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RECEIVED
REGION I
2006 SEP -5 PM 1:22

August 25, 2006

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

03003115

Re: Amendment License #37-09463-01 – **LATROBE HOSPITAL**

To whom it may concern,

This correspondence is to request a license amendment to USNRC License number 37-09463-01 issued to Latrobe Area Hospital. We are requesting to add two new Authorized users in Section 12 and one authorized Medical Physicist.

1. Igor Poltinnikov, M.D. (Uses identified in 35.400, 35.600 Ir-192 for uses in a high dose rate remote afterloading unit). Dr. Poltinnikov is recently Board Certified by the American Board of Radiology in Therapeutic Radiology also see enclosed 313A documents.
2. Gregory Haines, D.O. (Uses identified in 35.100, 35.200). Dr. Haines has been previously named on NRC license #22-09562-01 and #22-16766-01, also Minnesota DOH Radioactive Materials License #1071-200-34.
3. Robert P. Specht, MS as an authorized Medical Physicist. Attached is the supporting 313A documentation.

If you have any questions or comments regarding this please do not hesitate to contact myself or Mr. Daniel A. Berkley, RSO, at 724-832-4267. Thank you very much for your attention into this matter.

Sincerely,

Sam Raneri
Senior Vice President of Operations

Frick Hospital

/ Latrobe Hospital

/ Westmoreland Hospital

139367

NMSS/RGNI MATERIALS-002



UPMC Cancer Center

at UPMC Arnold Palmer Pavilion

UPMC Arnold Palmer Pavilio
200 Village Drive
Greensburg, PA 15601
Phone: 724-838-5660
Fax: 724-838-5670

August 8, 2006

To Whom It May Concern:

I am writing this letter on behalf of Robert P. Specht, M.S. who is seeking authorized medical physicist status for Ir-192 Brachytherapy remote afterloaders. Robert P. Specht is certified by the ABR as a medical physicist. He has worked 27 years as a medical physicist and has extensive brachytherapy experience. He has completed a year of high dose rate (HDR) brachytherapy training under my supervision and the supervision of other certified medical physicists at the UPMC Cancer Centers. His experience includes:

- brachytherapy source (Ir-192) leak tests,
- brachytherapy source (Ir-192 and I-125) decay measurements and calculations,
- remote afterloader output (Ir-192) measurements, position measurements, retraction by battery backup, transfer tube and applicator checks, timer accuracy and linearity, indicator lights, viewing and intercom systems, electrical and mechanical stops, treatment room doors, emergency response equipment,
- radiation safety training (Ir-192 remote afterloader, linear accelerator, and I-125 seeds) and radiation surveys,
- remote afterloader source (Ir-192) exchange and training.

This training and experience covers that required by the NRC in accordance with 10CFR section 35.51 including sections 35.67, 35.632, 35.633, 35.642, 35.643, and 35.652.

Robert P. Specht has assisted in the planning and delivery of HDR "Vaginal Cylinder" plans, multiple needle prostate plans, endobronchial plans, urethra and esophageal plans. The planning was done on Nucletron's Plato planning system using version 14.2. He also has extensive experience with external beam planning and linear accelerator QA.

Sincerely,

Edward D. Brandner, Ph.D.
Medical Physicist
UPMC Arnold Palmer Pavilion
200 Village Drive
Greensburg, PA 15601

NCI

**MEDICAL USE TRAINING AND EXPERIENCE
AND PRECEPTOR ATTESTATION**APPROVED BY OMB: NO. 3150-0120
EXPIRES: 10/31/2008**PART I -- TRAINING AND EXPERIENCE****Note:** Descriptions of training and experience must contain sufficient detail to match the training and experience criteria in the applicable regulation (10 CFR Part 35)

1. Name of Individual, Proposed Authorization (e.g., Radiation Safety Officer), and Applicable Training Requirements (e.g., 10 CFR 35.50)

Robert Specht

2. For Physicians, Podiatrists, Dentists, Pharmacists -- State or Territory Where Licensed

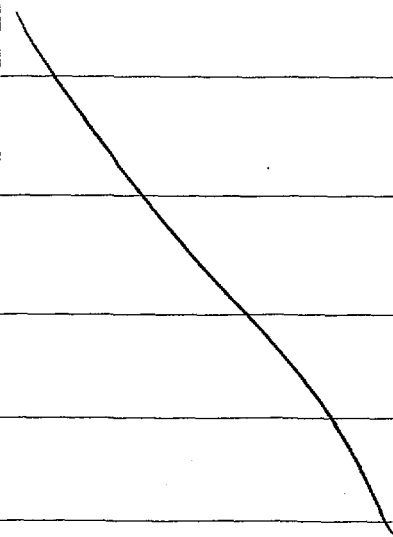
3. CERTIFICATION

- a. Provide a copy of the board certification. (Stop here if applying under 10 CFR Part 35, Subpart J or 35.590(a); continue if applying under other subparts.)
- b. Provide documentation in appropriate items 4 through 10 of training or clinical case work required by 35.50(e); 35.51(c); 35.290(c)(1)(ii)(G) for AU seeking 35.200 authorization; 35.390(b)(1)(ii)(G); 35.396(d)(1) and 35.396(d)(2); 35.590(c); or 35.690(c).
- c. Provide completed Part II Preceptor Attestation, Items 11a through 11d.
- Stop here after completing items 3a, 3b, and 3c when using board certification to meet 10 CFR Part 35 training and experience requirements.

**4. INDIVIDUALS IDENTIFIED ON A LICENSE OR PERMIT AS RADIATION SAFETY OFFICERS (RSO),
AUTHORIZED USERS (AU), AUTHORIZED MEDICAL PHYSICISTS (AMP), OR
AUTHORIZED NUCLEAR PHARMACISTS (ANP) SEEKING ADDITIONAL AUTHORIZATIONS**

- a. Provide a copy of the license or broadscope permit listing the current authorization **and** (b) or (c)
- b. Complete items 6c (and 10 when training is provided by an RSO, AMP, ANP, or AU) and preceptor items 11b through 11d to meet requirements for: RSO in 35.50(c)(2) or 35.50(e); or AU in 35.290(c)(1)(ii)(G) or 35.390(b)(1)(ii)(G) or 35.590(c) or 35.690(c); or AMP under 35.51(c).
- c. Complete items 5, 6a, 6b, 10, and Preceptor items 11a through 11d to meet AU requirements in 35.396(a).

5. DIDACTIC OR CLASSROOM AND LABORATORY TRAINING (optional for Medical Physicists)

Description of Training	Location	Clock Hours	Dates of Training
Radiation Physics and Instrumentation			
Radiation Protection			
Mathematics Pertaining to the Use and Measurement of Radioactivity			
Radiation Biology			
Chemistry of Byproduct Material for Medical Use			
OTHER			

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

6a. WORK OR PRACTICAL EXPERIENCE WITH RADIATION

Description of Experience	Name of Supervising Individual(s)	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience
performed sealed source leak tests + inventories for HDR Ir-192 + other sources	Ed Brandner	Latrebe Area Hospit 37-09463-01	> 10 hrs
performed decay corrections for HDR Ir-192 + also for Co-60 teletherapy units	Ed Brandner for Ir-192	"	> 10 hrs
performed full calibration + periodic spot checks of external beam treatment units + remote after loading units (HDR)	Ed Brandner	"	> 10 hrs
conducted radiation surveys around remote after loading units (HDR) + also around external beam treatment units	Ed Brandner	"	> 10 hrs
performed decay corrections for Co-60 units	Shlomo Yonev	Pittsburgh, PA Montefiore Hosp	~ 10 years ago 20 hrs exp

6b. SUPERVISED CLINICAL CASE EXPERIENCE (describe experience elements in 6a)

Radionuclide	Type of Use	No. of Cases Involving Personal Participation	Name of Supervising Individual	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience
Ir-192	prostate HDR	~10	Ed Brandner	Latrebe Area Hosp 37-09463-01	> 10
Ir-192	Vaginal cuff HDR	~20	Ed Brandner	"	> 20
Ir-192	endobronchial HDR	~5	Ed Brandner	"	> 5
Hi Energy x-ray ext beam photons		> 100	Ed Brandner	"	> 200
Hi Energy elect superficial Rx		> 20	Ed Brandner	"	

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

6c. TRAINING FOR SECTIONS 35.50(e), 35.51(c), 35.590(c), or 35.690(c)

Training Element	Type of Training *	Location and Dates
hands-on experience in operation procedures, clinical use, & operation of treatment planning system	Vendor training	6/22/05 Latrobe Area Hospital

* Types of training may include supervised (complete item 10 for 35.50(e), 35.51(c), and 35.690(c)), didactic, or vendor training.

7. FORMAL TRAINING Physicians (for uses under 35.400 and 35.600) and Medical Physicists

Degree, Area of Study or Residency Program	Name of Program and Location with Corresponding Materials License Number	Dates	Name of Organization that Approved the Program (e.g., Accreditation Council for Graduate Medical Education) and the Applicable Regulation (e.g., 10 CFR 35.490)
M.S. in Health Physics	Grad. School of Public Health U. of Pittsburgh Pittsburgh, PA	1978	

8. RADIATION SAFETY OFFICER (RSO) -- ONE-YEAR FULL-TIME EXPERIENCE

- ☐ YES Completed 1 year of full-time radiation safety experience (in areas identified in item 6a) under supervision.
☐ N/A of _____ the RSO for License No. _____

9. MEDICAL PHYSICIST -- ONE-YEAR FULL-TIME TRAINING/WORK EXPERIENCE

- ☒ YES Completed 1 year of full-time training (for areas identified in item 6a) in therapeutic radiological physics (35.961) or medical physics (35.51) under the supervision of Andrew G. Bykov, Jr.
☐ N/A who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51);

and

- ☒ YES Completed 1 year of full-time work experience (at location providing radiation therapy services described and for topics identified in item 6a) for (specify use or device) Latrobe Area Hospital
☐ N/A under the supervision of Ed Brandner who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51) (specify use or device) after loader.

NRC FORM 311A 04-1999		U.S. NUCLEAR REGULATORY COMMISSION	
MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)			
<p align="center">10. SUPERVISING INDIVIDUAL - IDENTIFICATION AND QUALIFICATIONS</p> <p>The training and experience indicated above was obtained under the supervision of (if more than one supervising individual is needed to meet requirements in 10 CFR 35, provide the following information for each):</p>			
<p>A. Name of Supervisor <u>Ed Brandner</u></p>		<p>B. Supervisor is:</p> <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Authorized User <input type="checkbox"/> Radiation Safety Officer </div> <div> <input checked="" type="checkbox"/> Authorized Medical Physicist <input type="checkbox"/> Authorized Nuclear Pharmacist </div> </div>	
<p>C. Supervisor meets requirements of Part 35, Section(s) _____ for medical use in Part 35, Section(s) _____</p>			
<p>D. Address _____</p>		<p>E. Material License Number _____</p>	
<p>PART II - PRECEPTOR ATTESTATION</p>			
<p>Note: This part must be completed by the individual's preceptor. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each. This part is not required to meet the training requirements in 35.580 or Part 35, Subpart J (except 35.880).</p>			
<p>I attest the individual named in Item 1:</p>			
<p>11a. <input checked="" type="checkbox"/> has satisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) _____ as documented in section(s) <u>6, 7 & 9</u> of this form.</p>			
<p>11b. Select one</p> <div style="display: flex;"> <div style="flex: 1;"> <input checked="" type="checkbox"/> meets the requirements in <input type="checkbox"/> 35.50(a), <input checked="" type="checkbox"/> 35.51(c), <input type="checkbox"/> 35.580(b)(1)(ii)(C), <input type="checkbox"/> 35.880(c) for _____ types of use, as documented in section(s) <u>6, 7 & 9</u> of this form. </div> <div style="flex: 1;"> <input type="checkbox"/> N/A </div> </div>			
<p>11c. <input type="checkbox"/> has achieved a level of competency sufficient to operate a nuclear pharmacy (for 35.880); OR</p> <p><input checked="" type="checkbox"/> has achieved a level of competency sufficient to function independently as an authorized <u>AMP</u> for <u>Pu-192 & Co-60</u> (HRR) uses (or units); OR</p> <p><input type="checkbox"/> has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee; OR</p> <p><input type="checkbox"/> N/A</p>			
<p>11d. <input type="checkbox"/> I am an Authorized Nuclear Pharmacist; OR <input type="checkbox"/> I am a Radiation Safety Officer; OR</p> <p><input checked="" type="checkbox"/> I meet the requirements of <u>35.51</u> section(s) of 10 CFR Part 35 or equivalent Agreement State requirements to be a preceptor. <input type="checkbox"/> All or <input checked="" type="checkbox"/> AMP for the following byproduct material uses (or units): <u>Pu-192 HRR</u></p>			
<p>A. Address _____</p>		<p>B. Material License Number _____</p>	
<p><u>Latrobe Area Hospital Latrobe PA</u></p>		<p><u>37-09463-01</u></p>	
<p>C. NAME OF PRECEPTOR (print clearly) <u>Edward O Brandner</u></p>		<p>D. SIGNATURE - PRECEPTOR <u>Edward O Brandner</u></p>	
		<p>E. DATE <u>6/9/06</u></p>	

84211

ANNUAL HDR TRAINING

Given by

David E. Glasgow
 [Signature] 7-20-06

TOPICS

- a. description of HDR unit including safety systems, applicators, and accessories
- b. operating and emergency procedures for the HDR device appropriate to the duties of the employees
- c. appropriate response to emergencies or unsafe conditions
- d. radiological safety procedures appropriate to the duties of the employees
- e. radiation protection and instrumentation, including the use of personal dosimeters, survey instruments, and area radiation monitors
- f. pertinent terms and conditions of the NRC license, including procedures developed as a prerequisite for obtaining the license and commitments incorporated into the license
- g. pertinent NRC regulations including right to know of being informed of radiation exposure,
- h. locations of available notices, copies of regulations, copies of the license and conditions, NRC-3 map, (including how to contact NRC if radiation safety concerns do not appear to be fully addressed), 10 CFR 19, 20, and 35
- i. obligation of all personnel to report unsafe conditions to the RSO
- j. procedures for shipping and receiving the Ir-192 sealed source (for appropriate personnel)
- k. dry runs for all concerned with HDR treatments of patients, (to include routine patient set-up and treatment, and emergency procedures)
- l. areas where pertinent radioactive materials are stored and used
- m. potential hazard associated with radioactive material
- n. questions and answers

ATTENDEES

[Handwritten signatures:]

Wm. J. McPherson
J. P. Miller
R. B. Smith
Robt. Specht
Edw. W. Kirtland

COMPETENCY DEEMED SATISFACTORY,
(by authorized user and HDR
physicist, Y/N)

4
4
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4
4
4
4
4

PEER REVIEW REGARDING PATIENT SET-UP AND EMERGENCY PROCEDURES

DATE _____

DATE 7/20/06



Nucletron

Field Training Report

Nucletron Corporation, Service Department, 8671 Robert Fulton Drive, Columbia, MD 21046 PH: 410-872-4400 Fax: 410-312-4100

Customer: <u>Luttrell Hospital</u>		<input checked="" type="checkbox"/> Contract <input type="checkbox"/> Install		Charge Type <input type="checkbox"/> No Charge <input type="checkbox"/> Warranty		<input type="checkbox"/> Bill <input type="checkbox"/> Other	
Address: <u>Luttrell PA</u>		Call Number		Rtn. Visit Required			
Phone No.	Course Instructor	Date In	Out				
PO No.	DAVID GLESSNER	Time In	Time Out				
		7-20-06		7-20-06			
		12:00pm		1:00pm			

Training Given

Afterloader emergency training procedures V2 Emergency Training

Attendance Registration

Name	Title	Department	Signature
SANJEEV BAHAI		R.O.	
Igor Poltinnikov		R.O.	
Andrew Bukovitz		RO	
Sharon Percinsky		RO	
ROBERT SPECHT		R.O.	
Edward P Brandner		RO	
DANIELA BENKOW		Pro Selby	
Nancy McElhatten		R.O.	

Remarks

All of the Above Completed

For Office Use Only - This Is Not An Invoice

Travel Charged	0.00 Hrs	Airline	\$0.00	Travel Expenses (Meals, Tolls, etc)	\$0.00
Regular Charged	Hrs	Rental Car	\$0.00		
Overtime Charged	Hrs	Hotel	\$0.00		
O/T (Sundays & Holidays)	Hrs	No. of Miles	\$0.00		

We certify that the training noted in this document has been carried out in accordance with the manufacturer's instructions by Nucletron's authorized representative and with proper supervision by:

Course Instructor

Customer



Jefferson Health System®

Maria Werner-Wasik, MD

Associate Professor
Residency Program Director
Department of Radiation Oncology
Bodine Center for Cancer Treatment

Thomas Jefferson
University Hospitals

July 10, 2006

Thomas Jefferson
University Hospital

Methodist Hospital
Division

Re: Igor Poltinnikov, M.D.

Jefferson Hospital for
Neuroscience

To Whom It May Concern:

Ford Road Campus

Dear Sir / Madam:

Methodist Hospital
Nursing Center

I am writing on behalf of Igor Poltinnikov, MD who is seeking the medical privileges as an authorized user in remote afterloader units including high dose rate (HDR) procedures at your facility. Dr. Poltinnikov satisfactory completed 4 years of supervised clinical experience in radiation oncology during his residency training at Thomas Jefferson University (TJU) Radiation Oncology Program, Philadelphia, PA (7/1/02 – 6/30/06). He completed more than 200 hours classroom / laboratory training in radiation biology and physics, radiation instrumentation and protection and mathematical applications for use and measurements of radioactivity. He performed more than 50 HDR procedures and has more than 500 hours work experience under an authorized user's supervision who meets requirement in sec. 35.690 or equivalent Agreement State requirement, as part of a formal training program approved by the Residency Review Committee for Radiation Oncology of Graduate Medical Education Council. He is also trained in implementing emergency and safety procedures for abnormal operation of remote afterloader units as part of TJU Radiation Oncology regular in-service review / training. I highly recommend Dr. Poltinnikov as an authorized user of remote afterloader units including HDR equipment at your hospital / facility. If you have any further questions, please do not hesitate to contact me directly at 215-955-6705.

Sincerely,

Maria Werner-Wasik, MD
Associate Professor
Residency Training Director
Thomas Jefferson University
Radiation Oncology

NRC FORM 315A <small>(10-2006)</small>	U.S. NUCLEAR REGULATORY COMMISSION MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 10/31/2008	
PART I - TRAINING AND EXPERIENCE			
Note: Descriptions of training and experience must contain sufficient detail to match the training and experience criteria in the applicable regulation (10 CFR Part 35)			
1. Name of Individual, Proposed Authorization (e.g., Radiation Safety Officer), and Applicable Training Requirements (e.g., 10 CFR 35.50) <div style="text-align: center; font-size: 1.5em; margin-top: 10px;">Igor Poltinnikov</div>			
2. For Physicians, Podiatrists, Dentists, Pharmacists -- State or Territory Where Licensed <div style="text-align: center; font-size: 1.5em; margin-top: 10px;">PA</div>			
3. CERTIFICATION			
a. Provide a copy of the board certification. (Stop here if applying under 10 CFR Part 35, Subpart J or 35.590(a); continue if applying under other subparts.) b. Provide documentation in appropriate items 4 through 10 of training or clinical case work required by 35.50(e); 35.51(c); 35.290(c)(1)(ii)(G) for AU seeking 35.200 authorization; 35.390(b)(1)(ii)(G); 35.396(d)(1) and 35.396(d)(2); 35.590(c); or 35.690(c). c. Provide completed Part II Preceptor Attestation, items 11a through 11d. Stop here after completing items 3a, 3b, and 3c when using board certification to meet 10 CFR Part 35 training and experience requirements.			
4. INDIVIDUALS IDENTIFIED ON A LICENSE OR PERMIT AS RADIATION SAFETY OFFICERS (RSO), AUTHORIZED USERS (AU), AUTHORIZED MEDICAL PHYSICISTS (AMP), OR AUTHORIZED NUCLEAR PHARMACISTS (ANP) SEEKING ADDITIONAL AUTHORIZATIONS			
a. Provide a copy of the license or broadscope permit listing the current authorization and (b) or (c) b. Complete items 6c (and 10 when training is provided by an RSO, AMP, ANP, or AU) and preceptor items 11b through 11d to meet requirements for: RSO in 35.50(c)(2) or 35.50(e); or AU in 35.290(c)(1)(ii)(G) or 35.390(b)(1)(ii)(G) or 35.590(c) or 35.690(c); or AMP under 35.51(c). c. Complete items 5, 6a, 6b, 10, and Preceptor items 11a through 11d to meet AU requirements in 35.396(a).			
5. DIDACTIC OR CLASSROOM AND LABORATORY TRAINING (optional for Medical Physicists)			
Description of Training	Location	Clock Hours	Dates of Training
Radiation Physics and Instrumentation	Thomas Jefferson Univ. Bodine Cancer Center	200	7/1/02 - 6/30/06
Radiation Protection	same	200	7/1/02 - 6/30/06
Mathematics Pertaining to the Use and Measurement of Radioactivity	same	200	7/1/02 - 6/30/06
Radiation Biology	same	200	7/1/02 - 6/30/06
Chemistry of Byproduct Material for Medical Use	same	200	7/1/02 - 6/30/06
OTHER			

NRC FORM 513A
(10-2005)

U.S. NUCLEAR REGULATORY COMMISSION

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

6a. WORK OR PRACTICAL EXPERIENCE WITH RADIATION

Description of Experience	Name of Supervising Individual(s)	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience
Implanting/removing/preparing brachytherapy sources	Maria Warner-Wink, MD	Thomas Jefferson Univ Bodine Cancer Center	7/1/02-6/30/06
Using emergency procedures to control hypodermic material	Maria Warner-Wink, MD	-11-	7/1/02-6/30/06
Checking survey meters for proper operation / using survey meters	Maria Warner-Wink, MD	-11-	7/1/02-6/30/06
Evaluating treatment plans and treatment doses / times	Maria Warner-Wink, MD	-11-	7/1/02-6/30/06
Implementing emergency procedures to be followed in the event of abnormal operation of medical device	Maria Warner-Wink, MD	-11-	7/1/02-6/30/06
Selecting the proper dose and how it is to be administered	Maria Warner-Wink, MD	-11-	7/1/02-6/30/06
Reviewing full calibration measurements and periodic spot-checks	Maria Warner-Wink, MD	-11-	7/1/02-6/30/06
Using administrative controls to prevent medical event, including the use of hypodermic material	Maria Warner-Wink, MD	-11-	7/1/02-6/30/06

6b. SUPERVISED CLINICAL CASE EXPERIENCE (describe experience elements in 6a)

Radionuclide	Type of Use	No. of Cases Involving Personal Participation	Name of Supervising Individual	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience
I-125	prostate brachytherapy HDR	60	Maria Warner-Wink	Thomas Jefferson Univ.	>300 hrs
Ir-192	vaginal cuff HDR	26	Maria Warner-Wink	Thomas Jefferson Univ	>100 hrs
Ir-192	ring tandem HDR for cervical CA	26	Maria Warner-Wink	-11-	>100 hrs
Ir-192	BRIT implantation	2	Maria Warner-Wink	-11-	>10 hrs
Ir-192	Bile duct HDR	2	Maria Warner-Wink	-11-	>10 hrs

NRC FORM 313A (10-2005)		U.S. NUCLEAR REGULATORY COMMISSION	
MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)			
6c. TRAINING FOR SECTIONS 35.50(e), 35.51(c), 35.590(c), or 35.690(c)			
Training Element	Type of Training *	Location and Dates	
hands-on experience in brachytherapy (internal/external)	Supervised and didactic as part of residency training	Thomas Jefferson Univ. 7/1/02 - 6/30/06	
hands-on experience in conducting brachytherapy plans/ dosimetry	-/-	-/-	
* Types of training may include supervised (complete item 10 for 35.50(e), 35.51(c), and 35.690(c)), didactic, or vendor training.			
7. FORMAL TRAINING Physicians (for uses under 35.400 and 35.600) and Medical Physicists			
Degree, Area of Study or Residency Program	Name of Program and Location with Corresponding Materials License Number	Dates	Name of Organization that Approved the Program (e.g., Accreditation Council for Graduate Medical Education) and the Applicable Regulation (e.g., 10 CFR 35.490)
Radiation Oncology Residency Training	Thomas Jefferson University, Philadelphia, PA	7/1/02 - 6/30/06	ACGME
8. RADIATION SAFETY OFFICER (RSO) - ONE-YEAR FULL-TIME EXPERIENCE			
<input type="checkbox"/> YES Completed 1 year of full-time radiation safety experience (in areas identified in item 6a) under supervision. <input type="checkbox"/> N/A of _____ the RSO for License No. _____			
9. MEDICAL PHYSICIST - ONE-YEAR FULL-TIME TRAINING/WORK EXPERIENCE			
<input type="checkbox"/> YES Completed 1 year of full-time training (for areas identified in item 6a) in therapeutic radiological physics (35.981) or medical physics (35.51) under the supervision of _____ <input type="checkbox"/> N/A who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51); <div style="text-align: center;">and</div> <input type="checkbox"/> YES Completed 1 year of full-time work experience (at location providing radiation therapy services described and for topics identified in item 6a) for (specify use or device) _____ <input type="checkbox"/> N/A under the supervision of _____ who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51) (specify use or device) _____			

NRC FORM 313A
(10-2005)

U.S. NUCLEAR REGULATORY COMMISSION

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

10. SUPERVISING INDIVIDUAL - IDENTIFICATION AND QUALIFICATIONS

The training and experience indicated above was obtained under the supervision of (if more than one supervising individual is needed to meet requirements in 10 CFR Part 35, provide the following information for each):

A. Name of Supervisor

B. Supervisor is:

Marie Werner-Wasik, MD☒ Authorized User☐ Authorized Medical Physicist☐ Radiation Safety Officer☐ Authorized Nuclear Pharmacist

C. Supervisor meets requirements of Part 35, Section(s)

490, 690

for medical uses in Part 35, Section(s)

490, 690

D. Address

Bolton Cancer Center, Radiation Oncology
111 S. 4th Street
Philadelphia, PA 19101

E. Materials License Number

PART II - PRECEPTOR ATTESTATION

Note: This part must be completed by the individual's preceptor. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each. This part is not required to meet training requirements in 35.590 or Part 35, Subpart J (except 35.980).

I attest the individual named in Item 1:

11a.

☐

has satisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) 490, 690
as documented in section(s) 5, 6, 7 of this form.

11b. Select one

☒meets the requirements in ☐ 35.50(e) ☐ 35.51(c) ☒ 35.590(b)(1)(ii)(G) ☐ 35.690(c) for☐ N/Atypes of use, as documented in section(s) 5, 6, 7 of this form.

11c.

☐

has achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35.980); OR

☒

has achieved a level of competency sufficient to function independently as an authorized

user/physicianfor radiation oncology uses (or units); OR☐

has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee; OR

☐ N/A

11d.

☐

I am an Authorized Nuclear Pharmacist; OR

☐

I am a Radiation Safety Officer; OR

☒

I meet the requirements of authorized physician 35.400 35.23, 35.39, 35.59, 35.69
35.600 section(s) of 10 CFR Part 35

or equivalent Agreement State requirements to be a preceptor

☒ AU or☐ AMPfor the following byproduct material uses (or units): Tl-201 HDR and HDR (and Co-60)

A. Address

Bolton Cancer Center / Radiation Oncology
111 S. 4th Street
Philadelphia, PA 19101

B. Materials License Number

C. NAME OF PRECEPTOR (print clearly)

Marie Werner-Wasik, MD

D. SIGNATURE - PRECEPTOR

M. Werner-Wasik

E. DATE

8-17-06

ANNUAL HDR TRAINING

Given by

Paul E. Glasser

Part 562 7-20-06

TOPICS

- a. description of HDR unit including safety systems, applicators, and accessories
- b. operating and emergency procedures for the HDR device appropriate to the duties of the employees
- c. appropriate response to emergencies or unsafe conditions
- d. radiological safety procedures appropriate to the duties of the employees
- e. radiation protection and instrumentation, including the use of personal dosimeters, survey instruments, and area radiation monitors
- f. pertinent terms and conditions of the NRC license, including procedures developed as a prerequisite for obtaining the license and commitments incorporated into the license
- g. pertinent NRC regulations including right to know of being informed of radiation exposure,
- h. locations of available notices, copies of regulations, copies of the license and conditions, NRC-3 map, (including how to contact NRC if radiation safety concerns do not appear to be fully addressed), 10 CFR 19, 20, and 35
- i. obligation of all personnel to report unsafe conditions to the RSO
- j. procedures for shipping and receiving the Ir-192 sealed source (for appropriate personnel)
- k. dry runs for all concerned with HDR treatments of patients, (to include routine patient set-up and treatment, and emergency procedures)
- l. areas where pertinent radioactive materials are stored and used
- m. potential hazard associated with radioactive material
- n. questions and answers

ATTENDEES

Nancy McGowan
J.P. Miller
John Smith
Robert Specht
Edgar Krumm
Donald Perry 190

COMPETENCY DEEMED SATISFACTORY
(by authorized user and HDR
physicist, Y/N)

4
4
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4

PEER REVIEW REGARDING PATIENT SET-UP AND EMERGENCY PROCEDURES

DATE _____

DATE 7/20/06



Nucletron

Field Training Report

Nucletron Corporation, Service Department, 8671 Robert Fulton Drive, Columbia, MD 21046 PH: 410-872-4400 Fax: 410-312-4196

Customer <i>LaTrabe Hospital</i>		<input checked="" type="checkbox"/> Contract <input type="checkbox"/> Install		Charge Type <input type="checkbox"/> No Charge <input type="checkbox"/> Warranty		<input type="checkbox"/> Bill <input type="checkbox"/> Other	
Address <i>LaTrabe PA</i>		Call Number		Rtn. Visit Required			
Phone No.	Course Instructor	Date In	Out				
PO No.	DAVID GLESSNER	Time In <i>12:00pm</i>	Time Out <i>1:00pm</i>				

Training Given

Afterloader emergency training procedures *V2 Emergency Training*

Attendance Registration

Name	Title	Department	Signature
<i>SANJEEV BAHRI</i>		<i>R.O.</i>	<i>[Signature]</i>
<i>Igor Poltinnikov</i>		<i>R.O.</i>	<i>[Signature]</i>
<i>Andrew Bukoutz</i>		<i>RO</i>	<i>[Signature]</i>
<i>Sharon Percinsky</i>		<i>RO</i>	<i>[Signature]</i>
<i>ROBERT SPECHT</i>		<i>R.O.</i>	<i>Robert Specht</i>
<i>Edward P Brandner</i>		<i>RO</i>	<i>Eden & Brandner</i>
<i>DANIELA BERKNER</i>		<i>Pro Safety</i>	<i>[Signature]</i>
<i>Nancy McIlhenny</i>		<i>R.O.</i>	<i>Nancy McIlhenny</i>

Remarks

All of the Above Completed

For Office Use Only - This Is Not An Invoice

Travel Charged	0.00 Hrs	Airfare	\$0.00	Travel Expenses (Meals, Tolls, etc)	\$0.00
Regular Charged	Hrs	Rental Car	\$0.00		
Overtime Charged	Hrs	Hotel	\$0.00		
O/T (Sundays & Holidays)	Hrs	No of Miles	\$0.00		

We certify that the training noted in this document has been carried out in accordance with the manufacturer's instructions by Nucletron authorized representative and with proper supervision by:

Course Instructor

Customer

[Signature]

[Signature]

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 license 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 below.

<p>Licensee</p> <p>1. Rice Memorial Hospital</p> <p>2. 301 Becker Avenue, S.W. Willmar, MN 56201-3395</p>	<p>In accordance with letter dated September 6, 2005,</p> <p>3. License number 22-09562-01 is amended in its entirety as follows:</p> <p>4. Expiration date July 31, 2015</p> <p>Packet No. 030-02239 Reference No.</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200 (excluding xenon-135)</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed sources (3M model Nos. 6501, 6502 and 6503)</p> <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 100 millicuries</p> <p>D. 1 curie total</p>
<p>9. Authorized Use:</p> <p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.</p> <p>D. Any manual brachytherapy procedure permitted by 10 CFR 35.400 and cesium-137 for instrument calibration.</p>	

MATERIALS LICENSE SUPPLEMENTARY SHEET

License Number
22-09562-01

Docket or Reference Number
030-02239

Amendment No. 39

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 301 Becker Avenue, S.W., Willmar, Minnesota and may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. Radiation Safety Officer for this license is Paul Elliott, M.S.

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 or 35.14.
B. The following individuals are authorized users for the materials and uses indicated:

Authorized Users

Paul Elliott, M.S.

Barry O. Sewall, M.D.

Jwong H. Ling, M.D.

Philip J. Fearahn, M.D.

Nancy Ann Hallo, M.D.

Gregory A. Haines, D.O.

Albert H. Ruhe, M.D.

Material and Use

Cesium-137 for instrument calibration.

10 CFR 35.100 and 35.200.

10 CFR 35.400.

10 CFR 35.100, 35.200 and 35.300.

10 CFR 35.100 and 35.200 (excluding xenon-133).

10 CFR 35.100 and 35.200.

10 CFR 35.100, 35.200 and 35.300.

13. The licensee is authorized to transport licensed material only 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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
22-09562-01Docket or Reference Number
030-02239

Amendment No. 39

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. 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 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.


A. Application dated June 16, 2005.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date OCT 11 2005

By


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

**RADIOACTIVE MATERIALS LICENSE**

Pursuant to Minnesota Statute 144.12 and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer radioactive materials 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 rules. This license is subject to all applicable rules and orders of the Minnesota Department of Health including the Minnesota Radioactive Materials Rules, Chapter 4731, now or hereafter in effect, and to any conditions specified below.

Licensee

In accordance with the documents listed in Item 15, the Minnesota Department of Health Radioactive Materials License is issued to read as follows:

1. Rice Memorial Hospital
2. 301 Becker Avenue SW
Willmar, Minnesota 56201

3. License Number: 1071-200-34

4. Expiration Date: July 31, 2015

Program Code	
Primary: 2120	Secondary:

- | | | |
|--|--|--|
| 5. Byproduct, Source Special Nuclear and/or Natural Occurring or Accelerator Produced Radioactive Material | 6. Chemical and/or Physical Form | 7. Maximum Amount that Licensee May Possess At Any One Time Under This License |
| A. Any radioactive material authorized by 4731.4432 | A. Any | A. As needed |
| B. Any radioactive material authorized by 4731.4434 (excluding Xenon-133) | B. Any | B. As needed |
| C. Any radioactive material authorized by 4731.4440 | C. Any | C. 100 millicuries |
| D. Any radioactive material authorized by 4731.4450 | D. Sealed sources (3M Model Nos. 6501, 6502, and 6503) | D. 1 curie total |

8. AUTHORIZED USE

- A. Any uptake, dilution and excretion study authorized by 4731.4432.
- B. Any imaging and localization study authorized by 4731.4434.
- C. Any diagnostic study or therapy procedure authorized by 4731.4440.
- D. Any manual brachytherapy procedure as authorized by 4731.4450 and Cesium-137 for instrument calibration.

**RADIOACTIVE MATERIALS LICENSE**

SUPPLEMENTARY SHEET

LICENSE No. 1071-200-34

CONDITIONS

9. A. Licensed material may be used or stored at the licensee's facilities located at 301 Becker Avenue SW, Willmar, Minnesota.
- B. Licensed material may also be used at temporary job sites of the licensee anywhere in the State of Minnesota where the Minnesota Department of Health maintains jurisdiction for regulating the use of licensed material.

10. The Radiation Safety Officer for this license is Paul Elliott, M.S.

11. 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 4731.4403.
- B. The following individuals are authorized users for the materials and uses indicated:

Authorized UsersMaterial and Use

Paul Elliott, M.S.

Cesium-137 for instrument calibration.

Phillip J. Fearahn, M.D.

Material authorized by 4731.4432, 4731.4434, and 4731.4440.

Gregory A. Haines, D.O.

Material authorized by 4731.4432 and 4731.4434.

Nancy Ann Hallo, M.D.

Material authorized by 4731.4432 and 4731.4434 (excluding Xenon-133).

Jwong H. Ling, M.D.

Material authorized by 4731.4450.

Albert H. Ruhe, M.D.

Material authorized by 4731.4432, 4731.4434, and 4731.4440.

Barry O. Sewall, M.D.

Material authorized by 4731.4432 and 4731.4434.

12. Authorized users of radioactive material in medical applications must meet the training and experience in 10 CFR 35 subparts D, E, F, G and H, and the recentness of experience requirements in Minnesota Rules, part 4731.4415. In addition, the requirements for the following users (as defined in 10 CFR 35.2) apply:

- A. 10 CFR 35.50 for Radiation Safety Officer (RSO)
- B. 10 CFR 35.51 for Authorized Medical Physicists



RADIOACTIVE MATERIALS LICENSE

SUPPLEMENTARY SHEET

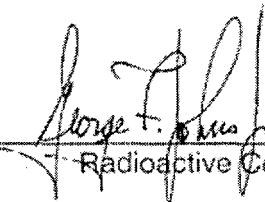
LICENSE No. 1071-200-34

13. In addition to the possession limits in Item 7, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in Chapter 4731.3080 for establishing decommissioning financial assurance.
14. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71 "Packaging and Transportation of Radioactive Material." Nothing in this license condition applies to the extent that the person is subject to regulations of the NRC.
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 except for minor changes in the medical use radiation safety procedures as provided by 4731.4405 Subpart 2. The Minnesota Department of Health rules shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the rules.
- A. NRC application dated June 16, 2005.
- B. Minnesota Department of Health license application dated February 23, 2006.

For the Minnesota Department of Health

Date: 3/27/06By: 
Radioactive Materials Group

Approval

Date: MAR 31 2006By: 
Radioactive Control Unit Supervisor

Concurrence

Date: MAR 31 2006By: 
Section Manager

**RADIOACTIVE MATERIALS LICENSE**

Pursuant to Minnesota Statute 144.12 and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer radioactive materials 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 rules. This license is subject to all applicable rules and orders of the Minnesota Department of Health including the Minnesota Radioactive Materials Rules, Chapter 4731, now or hereafter in effect, and to any conditions specified below.

Licensee		In accordance with the application dated February 23, 2006, the Minnesota Department of Health Radioactive Materials License is issued to read as follows:	
1. Rice Memorial Hospital		3. License Number: 1071-100-34	
2. 301 Becker Avenue SW Wilmar, Minnesota 56201		4. Expiration Date: March 3, 2011	
		Primary: 2220 Program Code Secondary:	
5. Byproduct, Source Special Nuclear and/or Natural Occurring or Accelerator Produced Radioactive Material	6. Chemical and/or Physical Form	7. Maximum Amount that Licensee May Possess At Any One Time Under This License	
A. Thallium-201	A. Liquid	A. 30 millicuries	
B. Palladium-103	B. Sealed sources	B. Not to exceed 750 millicuries	
8. AUTHORIZED USE			
A. Any imaging and localization studies authorized by Chapter 4731.4434.			
B. Any manual brachytherapy procedure as authorized by Chapter 4731.4450.			
CONDITIONS			
9. A. Licensed material may be used or stored at the licensee's facilities located at 301 Becker Avenue SW, Wilmar, Minnesota.			
B. Licensed material may also be used at temporary job sites of the licensee anywhere in the State of Minnesota where the Minnesota Department of Health maintains jurisdiction for regulating the use of licensed material.			
10. The Radiation Safety Officer for this license is Paul Elliott, M.S.			



RADIOACTIVE MATERIALS LICENSE

SUPPLEMENTARY SHEET

LICENSE NO. 1071-100-34

11. 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 4731.4403 subp. 3 and 4731.4403 subp. 4

B. The following individuals are authorized users for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Phillip J. Fearahn, M.D.	Thallium-201 as authorized in Chapter 4731.4434.
Gregory A. Haines, D.O.	Thallium-201 as authorized in Chapter 4731.4434.
Nancy Ann Hallo, M.D.	Thallium-201 as authorized in Chapter 4731.4434.
Jwong H. Ling, M.D.	Palladium-103 as authorized in Chapter 4731.4450.
Albert H. Ruhe, M.D.	Thallium-201 as authorized in Chapter 4731.4434.
Barry O. Sewall, M.D.	Thallium-201 as authorized in Chapter 4731.4434.

12. Authorized users of radioactive material in medical applications must meet the training and experience in 10 CFR 35 subparts D, E, F, G and H, and the recentness of experience requirements in Minnesota Rules, part 4731.4415. In addition, the requirements in 10 CFR 35.50 apply for the training and experience of the Radiation Safety Officer (RSO).

13. In addition to the possession limits in item 7, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in Chapter 4731.3080 for establishing decommissioning financial assurance.

14. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71 "Packaging and Transportation of Radioactive Material." Nothing in this license condition applies to the extent that the person is subject to regulations of the NRC.

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 except for minor changes in the medical use radiation safety procedures as provided by 4731.4405 Subpart 2. The Minnesota Department of Health rules shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the rules.

A. Abbreviated Application for a Minnesota NARM license dated February 23, 2006.



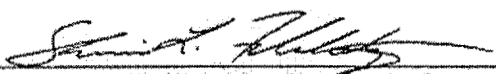
RADIOACTIVE MATERIALS LICENSE

SUPPLEMENTARY SHEET

LICENSE NO. 1071-100-34

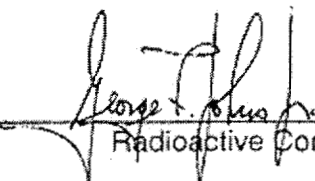
For the Minnesota Department of Health

Date: 3/2/06

By: 
Radioactive Materials Group


Approval

Date: 03/03

By: 
Radioactive Control Unit Supervisor

Concurrence

Date: 3/6/06

By: 
Section Manager

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 license 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 below.

<p>Licensee</p> <p>1. Douglas County Hospital Radiology</p> <p>2. 111 - 17th Avenue East Alexandria, MN 56308</p>	<p>In accordance with the letter dated January 7, 2004,</p> <p>3. License number 22-16766-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date February 28, 2011</p> <p>5. Docket No. 030-11610 Reference No.</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p>	<p>Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any sealed source permitted by 10 CFR 35.400</p> <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. Curie</p> <p>D. As needed</p>
<p>9. Authorized Use:</p> <p>A. Medical use described in 10 CFR 35.100.</p> <p>B. Medical use described in 10 CFR 35.200.</p> <p>C. Medical use described in 10 CFR 35.300.</p> <p>D. Medical use described in 10 CFR 35.400.</p>	

CONDITIONS

10. Location of use: 111 - 17th Avenue East, Alexandria, Minnesota

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
22-16766-01Docket or Reference Number
030-11610

Amendment No. 22

11. Radiation Safety Officer: Richard D. Eiser, M.D.
12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user, and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical uses:

<u>Authorized Users</u>	<u>Material and Use</u>
(1) Richard D. Eiser, M.D.	10 CFR 35.100, 35.200
(2) J. A. Maier, M.D.	10 CFR 35.300
(3) G. E. Meyers, M.D.	10 CFR 35.300 and 35.400
(4) P. H. Vanderploep, M.D.	10 CFR 35.100, 35.200, and 35.300
(5) R. E. Fedor, M.D.	10 CFR 35.100, 35.200, and 35.300
(6) J. M. Lacika, M.D.	10 CFR 35.100, 35.200, and 35.300
(7) Xin Wang, M.D.	10 CFR 35.300 and 10 CFR 35.400
(8) Gregory A. Haines, D.O.	10 CFR 35.100 and 35.200
(9) Eitan Medini, M.D.	10 CFR 35.300 and 35.400
(10) Scott A. Swenson, M.D.	10 CFR 35.100 and 35.200 (excluding xenon-133)

13. The licensee is authorized to transport licensed material only 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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
22-16766-01Docket or Reference Number
030-11610

Amendment No. 22

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 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.

A. Application dated January 25, 2001, and

B. Letter dated January 25, 2001.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date MAR 22 2004

By

William P. Reichhold
Materials Licensing Branch
Region III

This is to acknowledge the receipt of your letter/application dated

8/25/2006, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment 37-09463-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 139367.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.