

11-09-2010

DATE

This is to acknowledge the receipt of your letter/application dated 9-30-2010, and to inform you that the initial processing, which includes an administrative review, has been performed.

☒ There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

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

The action you requested is normally processed within 90 days.

☐ 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** 573782.
When calling to inquire about this action, please refer to this mail control number.
You may call me at (817) 860-8103.

Sincerely,

Colleen Murahan

Licensing Assistant

TH
Torres, RobertoJ

From: Traci Hollingshead [thollingshead@medx-ray.com]
Sent: Monday, September 20, 2010 10:36 AM
To: Torres, RobertoJ
Cc: Richard Massoth; Jeff Masten
Subject: Amendment Request for RML 40-27480-01
Attachments: 2010-09-17 (APPLIC) Change RSO to T.Hollingshead.pdf

Mr. Torres,

Attached is an amendment request for radioactive material license 40-27480-01. At your convenience please confirm receipt of this request.

Thank you,
Traci

CONFIDENTIALITY NOTICE - This e-mail message, including attachments, contains confidential information belonging to the sender which is legally privileged. The information is intended only for the use of the individual or entity addressed. If you are not the intended recipient, you are hereby notified that any disclosure, copying, or distribution is strictly prohibited.

If you have received this e-mail in error, please immediately reply to the sender by e-mail and destroy all copies of the original message.

Traci Hollingshead, B.S.
Medical Health Physicist
MedX-Ray P.C.
1417 S. Minnesota Avenue
Sioux Falls, SD 57105

Cell: 605-310-0916
Email: thollingshead@medx-ray.com

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SEP 20 2010

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September 17, 2010

Via email: robertoj.torres@nrc.gov

U.S. Nuclear Regulatory Commission, Region IV
Nuclear Materials Safety Branch B
Attn: Roberto J. Torres
612 E. Lamar Blvd., Suite #400
Arlington, TX 76011-4125

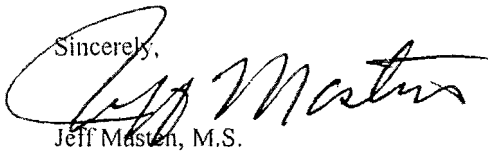
Dear Mr. Torres:

We would like to request a change of Radiation Safety Officer pertaining to our license number 40-27480-01. We request adding Traci Hollingshead, B.S. CNMT as Radiation Safety Officer to replace Christina P. Osmer, M.S. Copies of NRC Form 313A(RSO), NRC RML number 40-29283-01, and a 200 hour training certificate are attached to document Ms. Hollingshead's training and experience to support this request. For your records, Traci Hollingshead can be reached by email at thollingshead@medx-ray.com or by cell phone at 605-310-0916.

We also request removal of Charles M. Carver, Authorized Medical Physicist from our NRC license. This individual is no longer active with our program.

Thank you for your kind and prompt attention to this matter. We request telephone, email or fax confirmation of receipt of this request. Do not hesitate to contact me if there are any questions at 605-415-1387.

Sincerely,



Jeff Masten, M.S.
Chief, Radiation Oncology Physics
MedXray, P.C.

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Attachments: (1) NRC Form 313A (RSO)
(2) Delegation of Authority
(3) NRC RML 40-29283-01
(4) 200 hour training certificate

Radiologists

Valdis Dzintars, MD
Thomas Cink, MD
Thomas Masterson, MD
Andrew Soye, MD
Gary Farnestad, MD
Cameron Stokka, MD
Michael Kibna, MD
Randal Welter, MD
Thomas Free, MD
Patrick Nelson, MD
Brad Paulson, MD
Jeffery Baka, MD
Edward Czarnocki, MD
Susan Duffek, MD
Daniel Crosby, MD
D. Craig Rife, MD
Jerry Yeager, MD
David Bean, MD
Jose Alpers, MD
Sabina Choudhry, MD
Charles From, MD
Christopher Gregory, MD
Matthew Pardey, MD
Matthew Casey, MD
Matthew Helgeson, MD
Jonah Luzier, MD
Khalil Yousef, MD
Alan Tanner, MD
J. Joshua Pierce, MD

Radiation Oncologists

Kirsten Erickson, MD
Kathleen Schenckloth, MD
Steven McGraw, MD
Barbara Schlager, MD
Michael Grant, MD
Michele Corsini, MD

Outreach Radiologists

Wayne Panning, MD

Administration

Gerald Larson

Medical Physics

Jeff Masten, M.S. JD
Ricarda Massoni, Ph.D.
Christina Pies Osmer, PhD (ABD)
Steve Moeckly, MS
Jamie Harris, MS

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Delegation of Authority for Radiation Safety Officer

SEP 20 2010

Memo To: Radiation Safety Officer
Subject: Delegation of Authority

ONMS

You, **Traci Hollingshead**, have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations where justified by radiation safety. You are required to notify management if staff do not cooperate and do not address radiation safety issues. In addition, you are free to raise issues with the Nuclear Regulatory Commission at any time.

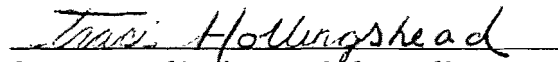


Signature of Management Representative

9-17-10

Date

I accept the above responsibilities,



Signature of Radiation Safety Officer

9-17-10

Date

cc: Affected department heads

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE
AND PRECEPTOR ATTESTATION**
[10 CFR 35.50]

APPROVED BY OMB: NO. 3150-0120
EXPIRES: 3/31/2012

Name of Proposed Radiation Safety Officer

Traci Hollingshead

Requested Authorization(s) *The license authorizes the following medical uses (check all that apply):*

- ☒ 35.100
 ☒ 35.200
 ☒ 35.300
 35.400
 35.500
 35.600 (remote afterloader)
 35.600 (teletherapy)
 35.600 (gamma stereotactic radiosurgery)
☒ 35.1000 (Sr 90 for IVBT)

PART I -- TRAINING AND EXPERIENCE
(Select one of the four methods below)

*Training and Experience, including board certification, must have been obtained within the 7 years preceding the date of application or the individual must have obtained related continuing education and experience since the required training and experience was completed. Provide dates, duration, and description of continuing education and experience related to the uses checked above.

1. Board Certification

- Provide a copy of the board certification.
- Use Table 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.
- Skip to and complete Part II Preceptor Attestation.

OR

☒ **2. Current Radiation Safety Officer Seeking Authorization to Be Recognized as a Radiation Safety Officer for the Additional Medical Uses Checked Above**

- Use the table in section 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for the additional types of medical use for which recognition as RSO is sought.
- Skip to and complete Part II Preceptor Attestation.

OR

3. Structured Educational Program for Proposed Radiation Safety Officer

a. Classroom and Laboratory Training

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation			
Radiation protection			
Mathematics pertaining to the use and measurement of radioactivity			
Radiation biology			
Radiation dosimetry			

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Total Hours of Training:

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

b. Supervised Radiation Safety Experience

(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Description of Experience	Location of Training/ License or Permit Number of Facility	Dates of Training*
Shipping, receiving, and performing related radiation surveys		
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides		
Securing and controlling byproduct material		
Using administrative controls to avoid mistakes in administration of byproduct material		
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures		
Using emergency procedures to control byproduct material		
Disposing of byproduct material		
Licensed Material Used (e.g., 35.100, 35.200, etc.)+		

* Choose all applicable sections of 10 CFR Part 35 to describe radioisotopes and quantities used: 35.100, 35.200, 35.300, 35.400, 35.500, 35.600 remote afterloader units, 35.600 teletherapy units, 35.600 gamma stereotactic radiosurgery units, emerging technologies (provide list of devices).

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

b. Supervised Radiation Safety Experience (continued)

(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Supervising Individual

License/Permit Number listing supervising individual as a
Radiation Safety Officer

This license authorizes the following medical uses:

35.100	35.200	35.300	35.400
35.500	35.600 (remote afterloader)	35.600 (teletherapy)	
35.600 (gamma stereotactic radiosurgery)	35.1000 ()	

c. Describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.

Description of Training	Training Provided By	Dates of Training*
Radiation safety, regulatory issues, and emergency procedures for 35.100, 35.200, and 35.500 uses		
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Richard Massoth, Ph.D.	June 22, 2010 June 29, 2010 July 15, 2010
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses		
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	Richard Massoth, Ph.D. Strontium-90 in an Intravascular Brachytherapy Afterloader Device	September 14-16, 2010

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

- c. Training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license (continued)

Supervising Individual *If training was provided by supervising RSO, AU, AMP, or ANP. (If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.)*

License/Permit Number listing supervising individual

Richard Massoth, Ph.D.

40-27480-01 and 40-27764-01

License/Permit lists supervising individual as:

- ☒ Radiation Safety Officer Authorized User Authorized Nuclear Pharmacist
☒ Authorized Medical Physicist

Authorized as RSO, AU, ANP, or AMP for the following medical uses:

- ☒ 35.100 ☒ 35.200 ☒ 35.300 35.400
35.500 35.600 (remote afterloader) 35.600 (teletherapy)
35.600 (gamma stereotactic radiosurgery) ☒ 35.1000 (Sr90 for IVBT)

- d. Skip to and complete Part II Preceptor Attestation.

OR

4. Authorized User, Authorized Medical Physicist, or Authorized Nuclear Pharmacist identified on the licensee's license

- a. Provide license number.
b. Use the table in section 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.
c. Skip to and complete Part II Preceptor Attestation.

PART II – PRECEPTOR ATTESTATION

Note: This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, or verifies training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each.

First Section

Check one of the following:

1. Board Certification

I attest that _____ has satisfactorily completed the requirements in

Name of Proposed Radiation Safety Officer

10 CFR 35.50(a)(1)(i) and (a)(1)(ii); or 35.50 (a)(2)(i) and (a)(2)(ii); or 35.50(c)(1).

OR

☒ **2. Structured Educational Program for Proposed Radiation Safety Officers**

☒ I attest that Traci Hollingshead has satisfactorily completed a structural educational

Name of Proposed Radiation Safety Officer

program consisting of both 200 hours of classroom and laboratory training and one year of full-time radiation safety experience as required by 10 CFR 35.50(b)(1).

OR

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

Preceptor Attestation (continued)

First Section (continued)

Check one of the following:

3. Additional Authorization as Radiation Safety Officer

I attest that _____ is an

Name of Proposed Radiation Safety Officer

☐ Authorized User

☐ Authorized Nuclear Pharmacist

☐ Authorized Medical Physicist

identified on the Licensees license and has experience with the radiation safety aspects of similar type of use of byproduct material for which the individual has Radiation Safety Officer responsibilities

AND

Second Section

Complete for all (check all that apply):

☒ I attest that Traci Hollingshead, BS, CNMT, RT(N) has training in the radiation safety, regulatory issues, and

Name of Proposed Radiation Safety Officer

emergency procedures for the following types of use:

☒ 35.100

☒ 35.200

☒ 35.300 oral administration of less than or equal to 33 millicuries of sodium iodide I-131, for which a written directive is required

☒ 35.300 oral administration of greater than 33 millicuries of sodium iodide I-131

☒ 35.300 parenteral administration of any beta-emitter, or a photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required

☒ 35.300 parenteral administration of any other radionuclide for which a written directive is required

☐ 35.400

☐ 35.500

☐ 35.600 remote afterloader units

☐ 35.600 teletherapy units

☐ 35.600 gamma stereotactic radiosurgery units

☒ 35.1000 emerging technologies, including:

Sr90 for IVBT (Novoste Beta Beta Cath)

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

AND

Third Section

Complete for ALL

✓ I attest that Traci Hollingshead, BS, CNMT, RT(N) has achieved a level of radiation safety knowledge
Name of Proposed Radiation Safety Officer
sufficient to function independently as a Radiation Safety Officer for a medical use licensee.

Fourth Section

Complete the following for Preceptor Attestation and signature

I am the Radiation Safety Officer for Midwest Regional Imaging Services, LLC
Name of Facility

License/Permit Number: 40-27764-01

Name of Preceptor

Richard Massoth, Ph.D.

Signature

R. J. Massoth, Ph.D.

Telephone Number

(605) 310-8136

Date

09/16/2010

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NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 4 PAGES
Amendment No. 06

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 align="center">Licensee</p> <p>1. Digirad Imaging Solutions, Inc.</p> <p>2. 7111 West Panama Sioux Falls, South Dakota 57106</p>	<p>In accordance with E-mail dated November 26, 2008</p> <p>3. License number 40-29283-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date April 30, 2018</p> <p>5. Docket No. 030-37605 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>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</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>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>		

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at:
- A. 24301 Catherine Industrial, Suite 112A, Novi, Michigan,
 - B. 50 Williams Parkway, East Hanover, New Jersey,
 - C. 2302 Park Avenue East, Hainesport Industrial Park, Hainesport, New Jersey,
 - D. 301 Connecticut Drive, Hobart, Indiana,
 - E. 67 Holly Hill Lane, Greenwich, Connecticut,
 - F. 5365 West Minnesota Street, Indianapolis, Indiana, and
 - G. 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.

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NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 of 4 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
40-29283-01

Docket or Reference Number
030-37605

Amendment No. 06

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. Licensed material may be delivered to the licensee's mobile van located at temporary job sites when trained licensee personnel are present to receive the licensed material. Licensed material may not be stored in the mobile van when trained licensee personnel are not present.
12. The Radiation Safety Officer for this license is Traci Hollingshead.
13. 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 the material and medical uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Aymen Alrez, M.D.	35.100; 35.200
Gregory J. Elberfeld, M.D.	35.100; 35.200
Edwin P. Hutsal, M.D.	35.100; 35.200
Mark Karabajakian, D.O.	35.100; 35.200
Andrew Keenan, M.D.	35.100; 35.200
John R. Mootz, M.D.	35.100; 35.200
Joel S. Raichlen, M.D.	35.100; 35.200
Krishnakant Raiker, M.D.	35.100; 35.200
David T. Rayne, M.D.	35.100; 35.200
Michael A. Rossi, M.D.	35.100; 35.200
John Scott, D.O.	35.100; 35.200
Edward D. Williams, M.D.	35.100; 35.200
Raed Bargout, M.D.	35.100; 35.200
Lane J. Benoff, M.D.	35.100; 35.200
Anthony J. Cossell, M.D.	35.100; 35.200
Steven Craig Vranian, M.D.	35.100; 35.200
Leonard Feitell, M.D.	35.100; 35.200
David I. Freilich, M.D.	35.100; 35.200
Anirudh Khanna, M.D.	35.100; 35.200

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U.S. NUCLEAR REGULATORY COMMISSION

PAGE 3 of 4 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
40-29283-01

Docket or Reference Number
030-37605

Amendment No. 06

Authorized Users

Material and Use

Parag A. Madhani, M.D.

35.100; 35.200

Jack Newman, M.D.

35.100; 35.200

Santosh M. Panditt, M.D.

35.100; 35.200

Barry E. Shapiro, D.O.

35.100; 35.200

Daniel E. Stobbe, M.D.

35.100; 35.200

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 financial assurance for decommissioning.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 4 of 4 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
40-29283-01Docket or Reference Number
030-37605

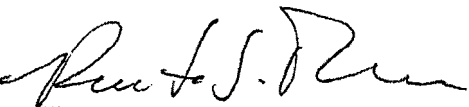
Amendment No. 06

16. 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.

- A. Application dated June 29, 2005 (ML051870153)
- B. Letter dated December 14, 2005 (ML053530235)
- C. Letter dated May 24, 2006 (ML061460398)
- D. Letter dated April 14, 2006 (ML061090217)
- E. Letter dated May 2, 2006 (ML061220665)
- F. Letter dated August 3, 2006 (ML062350452)
- G. Letter dated August 16, 2006 (ML062300130)
- H. Facsimile dated September 18, 2006 (ML062630406)
- I. Letter dated August 22, 2006 (ML062350389)
- J. Letter dated October 3, 2006 (ML062780329)
- K. Letter dated March 27, 2007 (ML070880595)
- L. Letter dated June 28, 2007 (ML071800491)
- M. Letter dated September 4, 2007 (ML072540128)
- N. Letter dated September 19, 2007 (ML072680479)
- O. Letter dated December 27, 2007 (ML080380456)
- P. Facsimile dated June 27, 2008 (ML082240632)
- Q. Facsimile dated August 5, 2008 (ML082340666)
- R. Facsimile dated September 11, 2008 (ML083151233)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: March 31, 2009

By: 
Roberto J. Torres, Senior Health Physicist
Nuclear Materials Safety Branch B
Region IV
Arlington, Texas 76011

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ASSOCIATES IN MEDICAL PHYSICS, LLC
A NATIONAL MEDICAL PHYSICS CONSULTING GROUP

NATIONAL OFFICE
5288 TRANSPORTATION BLVD
CLEVELAND, OH 44125



www.medphysics.com

PHONE: (216) 663-7000
FAX: (216) 581-4361
TOLL FREE: (800) 709-4857

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This is to certify that

Traci Hollingshead

has completed all requirements for the Nuclear Physician Licensing Course. Associates in Medical Physics, LLC designates this continuing medical education activity for 200 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association.

Dates attended:

September 12-21, 2003

October 17-26, 2003

Director of Training

October 26, 2003

Date

Associates in Medical Physics, LLC is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

SUPPLEMENT A

U.S. NUCLEAR REGULATORY COMMISSION

TRAINING AND EXPERIENCE AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF PROPOSED AUTHORIZED USER OR RADIATION SAFETY OFFICER		2. FOR PHYSICIANS, STATE OR TERRITORY WHERE LICENSED		
Traci Hollingshead				
3. CERTIFICATION				
SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C		
4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES				
FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING		
		CLOCK HOURS IN LECTURE OR LABORATORY	CLOCK HOURS OF SUPERVISED ON-THE-JOB EXPERIENCE	
a. RADIATION PHYSICS AND INSTRUMENTATION	200 Hour Nuclear Physician Licensing Course held by Associates in Medical Physics, LLC, 5288 Transportation Blvd, Cleveland, OH 44125 on the following dates:	100		
b. RADIATION PROTECTION	September 12-21, 2003 October 17-26, 2003	30		
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	"	20		
d. RADIATION BIOLOGY	"	20		
e. RADIOPHARMACEUTICAL CHEMISTRY	"	30		
5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)				
ISOTOPE	mCi USED AT ONE TIME	LOCATION	CLOCKS HOURS	TYPE OF USE

PRECEPTOR STATEMENT

Supplement B must be completed by the applicant physician's preceptor. If more than one preceptor is necessary to document experience, obtain a separate statement from each.

1. PROPOSED PHYSICIAN USER'S NAME AND ADDRESS

FULL NAME

Traci Hollingshead

STREET ADDRESS

CITY

STATE

ZIP CODE

KEY TO COLUMN C

PERSONAL PARTICIPATION SHOULD CONSIST OF:

1. Supervised examination of patients to determine the suitability for radioisotope diagnosis and/or treatment and recommendation for prescribed dosage.
2. Collaboration in dose calibration and actual administration of dose in the patient including calculation of the radiation dose, related measurements and plotting of data.
3. Adequate period of training to enable physician to manage radioactive patients and follow patients through diagnosis and/or course of treatment.

2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS <i>(Additional information or comments may be submitted in duplicate on separate sheets.) D</i>
	Thyroid scan	N/A	
	Thyroid uptake	N/A	
	Lung perfusion scan	N/A	
	Xenon ventilation study	N/A	
	Aerosol ventilation scan	N/A	
	Renal flow scan	N/A	
	Brain scan	N/A	
	Liver/spleen scan	N/A	
	Bone scan	N/A	
	Gastroesophageal study	N/A	
	LeVeen shunt study	N/A	
	Cystogram	N/A	
	Dacryocystogram	N/A	
	Cardiac perfusion scan	N/A	
	Cardiac stress ventriculogram	N/A	
	Cardiac rest ventriculogram	N/A	
	Gallium scan	N/A	

PROPOSED PHYSICIAN USER Traci Hollingshead

PRECEPTOR STATEMENT (CONTINUED)

2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES	N/A	
P-32 (Colloidal)	INTRACAVITARY TREATMENT	N/A	
I-131	TREATMENT OF THYROID CARCINOMA	N/A	
	TREATMENT OF HYPERTHYROIDISM	N/A	
Au-198	INTRACAVITARY TREATMENT	N/A	
Co-60 or Cs-137	INTERSTITIAL TREATMENT	N/A	
	INTRACAVITARY TREATMENT	N/A	
I-125 or Ir-192	INTERSTITIAL TREATMENT	N/A	
Co-60 or Cs-137	TELETHERAPY TREATMENT	N/A	
Sr-90	TREATMENT OF EYE DISEASE	N/A	
	RADIOPHARMACEUTICAL PREPARATION	N/A	
Mo-99/ Tc-99m	GENERATOR	5	
Sn-113/ In-113m	GENERATOR	N/A	
Tc-99m	REAGENT KITS	5	
Other	ALUMINA TESTING	N/A	

3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING

LOCATION
Associates in Medical Physics, LLC
Cleveland, Ohio

DATES
September 12-21, 2003
October 17-26, 2003

CLOCK HOURS OF EXPERIENCE
4

4. THE TRAINING AND EXPERIENCE INDICATED ABOVE
WAS OBTAINED UNDER THE SUPERVISION OF:

a. NAME OF SUPERVISOR
Frank Bloe

b. NAME OF INSTITUTION
Associates in Medical Physics, LLC

c. MAILING ADDRESS
5288 Transportation Boulevard

d. CITY
Cleveland, Ohio 44125

5. PRECEPTOR'S SIGNATURE



7. PRECEPTOR'S NAME (Please type or print)

Frank Bloe, DABSNM, DABMP

8. DATE

October 26, 2003

6. MATERIALS LICENSE NUMBER(S)
34-26645-02

ASSOCIATES IN MEDICAL PHYSICS, LLC

THIS CERTIFIES THAT

Traci Hollingshead

***HAS SUCCESSFULLY COMPLETED ALL REQUIREMENTS
FOR THE***

***200 HOUR
NUCLEAR PHYSICIAN LICENSING COURSE***

***AND IS HEREBY AWARDED THIS
CERTIFICATE OF COMPLETION***

ON THIS Twenty-Sixth DAY OF October, 2003



DIRECTOR OF TRAINING

DNMS

SEP 20 2010

RECEIVED

573782

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 02240
Status Code: Pending Amendment
Fee Category: 7C
Exp. Date:
Fee Comments:
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: MED X RAY, P.C.
Received Date: 09/20/2010
Docket Number: 3033335
Mail Control Number: 573782
License Number: 40-27480-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: _____

Date: _____

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____