



Radiological Physics Service, Inc.

3839 Napier Road
Plymouth, MI 48170
(734) 455-4730
Fax: (734) 453-8851

April 9, 2012

US NRC
Materials Licensing Branch
2443 Warrenville Rd, Suite 210
Lisle, IL 60532-4352
RE: License amendment #21-32388-01 control #576653

Sarah Forester,

PHYSICISTS:

MICHIGAN

Ray A. Carlson, M.S.
Cell: (734) 395-7361
rcarlson@att.net

Laura T. Smith, M.S.
Cell: (586) 215-5947
Pager: (313) 609-2038
LSphysics@att.net

Vincent McCormick, M.S.
Cell: (737) 395-9323
V_mccormick@comcast.net

SOUTH CAROLINA

Dan L. Marx, M.S.
Cell: (810) 730-6004
dmarx@voyager.net

GEORGIA

Diane Griffiths, M.S.
Cell: (770) 355-7709
dianegriffiths@comcast.net

MONTANA/CALIFORNIA

Bruce Austin, PhD
Cell: (909) 273-4613
baustin1@earthlink.net

I was out of the country traveling, so thank you for this extra time to complete the response. The response for the license amendment request is as follows:

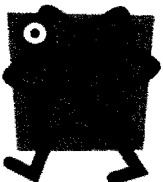
1. There must have been missing paperwork from the submission, because the letter from Dr. Koneru, that is now attached and noted as attachment A, clearly states Dr. Deverreddy has over 700 hours of experience working with Dr. Koneru. The Cardian Health in Las Vegas and Cardiovascular Consultants of Nevada would comprise the other 80 hours of training. Since only 700 hours is required the letter from Dr. Koneru should be sufficient alone to approve Dr. Deverreddy. To expedite this request, please use that information alone if necessary to approve Dr. Deverreddy.
2. I personally performed the training myself with Dr. Deverreddy at St. John Hospital 22101 Moross, Detroit, MI 48236 License 21-03210-01 for all sections noted for dates 1/13/10 thru 2/24/2010 under section 3a. I am the RSO for this location, and believe I had sent in a signed and dated document stating the training. I have put in an attachment B on St. John letterhead noting this training. It is my understanding that the NRC does not approve training for Authorized Users, but to clarify, I have added the training we did together.

If added information or further clarification is needed, we request that this be done via email to minimize any delay in achieving final resolution on the amendment to Laura T. Smith, consulting physicist for location, lsphysics@att.net, since she is best suited to help you with any questions on this subject.

Sincerely,

Thank you,

Laura T. Smith, MS, DABR
Practice Physicist





Radiation Safety Office
22101 Moross Road
Detroit, MI
48236-2172

313.343.7719
April 10, 2012

U. S. NUCLEAR REGULATORY COMMISSION
Region III
Materials Licensing Branch
2443 Warrenville Road, Ste 210
Lisle, IL 60532-4352

RE: Classroom and Laboratory Training for Dr. Devereddy

I confirm Dr. Lingareddy Devireddy, MD has satisfactorily completed **80** hours of required Nuclear Cardiology Physics training, including topic areas required by the United States Nuclear Regulatory Commission. This training was presented from January 30, 2010 thru February 24, 2010. This training includes the following subjects: **RADIATION PHYSICS AND INSTRUMENTATION**, Basic physics (atomic structures), Basic physics as applied to clinical imaging (e.g. nuclides, isotopes and decay) Electromagnetic Properties of Radiation (Background Radiation, wavelength formulas), Basic physics as applied to clinical imaging (decay modes (Alpha, Beta, Gamma), high energy imaging), Gamma cameras lectures and labs, collimation, and equipment quality control procedures and labs, Nuclear Generators and reviewing elution procedures, Interactions of radiation with matter, Radiation Units, Attenuation correction with gamma camera, including transmission and CT methods. **RADIOPHARMACEUTICALS** and watching lab preparations of doses, Radiotracer kinetics and characteristics (technetium-99m), discussion of PET agents. **RADIATION PROTECTION, ALARA**, Radiopharmaceutical receiving, handling, monitoring, and containment, Hazmat training, Handling radiopharmaceutical spills and waste, Storage and calibration of radiopharmaceuticals, Dosimetry and MIRD, Radiation Safety Concepts and Training, Radiation exposure, Governmental regulations, Radiation Exposure monitors and limits. **RADIATION BIOLOGY. AND MATHEMATICS PERTAINING OT THE USE AND MEASUREMENT OF RADIOACTIVITY**, Radiation Decay, Shielding (Half-Value Layer). **NUCLEAR CARDIOLOGY DIAGNOSTIC TESTS AND PROCEDURES/PROTOCOLS**: Image acquisition, Image processing. Most important of all **SECURITY OF RADIOACTIVE MATERIALS**.

If added information or further clarification is needed, we request that this be done via email lsphysics@att.net to minimize any delay in achieving final resolution on the amendment.

Sincerely,

Laura T. Smith, MS, DABR
Radiation Safety Officer #21-03210-01
St. John Hospitals

LINGAREDDY DEVIREDDY, M.D., P.C.

MACOMB MEDICAL BUILDING
11900 EAST 12 MILE RD., SUITE #103
WARREN, MICHIGAN 48093
TELEPHONE: (586) 574-0890
FAX: (586) 574-9321

LINGAREDDY DEVIREDDY, M.D., F.A.C.C.
DIPLOMATE, AMERICAN BOARD OF INTERVENTIONAL CARDIOLOGY
MEDICAL DIRECTOR, CARDIOVASCULAR SERVICES, ST. JOHN MACOMB HOSPITAL

LINGAREDDY DEVIREDDY, M.D., F.A.C.C.
SRINIVAS KONERU, M.D.

December 6, 2011

USNRC REGION 3
2443 Warrenville Rd, #210
Lisle, Illinois 60532-4351

RE: Experience of Dr. Lingareddy Devireddy, MD, PC

I confirm Dr. Lingareddy Devireddy, MD has over 700 hours of experience working with me in Nuclear Materials at our facility license # 21-32388-01. This training and experience is in basic radionuclide handling techniques and radiation safety applicable to the medical use of unsealed byproduct material for imaging and localization studies as described in 10 CFR 35.290.

If you have any questions please contact our physicist Laura Smith 313 609 2038.

Sincerely,



Srinivas Koneru, MD

Forster, Sara

From: Laura T. Smith- Physics [lsphysics@att.net]
Sent: Tuesday, April 10, 2012 2:28 PM
To: Forster, Sara
Cc: rayacarlson@att.net; christina.strutz@stjohn.org
Subject: Re: Lingareddy Devireddy, M.D., P.C., Lic. No. 21-32388-01, C/N 576653
Attachments: NRC Deverreddy 2012 attachB.JPG; NRC Deverreddy 2012 attachA.JPG; NRC Deverreddy 2012 response.JPG

Sara,
Thank you for waiting for my response, as I was out of the country, and then upon my return I have sick with some exhaustive head cold, that causes me to sleep quite a bit.

There are three attachments, which I believe satisfy all your requests.
Please note I am Dr. Deverreddies physics consultant, as well as the RSO for the st. John health system - so I have signed two documents - both are me.
Please email me with any concerns as I am best suited to assist you with this amendment.

Laura Smith
pager 313 609-2038
I prefer email communications

From: "Forster, Sara" <Sara.Forster@nrc.gov>
To: "lsphysics@att.net" <lsphysics@att.net>
Sent: Tue, April 10, 2012 12:52:03 PM
Subject: FW: Lingareddy Devireddy, M.D., P.C., Lic. No. 21-32388-01, C/N 576653

Resending per your request.

From: Forster, Sara
Sent: Thursday, April 05, 2012 7:00 AM
To: 'Laura T. Smith- Physics'
Subject: RE: Lingareddy Devireddy, M.D., P.C., Lic. No. 21-32388-01, C/N 576653

Hi Laura:

I reviewed the information provided below, together with the original request. On March 19, 2012, I spoke with the licensee regarding remaining deficiencies, and faxed a copy of the attached phone conversation record. The licensee has not responded to the deficiency request. Please let me know if any additional information will be provided.

Thank you,
Sara Forster
Sara.forster@nrc.gov

From: Laura T. Smith- Physics [<mailto:lsphysics@att.net>]
Sent: Wednesday, March 14, 2012 2:36 PM
To: Forster, Sara
Subject: Re: Lingareddy Devireddy, M.D., P.C., Lic. No. 21-32388-01, C/N 576653

Ok, If I understand correctly, I have scanned in the information again along with a signed cover sheet from me, and I also included the letter from Dr. K, incase you did not get that either. Please confirm receipt.

=)

Laura Smith
pager 313 609-2038
I prefer email communications

From: "Forster, Sara" <Sara.Forster@nrc.gov>
To: Laura T. Smith- Physics <lsphysics@att.net>
Sent: Tue, March 13, 2012 8:43:54 AM
Subject: RE: Lingareddy Devireddy, M.D., P.C., Lic. No. 21-32388-01, C/N 576653

Hi Laura –

Message received. Could you please resend the information, and include a signed cover sheet? Since you are the designated contact person, the cover sheet may be signed by you. It also may be signed by the licensee's RSO or other management.

Thank you,
Sara Forster
Sara.forster@nrc.gov

From: Laura T. Smith- Physics [<mailto:lsphysics@att.net>]
Sent: Tuesday, March 13, 2012 7:00 AM
To: Forster, Sara
Subject: Re: Lingareddy Devireddy, M.D., P.C., Lic. No. 21-32388-01, C/N 576653

I am sorry for the missing information (just what you need in your day to find missing paperwork on top of everything else). I believe this should correct the issue, if you could please confirm receipt, and if there is anything else you need.

Laura Smith
pager 313 609-2038
I prefer email communications

From: "Forster, Sara" <Sara.Forster@nrc.gov>
To: Laura T. Smith- Physics <lsphysics@att.net>
Sent: Thu, March 8, 2012 6:07:08 PM
Subject: Lingareddy Devireddy, M.D., P.C., Lic. No. 21-32388-01, C/N 576653

Hi Laura:

Lingareddy Devireddy, M.D., P.C., Lic. No. 21-32388-01 has requested to add Lingareddy Devireddy, M.D., as an Authorized User (AU). The licensee has indicated that you are the contact person for this amendment request.

In support of the application, the licensee submitted pages 1 and 4 of an NRC Form 313A (AUD). The middle two pages – Pages 2 and 3 – are missing in the materials I have received. The details under Item 3, Training and Experience for the Proposed Authorized User, are needed in order to consider Dr. Devireddy for approval as an AU.

Please contact me regarding the referenced amendment request. We cannot continue the review without additional information confirming that Dr. Devireddy's Training and Experience meets the requirements outlined in 10 CFR 35.290(c)(1). You may send any additional documentation to our facsimile,

(630) 515-1078, or attached to an email as a pdf file. My email address is sara.forster@nrc.gov. Additional documentation should include a signed and dated cover sheet.

Thanks in advance,

Sara A. B. Forster, Health Physicist Licensing Reviewer
U.S. Nuclear Regulatory Commission - Region III
Division of Nuclear Materials Safety
2443 Warrenville Rd. - Ste. 210
Lisle, IL 60532-4352
sara.forster@nrc.gov
Direct: (630) 829-9892

