

**From:** Donna Janda  
**To:** greerbj@ph.upmc.edu  
**Date:** Wed, Dec 6, 2006 11:25 AM  
**Subject:** Additional information needed for amendment request

Licensee: UPMC Passavant  
License No. 37-11887-02  
Docket No. 03017149  
Mail Control No. 139519

Subject: Request to add Rauchine Akindede, M.D., Jennifer Ann Wilson, M.D., and Hrishikesh Kale, M.D., to NRC license as Authorized Users

**Please send an email to confirm receipt of this message.**

To: Ms. Betty J. Greer, Imaging Services

In order to continue our review of the request to add Drs. Rauchine Akindede, Jennifer Ann Wilson, and Hrishikesh Kale to UPMC Passavant's license as authorized users for uses under 10 CFR 35.100 and 35.200, please provide the following additional information to demonstrate that the proposed authorized users meet the requirements of 10 CFR 35.190 and 35.290:

1. For Drs. Rauchine Akindede and Jennifer Ann Wilson, provide documentation that each proposed authorized user has completed 700 hours of training and experience, including a minimum of 80 hours of classroom and laboratory training, in basic radionuclide handling techniques applicable to the medical use of unsealed byproduct material for imaging and localization studies. The training and experience must include, at a minimum:

A. Classroom and laboratory training in the following areas -

- 1) radiation physics and instrumentation;
- 2) radiation protection;
- 3) mathematics pertaining to the use and measurement of radioactivity;
- 4) chemistry of byproduct material for medical use;
- 5) radiation biology; and

B. Work experience, under the supervision of an authorized user who meets the requirements in 10 CFR 35.190 and either 35.290 or 35.290(c)(1)(ii)(G) and 35.390, or equivalent Agreement State requirements, involving -

- 1) Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys;
- 2) Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters;
- 3) Calculating, measuring, and safely preparing patient or human research subject dosages;
- 4) Using administrative controls to prevent a medical event involving the use of unsealed byproduct material;
- 5) Using procedures to safely contain spilled radioactive material and using proper decontamination procedures;
- 7) Administering dosages of radioactive drugs to patients or human research

subjects; and

8) Eluting generator systems appropriate for 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.

2. Provide a copy of Dr. Hrishikesh Kale's American Board of Radiology board certification.

3. For each of the proposed authorized users listed above (Drs. Akindede, Wilson, and Kale), provide a written attestation, signed by a preceptor authorized user who meets the requirements in 10 CFR 35.190 and either 35.290 or 35.290(c)(1)(ii)(G) and 35.390, or equivalent Agreement State requirements, that the proposed authorized user has satisfactorily completed the requirements in 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.

You may submit the requested documentation on NRC Form 313A, which can be found at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc313a.pdf> or you may submit the information in another format.

Because your response will contain license commitments, please have your response signed and dated by an individual authorized to make binding commitments and sign official documents on behalf of UPMC Passavant. Please be sure to include Mail Control No. 139519 in your response. Please note that you may not reply to this email by return email. Please reply in writing by letter or facsimile (610-337-5269) within 14 calendar days from the date of this email.

If you have any questions regarding these items, please call me at 610-337-5371.

Thank you for your attention to this matter.

Sincerely,

Donna Janda  
Health Physicist, Medical Branch  
Division of Nuclear Materials Safety  
U.S. NRC Region I

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