



K-8

MS-16

November 16, 2010

**Sandy Gabriel**  
Senior Health Physicist  
Medical Branch, Division of Nuclear Materials Safety  
U.S. NRC Region I  
Nuclear Materials Section B  
475 Allendale Road  
King of Prussia, Pennsylvania 19406-1415

03019530

**RE:** Additional information requested for addition of Kozhaya Mallah, M.D. as an Authorized User for NRC Radioactive Materials License #: 47-19919-01

Dear Madam:

Enclosed is the additional information you requested regarding the request to add Kozhaya Mallah, M.D. as an authorized user for 35.200.

The total hours of experience on page 2 of Form 313A(AUD) has been completed to reflect 600 total hours of supervised work experience in radionuclide handling techniques while Dr. Mallah was at St. Michaels and St. Joseph's Medical Center in Newark, NJ between July 1, 2007 and June 30, 2010.

Secondly, a detailed curriculum for the radioisotope training has been provided as explanation of classroom and laboratory training during the period of February 13<sup>th</sup> -21<sup>st</sup>. As requested, we are faxing you the documentation to the provided fax number referencing mail control 573506.

Sincerely,

Nancy Godby  
Chief Operating Officer  
Compliance Officer  
Logan Regional Medical Center

Cc: James Norwick

Enc.

573506  
NMSS/RGN1 MATERIALS-002

NRC FORM 313A (AUP) U.S. NUCLEAR REGULATORY COMMISSION  
 (3-2009) AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

**5. Training and Experience for Proposed Authorized User**

**a. Classroom and Laboratory Training.**

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	Institute For Nuclear Medical Education, (INME) Secaucus, NJ	50	Feb 13-21, 2010
Radiation protection	INME, as above	15	Same as Above
Mathematics pertaining to the use and measurement of radioactivity	INME, as above	10	Same as Above
Chemistry of byproduct material for medical use (not required for 35.580)	INME, as above	15	Same as Above
Radiation biology	INME, as above	10	Same as Above
<b>Total Hours of Training:</b>		<b>100 hrs Total</b>	

**b. Supervised Work Experience (completion of this table is not required for 35.580).**  
 (If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Supervised Work Experience		Total Hours of Experience:	600 hrs FS	
Description of Experience Must include:	Location of Experience/License or Permit Number of Facility	Confirm	Dates of Experience*	
Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys	St. Michael's and St. Joseph's Medical Center, Newark, NJ #29/101-30-02	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	07/01/07 to 06/30/10	
Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters	Same as above	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Same	

**INSTITUTE FOR NUCLEAR MEDICAL EDUCATION  
INME  
BASICS OF RADIOISOTOPE HANDLING  
MEDICAL RADIOISOTOPE HANDLING**

**CLASSROOM & LABORATORY TRAINING<sup>(1)</sup>**

TOPIC	(1)	(2)	(3)
	In-Class	Study	TOTAL
Radiation Physics	24	6	30
Instrumentation <sup>(4)</sup>	16	4	20
Radiation Protection <sup>(4)</sup>	12	3	15
Mathematics Pertaining to the Use and Measurement of Radiation and Radioactivity	8	2	10
Chemistry of Byproduct Material for Medical Use Including Production, QC/QA and Control	12	3	15
Radiation Biology	8	2	10
	<b>80</b>	<b>20</b>	<b>100</b>

(1) The program provides classroom-based training with a formal, didactic classroom experience of instruction and laboratory presentations. The identity and presence of the participants is established through physical supervision of the educational experience.

(2) The classes provide 8.5-9.0 hours of daily instruction for a total of 80 hours. An additional 20 hours may be obtained through documented exercises external to the classroom training.

(3) The total hours, if achieved by the participant, Category 1 CME and/or college/university credit, have been reviewed by external agencies and approved for 100 hours.

(4) The in-class program includes HAZMAT CERTIFICATION for the shipping and receiving of radioactive materials in compliance with the requirements of the DOT, other standards.