

Eastside Cardiovascular Medicine, P.C.

Specializing In All Aspects of Cardiovascular Medicine

Vamshidhar Guduguntla, M.D.
Sohail Hassan, M.D.
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Srihari Ravi, M.D.
Lalitha Rudraiah, M.D.
Luay Sayed, M.D.
John C. Somogyi, M.D.
Narayanan Vikraman, M.D.

Hiroshi Yamasaki, M.D.

March 20, 2008

U. S. Nuclear Regulatory Commission Region IIIMaterials Licensing Branch2443 Warrenville Road, Suite 210Lisle, IL 60532-4352

RE: Amendment of NRC License #21-26263-01

K/chu, mi).

We request to amend our NRC medical license (NRC License #21-26263-01) for Eastside Cardiovascular Medicine. The specific amendment we wish to request:

Add an Authorized user, Luay Sayed, M.D. All appropriate paperwork is attached to this letter.

If you need any further information or clarification please don't hesitate to call Cal Szalach at 586 775-4594.

Sincerely,

Eastside Cardiovascular Management

jag

RECEIVED MAY 2 7 2008

from:Eastside Cardiovascular

01/21/2008 12:55 #524 P.002/005

NRC FO	(DUA) AEPE WAT	U.S. HUCLEAR REGULATORY COMM		
	AND PRECEPT for uses defined under	RAINING AND EXPERIENCE FOR ATTESTATION 35.100, 35.200, and 35.500) 35.290, and 35.590]	}	Y OMB: NO, 3150-612; 81/2508
Nene	Proposed Authorized User	State or Territory Where	Linza sato	 _
Luay Sa	ayed M.D.	Michigan		
Reque	sted Authorization(a) (check all that	t apply)		
	100 Uptake, dilution, and excretion			
X 35.:	200 Imaging and localization studio	98		
35.J	500 Saaled sources for diagnosis (specify device)	
		ART I — TRAINING AND EXPERIENCE sloct one of the three methods below)		
the r	late of application or the individual (rd certification, must have been obtained must have obtained related continuing ed as completed. Provide dates, duration, an a uses checked above.	lucation and experies	nce since
1 .	Board Certification			ĺ
- a.	Provide a copy of the board certific	cation.		!
	' -	p here. If using 35,100 and 35,200 mater	rials, skip to and com	piete Part II
2.	Current 35,390 Authorized User	Seeking Additional 35,290 Authorization	5ū	
а,	Authorized user on Materials Licer	nse meeting 10 CF	sviupe to 025.3£ R	ent Agreement
	State requirements seeking author	rization for 35.290.		•
ь.	Supervised Work Experience, (If more than one supervising indivisoples of this section.)	vidual is necessary to document supervis	ed work experience,	provide multiple
	Description of Experience	Location of Experience/License of Permit Number of Facility	r Clock Hours	Dates of Exparience*
ap cav iox tex pu wi	uting generator systems propriate for the preparation of dioactive drugs for imaging and calization studies, measuring and sting the eluate for radionuclidic ority, and processing the eluate th reagent kits to prepare labeled dicactive drugs			
		Total Hours of Experience:		
Su	pervising Individual	License/Permit Number	er listing supervising in	dividual as er.
5¢		velow, or equivalent Agreement State requirement state requirement of equivalence in 32.290(c)(1)(ii)(G)		that apply).

From:Eastside Cardiovascular 5862286353 01/21/2008 12:56 #524 P.003/005

FORE 3134 (AUD) OUTHORIZED USER TRAININ	G AND EXPERIENCE AND	U.S. PRECEPTOR AT	NUCLEAR REGUL TESTATION /	ATORY CONNIES
I Iraining and Experience for Pro	posed Authorized User		TOTAL CO	onunuea)
e. Classroom and Laboratory Train	ing.			
Description of Training	Location of	Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	St. John Hespital & Medical (22101 Morass Street Detroit, MI 48236	Center	25	8:2/07 - 7/34/07
Radiation protection	St. John Hospital & Medical C 22101 Moross Street Dairoit, MI 48236	Center	25	6/2/07 - 7/31/07
Mathematics pertaining to the use and measurement of radioactivity	St. John Hospital & Medical C 22101 Moroze Street Detroit, MI 48236	enter	10	6/2/07 - 7/31/07
Chemistry of byproduct material for medical use (not required for 35.590)	St. John Hospital & Medical C 22101 Mcross Street Detroit, MI 48235	Penter	10	8/2/07 - 7/31/07
Radiation biology	St. John Mospital & Medical C 22101 Moroes Street Detroit, MI 48235	enter	10	6/2/07 - 7/31/07
	Total Hours of Trainin	····		
 Supervised Work Experience (co (If more than one supervising inc provide multiple copies of this se 	ivicual is necessary to oocu	required for 35.590 ment supervised w). vark experience,	
Supervised Work Experience		Total Hours of Experience: 80		
Description of Experience Must Include:	Location of Experis	ince/Licease or r of Facility	Confirm	Dates of Experience
Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys	St. John Hospita; & Medical Center 22101 Morras Street Detrok, MI 48236		Yes No No No	6/2/07 - 7/31/0
Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters	St. John Hospital & Medical 22101 Moross Street Detroit, MI 48236	Center	☐ No	E/2/07 - 7/31/C

From:Eastside Cardiovascular 5862285353 01/21/2008 12:57 #524 P.004/005

Training and Experience for Prop	3 AND EXPERIENCE AND PREC	-11	שון אוסור וכי	Onantea)
b. Supervised Work Experience. (c	ontinued)	u ,		
Description of Experience Must Include:	Location of Experience/o	icense or acility	Confirm	Dates of Experience
Calculating, measuring, and safety preparing patient or human research subject dosages	St. John Hospital & Medical Cente 22101 Moross Street Detroit, MJ 48238	ır	✓ Yes	8/2/07 - 7/31/0
Jsing administrative controls to prevent a medical event involving the use of unsealed byproduct material	St. John Hospital & Medical Cente 22101 Moross Street Detroit, Mi 48236		✓ Yes	6/2/07 - 7/31/07
Ising procedures to contain spilled syproduct material safety and using proper decontamination procedures	St. John Hospital & Medical Cente 22101 Moross Street Detroit, Mi 48236	Г	Yes No	5/2/07 • 7/21 / 93
Idministering dosages of radioactive lrugs to patients or human research subjects	St. John Hospital & Medical Center 22101 Moroes Street Detroit, Mi 48238	`	Yes No	B/2/77 - 7/31/07
or the preparation of radioactive frugs for imaging and localization tudies, measuring and testing the fluate for radionuclidic purity, and processing the pluate with reagent its to prepare labeled radioactive ings	22191 Morpes Street Delroit, MI 48236		✓ Yes	
Supervisor meets the requirements b 25.190 2 35.290	authorized use 2:-25253-0: 2:-25253-0: elow, or equivalent Agreement St 25.390 35.390 + gene	ate requiremen	21-c lefte: ls (check one	93210-0
For 35.590 only, provide document	Type of Training		ation and Da	atos

NRC FO	RM 313A (AUD) AUTHORIZED U	JSER TRAININ	G AND EXPERIE	ENCE AND PRECEPT	U.S. NUCLEAR REGULATORY COMMISSION OR ATTESTATION (continued)
		····	PART II - PRECI	EPTOR ATTESTATION	N
Note:	e: 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)				
	section one of the follow	ing for each U	on requested:]
	35.190	IIIN IOI BODII W	58 IBQUOSION,		
	Board Certification	<u>n</u>			
	I attest that	_		has satisfactorily co	ompleted the requirements in
		Name of Propo	sed Authorized User		•
				el of competency sufficie ed under 10 CFR 35.10	ent to function independently as an 00.
	T Minn and Euro	•		OR	1
	Training and Expe	<u>erience</u>			
	⊒1 attest that	LVAY SA Name of Propo	YED, M·D sed Authorized User	has satisfactorily cor-	ompleted the 60 hours of training and
	35.190(c)(1), a	and has achiev	red a level of comp		ntory training, required by 10 CFR Inction independently as an 00.
<u>For</u>	35.290]
	Board Certification	<u>'n</u>			
	I attest that	Name of Propo	sed Authorized User	has satisfactorily cor	empleted the requirements in
				el of competency sufficie ed under 10 CFR 35.10	ent to function independently as an 00 and 35.200.
				OR	ı
	Training and Expe	· 			
	I attest that	LUAY SA Name of Propo	1 / E / M·/) sed Authorized User	has satisfactorily cor-	empleted the 700 hours of training
	CFR 35.290(c	c)(1), and has a	ichieved a level of		aboratory training, required by 10 t to function independently as an 00 and 35.200.
	d Section lete the following t	for preceptor	attestation and s	signature:	
	I meet the rec	uirements belc	w, or equivalent /	Agreement State requir	rements, as an authorized user for:
	35.190	35.290	35.390	35.390 + genera	ator experience
Name of	of Preceptor		Signature		Telephone Number Date
111	CHAEL	JOHA	off	Aron	(317)343-3566 3/28/08
License/	/Permit Number/Faci	lity Name			, , , , , , , , , , , , , , , , ,

From: Eastside Cardiovascular

5862285353

01/21/2008 12:58 #524 P.Q05/005

(LE 2027)	ORM 313A (AUD) U.S. NUCLEAR REQULATORY COMMISSIO 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)				
	Section cope of the following for each use requested:				
For	25,190				
	Board Cartification				
•	l attest that has satisfactorily completed the requirements in				
	10 CFR 35.150(a)(1) and has achieved a level of competency sufficient to function independently as an authorized user for the modiful user sufficient and our so, 100.				
	OR Training and Evandages				
	Training and Experience Training and Experience A V C D M I) has satisfactorily completed the 60 hours of training and Name of Processor 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				
	l attest that has satisfactorily completed the requirements in				
	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 Luniu Salveo has satisfactorily completed the 700 hours of training				
	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.				
Secon Comp					
Secon Comp	CFR 35.290(c)(1), and has achieved a level of competency sufficient to function masses and achieved a level of competency sufficient to function masses are sufficient to the medical uses authorized under 10 CFR 35.100 and 35.200.				
Secon	CFR 35.290(c)(1), and has achieved a level of competency sufficient to function mosperiously as any authorized user for the medical uses authorized under 10 CFR 35.100 and 35.200. Ind Section the following for precaptor attestation and signature:				
Name	CFR 35.290(c)(1), and has achieved a level of competency sufficient to function trospendantly authorized user for the medical uses authorized under 10 CFR 35.100 and 35.200. Id Section lete the following for precaptor attestation and signature: I maet the requirements below, or equivalent Agreement State requirements, as an authorized user for:				

Certificate of Completion

This is to certify that

Luay Sayed, M.D.

has completed the Nuclear Regulatory Commission Required Nuclear Medicine Physics Course (80 hours) June 2, 2007 - July 31, 2007

July 31, 2007

Ray A. Carlson, M.S.

Radiological Physics Service, Inc.

Plymouth, Michigan

NRC FORM 313 U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY COOR: NO. 3150-0120 FEP10FS: 107317001
APPLICATION FOR MATERIALS LICENSE	Estimated turden per response to comply with this mendatory collection request 4.4 hours. Submittal of the application is necessary to determine that the applicant is considered and that adequate procedures exist to protect the public health and select. Send comments requiring furden estimate to the Records and FOM/Philacy Savices Branch (T-5 F5S), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by informat e-mail to infocollecta@nrc.gov, and to the Desk Officer, Office of
	collection does not display a Currently wall OMB couldn't make an information collection are not display a Currently wall OMB couldn't cumber, the NRC may not collection sponsor, and a person is not required to respond to. The information
SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO TAPPLICATION TO TAPPLICATION FOR DESIREUTOWAY EXEMPT PRODUCTS FILE APPLICATIONS WITH:	
DIVISION OF INDUSTRIAL AND MEDICAL MUCLEAR SAFETY OFFICE OF MUCLEAR MATERIALS SAFETY AND SAFEGUARDS	F YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHEGAN, MINNESDYA, MISSOURI, OHIO, OR WISCONSIN, SEID
U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001	MATERIALS LICENSING BRANCH
ALL OTHER PERSONS FILE APPLICATIONS AS POLLOWS:	U.S. NUCLEAR REGULATORY COMMISSION, REGION BI 2443 WARRENVILLE ROAD, SLITE 270 LISLE, IL 80522-4352
SF YOU ARE LOCATED IN:	
ALABAMA, CONNECTICUT, DELAMARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, RENTUCKY, MARIE MARTILAND, BASSACRIDETTS, NEW HARPFRIEE, NEW LESSEY, NEW TORK, MORTH CARCULIN, FERMISTLUMIA, PUERTO RICO, RHOCE ISLAND, SOUTH CAROLUNA, TERMISTER, OR WEST VINCINIA, SEEND APPLICATIONS TO:	ALAEKA, ARZONA, ARKANSAS, CALIFORNA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MESESSEPT, MONTANA, NEERRASKA, NEVADA, NEW MEZICO, MORTH DAKOTA, ORGANIMA, ORGEON, PACEFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAM, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:
LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. RUCLEAR REGULATORY COMMISSION, REGION 1 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415	NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR RECULATORY COMMISSION, REGION IV 81) RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TX 78011-4005
PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR MATERIAL IN STATES SUBJECT TO U.S.RUCLEAR REGULATORY COMMISSION JURISDICT 1. THIS IS AN APPLICATION FOR (Check approprise line)	10NS.
A. NEW LICENSE B. AMENDMENT TO LICENSE NUMBER C. REMEWAL OF LICENSE MUMBER	Same as # 3
Eastside Cardiduascur.	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION (A) CAL SZALACH
18325 Ten Mile Rd. #400	
ROSEVILLEIME 48066	Sy6 775 4594
SUBMITITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMA. S. RADIOACTIVE MATERIAL	TION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.
 Element and mass number, D. chemical and/or physical form; and c. (mgb/m/m survent which will be possessed at any one time. 	R. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
7. UNDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.
9. FACILITIES AND EQUIPMENT.	10. RADIATION SAFETY PROGRAM.
11. WASTE MANAGEMENT.	12. LICENSE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY AMOUNT S ENCLOSED S ENCLOSED S
13. CERTIFICATION. (Must be completed by explicant). THE APPLICANT UNDERSTANDS THAT UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF TO CONFORMITY WITH TITLE 10, CODE OF FEDERAL RESULATIONS, PARTS 30, 32, 33, CONFORT TO THE PEST OF THEIR KNOWLEDGE AND BELIEF.	HE APPLICANT, NAMED IN ITEM 2. CERTIFY THAT THIS APPLICATION IS PREPARED IN
	MINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO IS JURISDICTION.
CERTIFYING OFFICER - TYPEDIPRINTED NAME AND TITLE IL VVV 6 (00 Kim, M.D. Y	SIGNATURE / P 3 20 QP
FOR NRC	USE ONLY/
3	NUMBER COMMENTS
APPROVED BY DATE	



Eastside Cardiovascular Medicine, P.C.

Specializing In All Aspects of Cardiovascular Medicine

18325 Ten Mile Road, Suite 400 Roseville, Michigan 48066

> U. S. Nuclear Regulatory Commission Region III Materials Licensing Branch 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

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