

801 Ostrum Street Bethlehem, PA 18015 610-954-4000

NMSBL

July 12, 2007

Medical Licensing Branch U.S.N.R.C. Region I 475 Allendale Rd. King of Prussia, PA 19406-1415

Re: EXPEDITED AMENDMENT REQUEST

To whom it may concern,

03003100

Please be advised of the following proposed addition to the list of authorized medical physicists on our N.R.C. license #37-07939-01 (St. Luke's Hospital).

We wish to add Seungsoo Lee, Ph.D to our list of authorized medical physicists for the following material and use:

- Iridium-192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot checks, and training:
- I-125 in a seedSelectron 130.001 brachytherapy afterloader for calibrations, spot-checks and training.

Please find the attached copy of NRC Form 313A (AMP) detailing Dr. Lee's training and experience.

If you have any questions, please contact our consultant medical physicist Mark Liddington at 1-800-446-7622 ext. 2.

Sincerely.

Lisa Dutterer

Associate Vice President, Administration St. Luke's Hospital and Health Network

140801

NMSS/RGN1 MATERIALS-002

to work in PA

NR(RM 313A (AMP)			U.S. NUCLE	AR REGULATORY CO	MMISSION		
1	•		AND PREC		ATTESTAT	G AND EXPER TION	IENCE	APPROVED BY OMB; NO. 3150-012 EXPIRES: 10/31/2008	
Nar	ne of	Proposed Autho	rized Medical P	hysicist					
		seung	500	LEE	=				
Au		eted ization(s) all that apply)	15		c use of stronti terloader unit(s	um-90 💢 35.600		rpy unit(s) stereotactic radiosurgery unit(s)	
						AND EXPERIENCE	-		
date req	e of uired	application or th	ie individual m kperience was	Board Cernust have a complete	tification, must obtained relate d. Provide da	have been obtained continuing educ	ed within the ation and	he 7 years preceding the experience since the of continuing education	
	1.	Board Certifica	<u>ition</u>						
	a.	Provide a copy	of the board of	certificatio	n.				
	b.	Go to the table in 3.c. and describe training provider and dates of training for each type of use for which authorization is sought.							
	Ç.	Skip to and cor	nplete Part II I	Preceptor	Attestation.			•	
	2.	Current Author	rized Medical	Physicis	t Seeking Add	<u> Litional Authoriza</u>	tion for u	se(s) checked above	
	a.	Go to the table	in section 3.c.	to docum	nent training fo	r new device.			
	b.	Skip to and con	npiete Part II I	receptor	Attestation				
X	3.]	Education, Tra	ining, and Ex	perience	for Proposed	Authorized Medi	cal Physi	cist	
	a.	Education: Document master's or doctor's degree in physics, medical physics, other physical science, engineering, or applied mathematics from an accredited college or university.							
	Deg	ree	***			Major Field		, 10000 1 Marie 1 (1) 4 10 10 10 10 10 10 10 10 10 10 10 10 10	
		Ph.D				Nuclear	En	gineering	
	Col	lege or University		of	Flor:				
	b.	Supervised Full-Time Medical Physics Training and Work Experience in clinical radiation facilities that provide high-energy external beam therapy (photons and electrons with energies greater than or equal to 1 million electron volts) and brachytherapy services.							
		Yes. Comp	leted 1 year o	f full-time	training in med	dical physics (for a	reas identi	fied below) under the	
		supervision of PET -Found who meets the requirements for an Authorized Medical Physicist.							
		,	•		AN	ID			
,		under the		PEI				ets the requirements for	

authorization.

NRC FORM 313A (AMP)

U.S. NUCLEAR REGULATORY COMMISSION

AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued

<u>E</u> (ducation, Training, and Experie	nce for Proposed Authorized Medical Physici	st (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 Wor Experience					
M	edical Physics	H.D. Anderson Concer Conter Houston	5597646FE 2002	sept 2003					
			succest 2003	Acco . 2009					
	erforming sealed source leak	H.O Anderson Camer Center Houston.	sept. Voc	septaron)					
•••			Au61, 2003	Aug. sony					
Pe	aforming decay corrections	4.0 Andorran Comor Center Houston	58pt. 2002	sept 200					
			Aug. 2003	Aug - 200					
рe	erforming full calibration and riodic spot checks of external earn treatment unit(s)	H.D Anderon Cancer Center Houston	SEPT. 2002	SEP4. 200					
bе			Aug. 2003	Aug. 200					
pe	rforming full calibration and riodic spot checks of areotactic radiosurgery unit(s)			_					
pe	rforming full calibration and riodic spot checks of remote	M.O. Anderson Concer Center House	SEPT. 2002	Sept. 200					
an 	erloading unit(s)	M.O. Anderson Concer Conter	Aug. 2003	Aug . 2001					
ar	inducting radiation surveys ound external beam treatment	M.O. Anderson Concer Conter	(CPT. 2002	Sept. 2000)					
	it(s), sterotactic radiosurgery it(s), remote after loading unit(s)		Aug. 2003	Any. 249					
\$u	pervising Individual**	License/Permit Number listing authorized Medical Physicist	supervising indi	vidual as an					
	PET-FONG WONE	1 L03084	<i>1</i> X	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
fo	the following types of use:			***					
X	Remote afterloader unit(s)	Teletherapy unit(s) Gamma s	tereotactic radio	surgery unit(s					

1 year of Full-time medical physics training and 1 year of full time work experience cannot be concurrent.

If the supervising medical physicist is not an authorized medical physicist, the licensee must submit evidence that the supervising medical physicist meets the training and experience requirements in 10 CFR 35.51 and 35.59 for the types of use for which the individual is seeking

PAGE 2

FORM 313A (AMP) U.S. NUCLEAR REGULATORY COMMISSIO							
THORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continue							
Education, Training, and Experience for Proposed Authorized Medical Physicist (continued)							
•	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 Wor Experience				
Medical Physics	Elmhurst Mospital/Anecar Mospital		SEPT. 200				
	2157		Jene . 200				
Performing sealed source leak tests and inventories	= 1 mhuse Mapind Ducens Horpital		Sept. 200				
	Var: soute	·	April 10				
Performing decay corrections	Elmhuset Hospine/Queens / Repired		Sept. 2009				
	Var: source		April 20				
Performing full calibration and periodic spot checks of external	Simhunt Hospital/ Queens Hospital 91-2901-01		SEPT. >00				
Performing full calibration and	3-1 6 ×		June . 20				
periodic spot checks of stereotactic radiosurgery unit(s)	_						
Performing full calibration and periodic spot checks of remote	Elmhuncettaperal/Quean Hospied 91-2401-01		Sept. 2004				
afterloading unit(s)	Varisonie		April 200				
Conducting radiation surveys around external beam treatment	Ernhunor Hospinal Queensttosphar		SEPT, mor				
unit(s), sterotactic radiosurgery unit(s), remote after loading unit(s)	11-2901-01 2184 / Varisource		Toma saw				
Supervising Individual**	License/Permit Number listing s	upervising ind	ividual as an				
ZHIGANG XU	91-2901-01						
for the following types of use: Remote afterloader unit(s)	Teletherapy unit(s) Gamma ste	reotactic radi	osurgery unit(
Training and work experience must be conducted in clinical radiation facilities that provide high-energy external beam therapy (photons and electrons with energies greater than or equal to 1 million electron volts) and brachytherapy services.							
1 year of Full-time medical obvious trail	ning and 1 year of full time work experience cannot be concurred	nt					

HORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continuent to the state of the s							
c. Describe training provider and dates of training for each type of use for which authorization is sought.							
Description of Training	Alta Paga Process Communication (1) and a second (1) (1) (1) (1)	Training Provider and Dates					
. No to a superior same as , and a second	Remote Afterloader	Teletherapy	Gamma Stereotactic Radiosurgery				
Hands-on device operation	Physicist Nucletton	Phys: = 1 31- Uarum 2100					
Safety procedures	Feb. 2003 Physicist	Physicist Varian 2100					
ior we device use	Feb . 2463	Dec. 2002	_				
Clinical use of the device	Feb. 2003	Physic 254 Varian 2100 Dec. 2002	<u> </u>				
Treatment planning system operation	Physicist PLATO Feb. 200)	Phys: c:st ADAC Pinnade 3 Dec. 200 ~					
Supervising Individual Il training is provided by Supervising individual is nacessary to document into page.) PEI - Fox 6	ng Medical Pysicist, (If more than one supervisin It supervised training, provide multiple copies of	License/Permit Number listing supervisi	ing individual as an authori				
or the following types Remote afterloads	s of use:	rapy unit(s) Gamma stered	Otactic radiosurgery unit				
f Applicable: Authorization Sou	ight Device	Training Provided By	Dates of Training				

			ID EXPERIENCE AND PRECEP osed Authorized Medical Physic			
c. Describe training provider and dates of training for each type of use for which authorization is sou						
	Description of Training		Training Provider and Dates			
		Remote Afterloader	Teletherapy	Gamma Stereotactic Radiosurgery		
	nds-on device ration		Various Dec. 2008			
	ety procedures the device use		Varian 21 EX Pec. 2004			
Clin dev	ical use of the ice		Varian 2-1 EX Dec. 2-96			
	atment planning em operation		Var: an Eclipse Feb. 2005			
f training of training of the first period of	ual is necessary to document sup	fuse:	License/Permit Number listing sup Medical Physicist	ervising individual as an autho		
fAp	oplicable:					
.	Authorization Sough	t Device	Training Provided B	y Dates of Trainir		
	00 Ophthalmic Use rontium-90					

NRC FO	DRM 313A (AMP)	U.S. NUCLEAR REGULATORY COMMISSION
	IORIZED MEDICAL PHYSICIST TRAINING AND EXP	ERIENCE AND PRECEPTOR ATTESTATION (continued)
7	PART II – PRECEPT	OR ATTESTATION
Note:		ptor. The preceptor does not have to be the supervising or verifies training and experience required. If more than obtain a separate preceptor statement from each.
	section one of the following:	
	1. Board Certification	
	l attest that Name of Proposed Authorized Medical Physicist	has satisfactorily completed the requirements in
	10 CFR 35,51(a)(1) and (a)(2).	.
	2. Education, Training, and Experience	
	I attest that Seungseu Lee Name of Proposed Authorized Medical Physicist	has satisfactorily completed the 1-year of full-time
		of full-time work experience as required by 10 CFR
Secon	AN Section	D
	lete the following:	
	I attest that Securified Lee Name of Propulsed Authorized Medical Physicist	has training for the types of use for which authorization
		safety procedures, clinical use, and the operation of a
	AN	D
	Section	-
Compi	ete the following:	
	Name of Proposed Authorized Medical Physicist	has achieved a level of competency sufficient to
	function independently as an Authorized Medical I	•
	35.400 Ophthalmic use of strontium-90	35.600 Teletherapy unit(s)
	35.600 Remote afterloader unit(s)	35.600 Gamma stereotactic radiosurgery unit(s)
	AN	D
	Section ete the following for preceptor attestation and sign	ature:
	I meet the requirements in 10 CFR 35.51, or equivalent Medical Physicist for the following:	valent Agreement State requirements for Authorized
	35,400 Ophthalmic use of strontium-90	35.600 Teletherapy unit(s)
	25.600 Remote afterloader unit(s)	5.600 Gamma stereotactic radiosurgery unit(s)
Name o	f Preceptor Signature	Telephone Number Date
PE.	I-Tong Wong	5 7/3-792-5326 7/6/07
	/Permit Number/Facility Name	Inderson Cancer Center, Houston,
1	03084 TX _ <u>MD</u>	moterson concer conton, Housen,

NRC FORM 31 (10-2006)	ISA (AMP)			U.S. NUCLEAR REGULATORY COMMISSION
, -,	ED MEDICA	L PHYSICIST TRAIN	ING AND EXF	PERIENCE AND PRECEPTOR ATTESTATION (continued
	ı	PART	II - PRECEPT	OR ATTESTATION
indiv	vidual as long	g as the preceptor pro	vides, directs,	eptor. The preceptor does not have to be the supervising or verifies training and experience required. If more than obtain a separate preceptor statement from each.
First Sectio				
	of the follow	_		
·	Board Certifi	cation		
1) '	1 attest that	Name of Proposed Authoriz	A Madical Physicis	has satisfactorily completed the requirements in
	10 CFR 35.5	1(a)(1) and (a)(2).	eu Medical / Hyaicia	'
			0	R
		raining, and Experie	nce	
	i attest that	Name of Proposed Authoriz	Lee Madical Physicis	has satisfactorily completed the 1-year of full-time
	training in me 35.51(b)(1).	~		of full-time work experience as required by 10 CFR
+=			A	4447
Second Sec	tion		AN	טו
Complete th	ne following:			
X	attest that	Seun C Soo Name of Proposed Authoriz	L LL ed Medical Physicist	has training for the types of use for which authorization
		include hands-on dev nning system.	rice operation,	safety procedures, clinical use, and the operation of a
Third Sectio	on ne following:		AN	D
1	attest that	Seungson	Lee	has achieved a level of competency sufficient to
fı	unction indep	Name of Proposed Authoriza Pendently as an Author	ed Medical Physicist rized Medical f	Physicist for the following:
_	_	ohthalmic use of stron	, 	35.600 Teletherapy unit(s)
		emote afterloader unit		35.600 Gamma stereotactic radiosurgery unit(s)
9	Q 23:555 146	princip discrepance bring	(3)	as sold of the state of the sta
		- 4	AN	D
Fourth Secti Complete th		for preceptor attesta		
\ ₹	meet the req dedical Physi	uirements in 10 CFR (cist for the following:	35.51, or equiv	ralent Agreement State requirements for Authorized
	35.400 Op	hthalmic use of stront	ium-90 🗶 3	5.600 Teletherapy unit(s)
Z Z	7	emote afterloader unit(,—	5.600 Gamma stereotactic radiosurgery unit(s)
Name of Prece	ptor	Signatu	re—//	Telephone Number Date
2416	JANG Number/Facil	Xu	Mig	94 1 631-444-3617 6/25/07
91 - 2	1901-0	W/ Name	u lenc	Hospital Center
		<u> </u>		PAGE 4

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