58-55 of the Ohio Administrative Code, in a Nucletron Corporation microSelectron Model 105.999 remote afterloader unit. One sealed source in its shipping container for replacement in the in the remote afterloader unit. The activity may not exceed 444 GBq (12 Curie) at the time of installation.

LICENSE FOR RADIOACTIVE MATERIALS

SUPPLEMENTARY SHEET

Pa	ge.	2	of	5

License Number: 02120490017

FILE / ID NUMBER: 500911 / 2919

Amendment No. 18

CONDITIONS

- Licensed material may only be used at the licensee's facilities located at:
 2600 Navarre Avenue
 Oregon, Ohio 43616-3297
- The Radiation Safety Officer for this license is:
 Andrew Schneider, Ph.D.
- 11. Licensed material is only authorized for use by, or under the supervision of:

	Authorized Users		Material and Uses
Α.	Faheem Ahmad, M.D.	Α.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy device as permitted by rule 3701:1-58-55 of the Ohio Administrative Code.
В.	Rajender K. Ahuja, M.D.	В.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy device as permitted by rule 3701:1-58-55 of the Ohio Administrative Code.
c. :	Lakshmanrao Bhandaru, M.D.	c.	Iodine-123 for diagnosis of thyroid function and cardiac dysfunction as permitted by rule 3701:1-58-32 and oral administration of sodium iodide Iodine-131 in quantities less than or equal to 33 mCi as permitted by rule 3701:1-58-37 of the Ohio Administrative code.
D.	David R. Cervantes, M.D.	D.	Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.
E.	Wayne S. Court, M.D.	E.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy device as permitted by rule 3701:1-58-55 of the Ohio Administrative Code.
F.	Donald L. Cox, M.D.	F.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
G.	Ferhad Ebrahim, M.D.	G.	Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.
Н.	Michael F. Fadell, M.D.	H.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
I.	John J. Feldmeier, D.O.	I.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy device as permitted by rule 3701:1-58-55 of the Ohio Administrative Code.
J.	James A. Fugazzi, M.D.	1.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy device as permitted by rule 3701:1-58-55 of the Ohio Administrative Code.
к.	Gerald B. Glassberg, M.D.	K.	Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.
L.	David Glowacki, M.D.	L.	Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.

LICENSE FOR RADIOACTIVE MATERIALS

SUPPLEMENTARY SHEET

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License Number: 02120490017

FILE / ID NUMBER: 500911 / 2919

Amendment No. 18

	Authorized Users	: :	Material and Uses
М.	George D. Jacobs, M.D.	М.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code. (Excluding oral administration of sodium iodide Iodine-131 in quantities greater than 33 mCi)
N.	Roger T. Kucway, M.D.	N.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy device as permitted by rule 3701:1-58-55 of the Ohio Administrative Code.
Ο.	Antoinette L. La Valley, M.D.	0.	Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.
P. .	Terrence J. Lewis, M.D.	Р.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
Q.	Terence T. Loh, M.D.	Q.	Uses permitted by rules 3701;1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.
R.	Sheila S. Manion, M.D.	R.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
S.	Gerald W. Marsa, M.D.	S.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy device as permitted by rule 3701:1-58-55 of the Ohio Administrative Code.
Т.	William K. Mueller, M.D.	T.	Uses permitted by rules 3701:1-58-37, and 3701:1-58-43 of the Ohio Administrative Code.
U. e	Dhaval K. Parikh, M. D.	U.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy unit as permitted by 3701:1-58-55 of the Ohio Administrative Code.
V.	Vincent L. Perez, M.D.	v.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
W.	Yogesh P. Patel, M.D.	w.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
X.	Peter M. Royen, M.D.	X.	Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.
Y.	Steven J. Rubin, M.D.	Y.	Uses permitted by rules 3701:1-58-37, 3701:1-58-43 and Iridium- 192 in remote afterloading brachytherapy device as permitted by rule 3701:1-58-55 of the Ohio Administrative Code.
Z.	Matthew V. Sebastian	Z.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
AA.	Rubina Hassan Shah, M.D.	AA.	Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.
BB.	Bruce R. Siders, D.O.	BB.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
CC.	Thomas T. Win, M.D.	CC.	Uses permitted by rules 3701:1-58-32, 3701:1-58-34 and 3701:1-58-37 of the Ohio Administrative Code.
DD.	Steven R. Zeidner, M.D.	DD.	Uses permitted by rules 3701:1-58-37 and 3701:1-58-43 of the Ohio Administrative Code.

LICENSE FOR RADIOACTIVE MATERIALS

SUPPLEMENTARY SHEET

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License Number: 02120490017

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Amendment No. 18

The following individuals are authorized medical physicists:

Authorized Medical Physicists

Material and Uses

Α.	Sanja Cico, M.S A.	Iridium-192 for use in a High Dose Rate Remote Afterloader Unit
B.	Yuntao Feng, Ph.D. B.	Iridium-192 for use in a High Dose Rate Remote Afterloader Unit
C.	Todd Hill, M.S. C.	Iridium-192 for use in a High Dose Rate Remote Afterloader Unit
D.	Andrew Schneider, Ph.D. D.	Iridium-192 for use in a High Dose Rate Remote Afterloader Unit
E.	Dean Walton, M.S. E.	Iridium-192 for use in a High Dose Rate Remote Afterloader Unit

12. Sealed sources

- A All sealed sources plus detector cells shall be tested for leakage and/or contamination in accordance with rule 3701:1-38-24 of the Ohio Administrative Code or at such other intervals as specified by the certificate of registration referred to in rule 3701:1-46-49 of the Ohio Administrative Code
- B. Test for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the director, the NRC, or Agreement state to perform such services and may perform tests for leakage and/or contamination. Sealed source or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
- C. All sealed sources that are used or obtained shall have been evaluated and approved under the provisions of rule 3701:1-46-49 of the Ohio Administrative Code or by equivalent NRC or Agreement State regulation.
- 13. All persons performing activities meeting the definition of "Nuclear Medicine Technologist" as specified in R.C. 4773.01 shall be licensed and in good standing with the State of Ohio.
- 14. In addition to the possession limits in item 8, the licensee shall further restrict the possession of licensed materials to quantities below the minimum limit specified rule 3701:1-40-17(B) of the Ohio Administrative Code for establishing decommissioning financial assurance.
- 15. In accordance with rule 3701:1-58-30 of the Ohio Administrative Code, any patient administered gamma emitting radiopharmaceuticals or permanent brachytherapy sources shall be provided a patient release card to include:
 - (1) The patient's name.
 - (2) The radionuclide administered and its activity.
 - (3) The facility name which administered the radionuclide.
 - (4) The date of the administration of the radionuclide.
 - (5) The expiration date of the card.

The card is not applicable to those patients who are institutionalized (Hospitals, Nursing Homes, Correctional Institutions, etc.) or whose radiation levels do not exceed 0.1 mR/hr at one meter.

16. The licensee shall ensure that the total activity of co-located and/or aggregated radioactive materials listed in Items 6D and 6E will remain below limits subject to Increased Controls orders.

LICENSE FOR RADIOACTIVE MATERIALS

SUPPLEMENTARY SHEET

Page	<u>5</u>	of	5
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License Number: 02120490017

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Amendment No. 18

- 17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Ohio Department of Health's statutes, ru les, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Renewal application dated March 31, 2008
 - B. Letter dated June 20, 2008.
 - C. Amendment 16, license number 02120490017, is renewed in its entirety.
 - D. Corrected Copy Amendment 17
 - E. Letter dated March 10, 2009; Amendment 18

For the Ohio Department of Health

DATE

RV

Robert E. Owen,

Bureau of Radiation Protection
On behalf of the Director of Health

Jul 23 2010 1:40PM

MICHIANA HEMATOLOGY ONCOL 5742371336

LPH CANCER THEROPY

Fax 2193262692

Jul 23 2010 10:33am P002/011

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 4 PAGES
Amendment No. 44

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a licensee is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified heldw

elow	The second secon					
	Licensee		In accordance		ette	rdated
) 	aPorte Hospital and Health Ser	-doge :	August 12, 20		4	deal to the
	arone Hospital and Health Ser repartment of Nuclear Medicine		3. License number entirety to read			151-01 is amended in its
•						
	007 Lincolnway aPorte, IN 46350-0250		4. Expiration date 5. Docket No. 03			
	PORE, IN TOSSO-0200		Reference No.)50	
	product, source, and/or special clear material	7. Chen	mical and/or physical form	p		imum amount that licensee may sess at any one time under this use
A.	Any byproduct material 1 permitted by 10 CFR 35.100		Any	: 1	A.	As needed
В.	Any byproduct material permitted by 10 CFR 35.200	*, **,	Any	e ;	3.	As needed
C.	Any byproduct material, permitted by 10 CFR 35.300		Any	C	3 .	5 curies
D.	Any byproduct material permitted by 10 CFR 35.400		Sealed sources (Bard Brachytherapy, Inc. Model No: STM 1251 and Theragenics Corp. Model No. 200 and I-seed Model 125.S06)		3. , 2	2 curies
E.	Any byproduct material permitted by 10 CFR 35.500) 	Sealed sources identified in 10 CFR 35.500 (North American Scientific Model No. MED 3601 or DuPont Pharma Model No. NES 8412 and Isotope Products Model HEG-137)		<u> </u>	400 millicuries
F.	Depleted uranium		Stainless steel covered metal	F		4 shields, not to exceed 12 kilograms each

9. Authorized Use:

A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.

Amendment No. 44

Jul 23 2010 10:34am P003/011 Fax 2193282692 LPH CANCER THEROPY PAGE 2 of 3 PAGES U.S. NUCLEAR REGULATORY COMMISSION-NRC FORM 374A License Number 13-15151-01 Docket or Reference Number **MATERIALS LICENSE** 030-08653 SUPPLEMENTARY SHEET

- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. Medical use described in 10 CFR 35.500 in devices which have been evaluated and approved for licensing purposes by the U.S. Nuclear Regulatory Commission or an Agreement State.
- F. Shielding in ADAC Laboratories MCD-AC attenuation correction system.

CONDITIONS

- 10. Licensed material may be used at the licensee's facilities located at 1007 Lincolnway, LaPorte, Indiana.
- 11. Radiation Safety Officer. James C. Hatten.
- 12. Licensed material is only authorized for use by, or under the supervision of:
 - A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
 - B. The following individuals are authorized users for medical use as indicated:

	Authorized Users	Material and Use
	Hester Muller, M.D.	10 CFR 35.100, 35.200, 35.300 and 35.500.
	Smari Thordarson, M.D.	10 CFR 35.100, 35.200, 35.300 and 35.500.
	Douglas J. Van Putten, M.D.	10 CFR 35.400.
	John E. DePersio, M.D.	10 CFR 35.100, 35.200, and 35.300 (for lodine-131, oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries).
	Vivek Mishra, M.D.	10 CFR 35,100 and 35,200.
	Richard Dobben, M.D.	10 CFR 35.100, 35.200, iodine-131 for use under 35.300 and 35.500.
	Chester Wilson, M.D.	10 CFR 35.400
. •	Krishna R. Pillai, M.D.	10 CFR 35.100 and 35.200.

	LPH CANCER THEROPY Fa	k_2193262692	Jul	23 2010	10:	34am	PUU	4/011
NRC FORM 374A	U.S. NUCLEAR REGULATORY COMMISSION			PAGE	3	of	3	PAGES
		License Number 13-15151-01						
	MATERIALS LICENSE SUPPLEMENTARY SHEET	Docket or Reference Num 030-08653	mber					-
		Amendment No. 4	4:			-		

- 13. The licensee is authorized to transport (icensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 14. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
- 15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements. representations; and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - Application received March 5, 2004;
 - Letters dated June 9, 2005, October 14, 2005, November 1, 2006 and December 27, 2006;
 - Facsimile letters dated September 6, 2005; September 8, 2005; and
 - D. Facsimile (of e-mail) received February 15, 2007.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

SEP 0 9 2009 Date

James R. Mullauer, M.H.S Materials Licensing Branch

Region III;

The Real Property lies	No. of Lot	The second se	MODELLE SERVICE DE LA COMPANION DE LA COMPANIO			
NR((3-20	C FO 09)	PRM 313A (AMP)	U.S. NUCLE	AR REGULATORY COMMISSION		
AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE APPROVED BY OMB: NO EXPIRES: 3/31/2012 APPROVED BY OMB: NO EXPIRES: 3/31/2012 (10 CFR 35.51)						
Nar	ne c	of Proposed Autho	rized Medical Physicist			
Eri	c B.	Ramsay				
Au	tho	ested rization(s) call that apply)	☐ 35.400 Ophthalmic use of strontic ✓ 35.600 Remote afterloader unit(s		py unit(s) stereotactic radiosurgery unit(s)	
			PART I – TRAINING (Select one of the th			
dat req	e of uire	application or the training and ex	ce, including Board Certification, must ne individual must have obtained relate xperience was completed. Provide dat to the uses checked above.	ed continuing education and e	experience since the	
V	1.	Board Certifica	ation			
	a.	Provide a copy	of the board certification.			
	b.	Go to the table authorization is	in 3.c. and describe training provider a sought.	and dates of training for each	type of use for which	
	c.	Skip to and cor	mplete Part II Preceptor Attestation.			
	2.	Current Author	rized Medical Physicist Seeking Add	litional Authorization for u	se(s) checked above	
	a.	Go to the table	in section 3.c. to document training for	r new device.		
	b.	Skip to and cor	nplete Part II Preceptor Attestation			
	3.	Education, Tra	ining, and Experience for Proposed	Authorized Medical Physic	<u>cist</u>	
	a.		cument master's or doctor's degree in applied mathematics from an accredit		her physical science,	
	De	egree		Major Field		
	Co	ollege or University	,			
	b.	high-energy ex	Il-Time Medical Physics Training and V ternal beam therapy (photons and elec and brachytherapy services.	Vork Experience in clinical ractrons with energies greater t	adiation facilities that provide than or equal to 1 million	
		Yes. Comp	pleted 1 year of full-time training in med	dical physics (for areas identi	ified below) under the	
		supervisio	n of	who meets the requir	rements for an	
		Authorized	d Medical Physicist.			
			AN	ID		
		☐ Yes. Comr	pleted 1 year of full-time work experien	ce in medical physics (for are	eas identified below)	
			supervision of		ets the requirements for	
			ized Medical Physicist.			

NRC	FORM	313A	(AMP)

U.S. NUCLEAR REGULATORY COMMISSION

AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

- 3. Education, Training, and Experience for Proposed Authorized Medical Physicist (continued)
 - b. Supervised Full-Time Medical Physics Training and Work Experience (continued) If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.

Description of Training/ Experience	Location of Training/License or Permit Number of Training Facility/Medical Devices Used+	Dates of Training*	Dates of Work Experience*
Medical Physics			
Performing sealed source leak tests and inventories			
Performing decay corrections			
Performing full calibration and periodic spot checks of external beam treatment unit(s)			
Performing full calibration and periodic spot checks of stereotactic radiosurgery unit(s)	,		
Performing full calibration and periodic spot checks of remote afterloading unit(s)			
Conducting radiation surveys around external beam treatment unit(s), stereotactic radiosurgery unit(s), remote after loading unit(s)			
Supervising Individual**	License/Permit Number listing authorized Medical Physicist	supervising indi	vidual as an
for the following types of use:			
Remote afterloader unit(s)	Teletherapy unit(s) Gamma st	ereotactic radio	osurgery unit(s)
Training and work experience must be confidence with energies greater than or experience.	onducted in clinical radiation facilities that provide high-energy qual to 1 million electron volts) and brachytherapy services.	external beam the	erapy (photons and
* 1 year of Full-time medical physics traini	ng and 1 year of full time work experience cannot be concurred	nt.	
** If the supervising medical physicist is no physicist meets the training and experier authorization.	t an authorized medical physicist, the licensee must submit evince requirements in 10 CFR 35.51 and 35.59 for the types of u	idence that the sup ise for which the in	pervising medical dividual is seeking
		The second liverage with the second	PAGE 2

			sed Authorized Medical Phy		
c. Describe trainir	ng provider an	d dates of training	for each type of use for which	h authorization	n is sought.
Description of Training			Training Provider and Date	es	
	Remot	e Afterloader	Teletherapy	Ga	mma Stereotactic Radiosurgery
Hands-on device operation	06-10-2010				
Safety procedures for the device use	06-10-2010				
Clinical use of the device	06-10-2010				
Treatment planning system operation	06-10-2010				
Supervising Individual It training is provided by Super Individual is necessary to docuthis page.)	vising Medical Physicisi		License/Permit Number listing authorized Medical Physicist	supervising inc	lividual as an
Yuri Ellis			NRC License # 13-32719-01, Mi	chiana Hematol	logy-Oncology, P.C.
for the following ty	pes of use:	• • • • • • • • • • • • • • • • • • • •	. 1		
Remote afterlo	ader unit(s)	Telethera	py unit(s) Gamr	na stereotacti	c radiosurgery unit(
If Applicable:					
Authorization S	Sought	Device	Training Provide	ed By	Dates of Training

NRC FO: (3-2009)	RM 313A (AMP)					U.S. NUCLEAR REGUL	ATORY COMMISSION
	ORIZED MEDIC	AL PHYSICIST TRAI	NING AND EX	(PERIEN	ICE AND P	RECEPTOR ATTESTA	TION (continued)
		PAR	T II – PRECEI	PTOR AT	TESTATIO	N	
Note:	individual as lor	ng as the preceptor pr	ovides, directs	s, or verif	ies training	or does not have to be t and experience required preceptor statement fro	d. If more than
First S Check	ection one of the follo	wing:					
	1. Board Certi	<u>fication</u>					
	✓ I attest that	Eric B. Ramsay Name of Proposed Autho	rized Medical Physic		satisfactoril	y completed the require	ments in
	10 CFR 35.	51(a)(1) and (a)(2).					
	2. Education,	Training, and Experi		OR			
	l attest that			has	satisfactorily	y completed the 1-year	of full-time
	training in m 35.51(b)(1).	Name of Proposed Author nedical physics and an	•		time work ex	xperience as required b	y 10 CFR
	d Section ete the following	g:	A	MD			
-	✓ I attest that	Eric B. Ramsay Name of Proposed Author	izad Medical Dhysic		training for t	he types of use for which	ch authorization
		•	•		procedures,	clinical use, and the op	eration of a
Third S Comple	ection ete the following	; :	A	ND			
	✓ I attest that	Eric B. Ramsay			achieved a l	evel of competency suf	ficient to
	function inde	Name of Proposed Author ependently as an Author	•		st for the fol	lowing:	
	35.400 (Ophthalmic use of stro	ntium-90	35.600	Teletherap	y unit(s)	
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Name of	Preceptor	Signa	ture	: 8	P1 - c	Telephone Number	Date
Yari Ellis		+	7~1	2. 0		(847) 530-4454	07/19/2010
	Permit Number/Fa						
NRC Lie	ense # 13-32719-01.	Michiana Hematology-C	Incology, P.C.				PAGE 4

Global Physics Solutions

Certificate of Completion

is hereby granted to

Eric B Ramsay, M.S., DABMP

to certify that he has completed to satisfaction

Varian Varisource iX (VS2000) HDR unit Specific training for Authorized Medical Physicists

Granted: June 12, 2010

Jur: Ellis

Yuri Ellis, MS, DABR, RSO



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December 16, 2008

Eric B. Ramsay, Ph.D. 7464 North Riverview Dr. Kalamazoo, MI 49004

ABMP Diplomate:

Congratulations! This is to acknowledge that you have met the conditions for recertification by the American Board of Medical Physics for the period 2009-2013 and will therefore remain listed on the registry of ABMP Certified Medical Physicists. Please moisten and affix the enclosed seal to your certification plaque.

Effective beginning January 1, 2014 (your next scheduled recertification period) ABMP will require 150 CEU's during the previous 5-year cycle. This means that if you intend to seek recertification for the next five year term beginning in 2009, your CEU requirements will increase to 150 CEU's during the 5-year cycle. Therefore, for recertification in 2014, you must begin to accumulate the new annual CEU requirements beginning in 2009 and each year thereafter. These CEU's must be reported when you renew for the next time in 2013.

In the future, you should retain documentation showing proof of attendance at each continuing education activity to be claimed. For further information, please see the ABMP website at www.abmpexam.com.

Sincerely,

Benjamin R. Archer Ph.D., DABMP Recertification Chair, ABMP

Benjamin Rh har PhD



The Energican Board of Medical Mysaics Hereby certifies that Tric D. Ramsay, Th.D.

Has satisfactority met the professional standards and clinical experience requirements in medical physics to qualify for

Certification in Medical Physics with special competence in Radiation Oncology



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