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37-28153-01

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NRC FORM 313A (AUD) (10-2006)	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 10/31/2008
<b>AUTHORIZED USER TRAINING AND EXPERIENCE          AND PRECEPTOR ATTESTATION</b> (for uses defined under 35.100, 35.200, and 35.500) <b>[10 CFR 35.190, 35.290, and 35.590]</b>		

Name of Proposed Authorized User PREM KUMAR, M.D.	State or Territory Where Licensed PENNSYLVANIA
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Requested Authorization(s) (check all that apply)

35.100 Uptake, dilution, and excretion studies

35.200 Imaging and localization studies

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.

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.
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.)*

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.			

**Total Hours of Experience:**

Supervising Individual	License/Permit Number listing supervising individual as an authorized user
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Supervisor meets the requirements below, or equivalent Agreement State requirements (check all that apply).

- 35.290       35.390 + generator experience in 32.290(c)(1)(ii)(G)

139883  
 NMCC/RGN MATERIALS-002

NRC FORM 313A (AUD)  
(10-2005)

U.S. NUCLEAR REGULATORY COMMISSION

## AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

 3. 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	HEALTH PHYSICS SERVICES, INC. WASHINGTON, D.C.	100	COMPLETED 12/1998
Radiation protection	"	30	"
Mathematics pertaining to the use and measurement of radioactivity	"	20	"
Chemistry of byproduct material for medical use (not required for 35.590)	"	30	"
Radiation biology	"	20	"
<b>Total Hours of Training:</b>		200	

b. Supervised Work Experience (completion of this table is not required for 35.590).  
(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Description of Experience	Location of Experience/License or Permit Number of Facility	Clock Hours	Dates of Experience*
Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys	BUTLER MEMORIAL HOSPITAL BUTLER, PA 16001 NRC LICENSE #: 37-13548-01	200	1994-2007
Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters	" "	200	1994-2007
Calculating, measuring, and safely preparing patient or human research subject dosages	" "	200	1994-2007

NRC FORM 313A (AUD) (10-2006) U.S. NUCLEAR REGULATORY COMMISSION  
**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Training and Experience for Proposed Authorized User (continued)**

**b. Supervised Work Experience. (continued)**

Description of Experience	Location of Experience/License or Permit Number of Facility	Clock Hours	Dates of Experience*
Using administrative controls to prevent a medical event involving the use of unsealed byproduct material	Butler Memorial Hospital NRC License 37-13548-01	200	1994-2007
Using procedures to contain spilled byproduct material safely and using proper decontamination procedures	" "	10	"
Administering dosages of radioactive drugs to patients or human research subjects	" "	200	"
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	<i>Christina Dady</i> Cardinal Health Radiopharmacy Pittsburgh PA RP 036682	2 Dr. Subbiah also in attendance.	01/20/2007

**Total Hours of Experience:** 1012

Supervising Individual	License/Permit Number listing supervising individual as an authorized user
T. N. Subbiah M.D.	37-28153-01

Supervisor meets the requirements below, or equivalent Agreement State requirements (*check one*).  
 35.190     35.290     35.390     35.390 + generator experience in 35.290(c)(1)(ii)(G)

**c. For 35.590 only, provide documentation of training on use of the device.**

Device	Type of Training	Location and Dates

**d. For 35.500 uses only, stop here. For 35.100 and 35.200 uses, skip to and complete Part II Preceptor Attestation.**

NRG FORM 313A (AUD)  
(10-2006)

U.S. NUCLEAR REGULATORY COMMISSION

**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)

**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 \_\_\_\_\_ 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 PREM KUMAR has satisfactorily completed the 700 hours of training  
Name of Proposed Authorized User

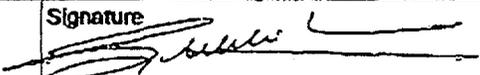
and experience, including a minimum of 80 hours of classroom and laboratory training, required by 10 CFR 35.290(c)(1), and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100 and 35.200.

**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
T. N. SUBBIAH, M.D.		724-283-6668	1/17/2007

License/Permit Number/Facility Name  
NRC LICENSE #: 37-28153-01                      SUBBIAH CARDIOLOGY ASSOCIATES, LTD