

**EAST
ORANGE
GENERAL
HOSPITAL**

August 14, 2008

Br. 1

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

Re: Change to Materials License
License No. 29-12224-01
Amendment No. 33
Docket No. 030-02545

Dear Sirs/Madams,

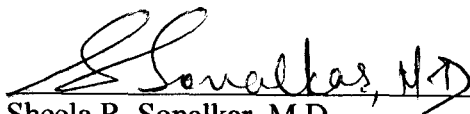
We are requesting the removal of *Dr. Surekha Khedekar* from the above referenced Radioactive Materials License and the addition of **Dr. Vivek Sharma** to the same license, as an 'Authorized User', in the same 'Byproduct Material Groups and their Authorized Use' listed for our facility.


Enclosed please find a copy of Dr. Sharma's Board Certificate, CV and signed Preceptor Attestation Form {NRC FORM 313A}.

Our Radiation Safety Committee has approved this action.

If there are any questions, please do not hesitate to contact us.

Sincerely,


Sheela R. Sonalkar, M.D.
Radiation Safety Officer


Kevin J. Slavin
President and CEO

2008 AUG 18 PM 1:01
RECEIVED
REGION 1

Enclosures:

1. Board Certificate
2. CV
3. NRC FORM 313A

mw

300 CENTRAL AVENUE, EAST ORANGE, NEW JERSEY 07018-2819 • 672-8400

142721
NMSS/RGNI MATERIALS-002

The American Board of Radiology

*Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America,
the Section on Radiology of the American Medical Association,
the American Society for Therapeutic Radiology and Oncology, the Association of
University Radiologists, and American Association of Physicists in Medicine*

Hereby certifies that

Vivek Kumar Sharma, MB, BS

*Has pursued an accepted course of graduate study
and clinical work, has met certain standards and qualifications and
has passed the examinations conducted under the authority of*

The American Board of Radiology

On this fourth day of June, 2003

*Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of*

Diagnostic Radiology

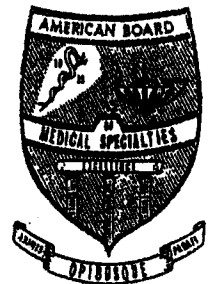


Certificate No. 49413

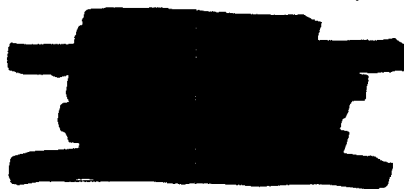
[Signature]
President

[Signature]
Secretary-Treasurer

[Signature]
Executive Director



Valid through 2013

VIVEK K. SHARMA, M.D.**EMPLOYMENT**

Jan 2008 to Present Staff Radiologist, East Orange Hospital, NJ.

Oct 2007 to Jan 2008 Locums Radiologist.

July 2004 to July 2007 **MRI/Neuroradiologist**, Altoona Hospital, Altoona, PA.
(MSK/Neuro/Body MRI, CT and CT guided biopsies, USG including OB/GYN, Nuclear studies including Cardiac, Plain Films, Mammography (MQSA certified) and Fluoroscopy.

POST GRADUATE TRAINING

FELLOWSHIP:

July 2003 to June 2004 **Neuroradiology Fellowship**, University of Pennsylvania School of Medicine, Philadelphia, PA.

RESIDENCY:

July 2000 to July 2003 Resident (PGY III to PGY V) in **Diagnostic Radiology** at University of Medicine and Dentistry of New Jersey, New Jersey Medical School, Newark, NJ.

July 1999 to June 2000 Resident (PGY II) in **Diagnostic Radiology** at Baystate Medical Center-Tufts University School of Medicine (Western Campus), MA.

INTERNSHIP:

June 1997 to June 1999 **Internal Medicine**, Rush-Westlake Hospital, Rush University, Chicago, IL.

**PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.**

MEDICAL EDUCATION

Jan 1994 M.B.B.S-Institute of Medical Sciences, B.H.U, Varanasi,
India. **Graduated in top 10% of Medical School class.**

AWARDS:

June 2002 Certificate of Excellence for Voluntary Service at UMDNJ.
June 2002 Exemplary Exposulator Award for Best Resident Lecture.
Dec 1989 Honors Biochemistry
Dec 1990 Nehru Award for top Medical School Athlete .

ACTIVITIES:

Jan 1989 to Dec 1989 Tutor Biochemistry.
Jan 1992 to Jan 1994 Captain BHU Athletics team.
Aug 1994 to May1997 Tutor Pathology.
Jan 1995 to Jan 1996 Medical School Advisory Council Representative.

BOARD CERTIFICATION

June 2003 American Board of Radiology.

Nov 2005 CAQ in Neuroradiology.

BIBLIOGRAPHY

Research Publications:

- 1) The role of spiral CT versus plain films in acute cervical spine trauma-A comparative study: **Vivek Sharma**, Huey Jen Lee, Kartik Shah, Devong Gor- Emergency Radiology, (2001) 8: 311-314.
- 2) Role of chest CT in predicting presence of acute right ventricular strain in patients with pulmonary embolism: S Contractor, Devong Gor, **Vivek Sharma**, Pierre Maldjian- JCAT 2002; 26(4): 587-591.
- 3) Two cases of long standing unilateral locked facets at C2-3 without apparent history of antecedant trauma: **Vivek Sharma**, Andrei Holodny, E Rubach- Emergency Radiology, (2002) 9: 329-332.

Presentations:

- 1) Two cases of long standing unilateral locked facets at C2-3 with no apparent history of antecedant trauma: **Vivek Sharma**, Andrei Holodny -American Society of Neuroradiology, Annual meeting, Boston, MA-April 2001.
- 2) Orbital Pseudotumor with extraorbital extension: Huey Jen Lee, **Vivek Sharma**, et al - American Society of Neuroradiology, Annual meeting, Boston, MA- April 2001.
- 3) Pseudodiskitis? Degenerative disc disease mimicking Diskitis: Huey Jen Lee, Cheng, P Ho T, **Vivek Sharma**-American society of Neuroradiology, Annual meeting, Boston, MA- April 2001.
- 4) MRI protocols for cervical disc disease: what is your neighbor doing?: Leo J Wolansky, Dipti Parik, Kartik Shah, **Vivek Sharma**, Jefferey Farkas, Stephen R. Baker- -American Society of Neuroradiology, Annual Meeting, Vancouver, Canada, May 2002.
- 5) Validity of the "Dense Middle Cerebral Artery" Sign: Comparison with CT Angiography for the Presence of Thrombus in Patients with Acute Stroke: Devong Gor, C. Hinrichs, D. McCarthy, **Vivek Sharma**, V. Lebovitz, J.E. Farkas- American Society of Neuroradiology, Annual Meeting, Washington, D.C., April 2003.
- 6) MRI protocols for cervical disc disease: What is your neighbor doing?: Leo J Wolansky, Dipti Parik, Kartik Shah, **Vivek Sharma**, Stephen R Baker-Annual Meeting of the Eastern Neuroradiology Society, New York, September 2001.
- 7) Can Chest CT predict right Ventricular Dysfunction in patients with pulmonary embolism?: Sohail Contractor, **Vivek Sharma**, et al- American Society of Emergency Radiology, Annual Meeting San Francisco, CA-March 2001.
- 8) Acute cervical spine trauma: Is there a role for plain films?: Huey Jen Lee, **Vivek Sharma**, Sohail Contractor, et al -American Society of Emergency Radiology, Annual Meeting San Francisco, CA-March 2001.
- 9) CT and MRI findings in Acute Mental Status change, related to cocaine abuse: Huey Jen Lee, Kartik Shah, **Vivek Sharma**- American Society of Emergency Radiology, Annual Meeting, Orlando, FL, March 2002.
- 10) Air Fluid level in the Maxillofacial Sinuses on Cranial Computed Tomography- A good predictor for Sinus Fractures: Devong Gor, Huey Jen Lee, Kareem Yostos, **Vivek Sharma**- American Society of Emergency Radiology, Annual Meeting, Orlando, FL, March 2002.
- 11) Ruptured Cerebral Anuerysms presenting as Acute Subdural Hematoma: Huey Jen Lee, **Vivek Sharma**, Kartik Shah, Tzu-Lung Ho- American Society of Emergency Radiology, Annual Meeting, Orlando, FL, March 2002.

- 12) Can Interventricular septal deviation predict right Ventricular Dysfunction in patients with pulmonary embolism?: Sohail Contractor, Daniel Contractor, **Vivek Sharma**, - CIRSE, Gothenberg, Sweden, September 2001.

Scientific Exhibits:

- 1) Role of chest CT in predicting right ventricular dysfunction in patients with pulmonary embolism: Sohail Contractor, **Vivek Sharma**, Pierre Maljidian, et al-Cardiovascular and Interventional Radiology, Annual Meeting, San Antonio, TX, March 2001.
- 2) Can Chest CT predict right ventricular dysfunction in patients with pulmonary embolism?: S Contractor, **Vivek Sharma**, Pierre Maldijian, Daniel Contractor-American Society of Emergency Radiology, Annual Meeting, San Francisco, CA, March 2001.
- 3) Radiological assessment and management of axillary-subclavian vascular injuries: Daniel Contractor, **Vivek Sharma**, et al-Cardiovascular and Interventional Society of Europe, Annual Meeting & Postgraduate course, Gothenberg, Sweden, September 2001.

PROFESSIONAL MEMBERSHIPS

American Society of Neuroradiology.
 Radiological Society of North America.
 American College of Radiology.
 Cardiovascular and Interventional Society of Europe.
 American Society of Emergency Radiology.

LICENSURE

Pennsylvania License No. MD 422867.
 California: License No. A 82178
 Massachusetts: License No. 203481
 New Jersey: License No. 25MA07537900
 Illinois: License No. 036-100584
 Florida License No. ME 99934

NRC FORM 313A (AUD) (10-2007)	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 10/31/2008																									
AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (for uses defined under 35.100, 35.200, and 35.500) [10 CFR 35.190, 35.290, and 35.590]																											
Name of Proposed Authorized User Vivek Kumar Sharma, M.D.		State or Territory Where Licensed New Jersey																									
Requested Authorization(s) (check all that apply)																											
<input checked="" type="checkbox"/> 35.100 Uptake, dilution, and excretion studies <input checked="" type="checkbox"/> 35.200 Imaging and localization studies <input type="checkbox"/> 35.500 Sealed sources for diagnosis (specify device _____)																											
PART I - TRAINING AND EXPERIENCE (Select one of the three 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.																											
<input checked="" type="checkbox"/> 1. Board Certification																											
a. Provide a copy of the board certification. b. If using only 35.500 materials, stop here. If using 35.100 and 35.200 materials, skip to and complete Part II Preceptor Attestation.																											
<input type="checkbox"/> 2. Current 35.390 Authorized User Seeking Additional 35.290 Authorization																											
a. Authorized user on Materials License _____ meeting 10 CFR 35.390 or equivalent Agreement State requirements seeking authorization for 35.290. b. Supervised Work Experience. (If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;">Description of Experience</th> <th style="width:30%;">Location of Experience/License or Permit Number of Facility</th> <th style="width:10%;">Clock Hours</th> <th style="width:20%;">Dates of Experience*</th> </tr> </thead> <tbody> <tr> <td style="height: 100px; vertical-align: top;"> Eluting generator systems appropriate for the preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs </td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Description of Experience	Location of Experience/License or Permit Number of Facility	Clock Hours	Dates of Experience*	Eluting generator systems appropriate for the preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center;"> Total Hours of Experience: </td> </tr> <tr> <td style="width:50%;">Supervising Individual</td> <td colspan="3" style="width:50%;">License/Permit Number listing supervising individual as an authorized user</td> </tr> <tr> <td colspan="4" style="height: 40px;"> Supervisor meets the requirements below, or equivalent Agreement State requirements (check all that apply). </td> </tr> <tr> <td colspan="4"> <input checked="" type="checkbox"/> 35.290 <input type="checkbox"/> 35.390 + generator experience in 32.290(c)(1)(II)(G) </td> </tr> </table>			Total Hours of Experience:				Supervising Individual	License/Permit Number listing supervising individual as an authorized user			Supervisor meets the requirements below, or equivalent Agreement State requirements (check all that apply).				<input checked="" type="checkbox"/> 35.290 <input type="checkbox"/> 35.390 + generator experience in 32.290(c)(1)(II)(G)			
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NRC FORM 313A (AUD) **U.S. NUCLEAR REGULATORY COMMISSION**
 (10-2007) **AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

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. (Not required to meet training requirements in 35.590)

By checking the boxes below, the preceptor is attesting that the individual has knowledge to fulfill the duties of the position sought and not attesting to the individual's "general clinical competency."

First Section

Check one of the following for each use requested:

For 35.190

Board Certification

I attest that _____ has satisfactorily completed the requirements in
Name of Proposed Authorized User

10 CFR 35.190(a)(1) and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100.

OR

Training and Experience

I attest that _____ has satisfactorily completed the 60 hours of training and
Name of Proposed Authorized User

experience, including a minimum of 8 hours of classroom and laboratory training, required by 10 CFR 35.190(c)(1), and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100.

For 35.290

Board Certification

I attest that **Vivek Kumar Sharma, M.D.** has satisfactorily completed the requirements in
Name of Proposed Authorized User

10 CFR 35.290(a)(1) and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100 and 35.200.

OR

Training and Experience

I attest that _____ has satisfactorily completed the 700 hours of training
Name of Proposed Authorized User

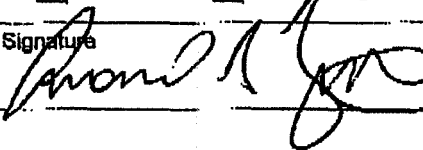
and experience, including a minimum of 80 hours of classroom and laboratory training, required by 10 CFR 35.290(c)(1), and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100 and 35.200.

Second Section

Complete the following for preceptor attestation and signature:

I meet the requirements below, or equivalent Agreement State requirements, as an authorized user for:

- 35.190 35.290 35.390 35.390 + generator experience

Name of Preceptor	Signature	Telephone Number	Date
Lionel S. Zuckier, MD		(973) 972-6023	08/08/2008

License/Permit Number/Facility Name
 29-02957-13 - Broadscope License University of Medicine and Dentistry of New Jersey

This is to acknowledge the receipt of your letter/application dated 8/14/08, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (29-12224-01) 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** 142721.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.