



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

May 24, 2005

Docket No. 03002960  
Control No. 136890

License No. 37-00485-04

Carl Seidel  
Vice President  
Reading Hospital and Medical Center  
Sixth Avenue And Spruce Street  
West Reading, PA 19612

SUBJECT: READING HOSPITAL AND MEDICAL CENTER, REQUEST FOR ADDITIONAL  
INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO  
LICENSE, CONTROL NO. 136890

Dear Mr. Seidel:

This is in reference to your letters dated April 11 and April 19, 2005 requesting to amend Nuclear Regulatory Commission License No. 37-00485-04. In order to continue our review, we need the following additional information:

1. In support of your request to name Rebecca C. Middleton, Ph.D. as Authorized Medical Physicist (AMP), please provide a copy of her American Board of Radiology certificate in Therapeutic Radiological Physics.
2. With regard to your request to name Brent Z. Wang, Ph.D. as AMP, it is necessary for him to meet the requirements of 10 CFR 35.51 (or, until October 24, 2005, the requirements of 10 CFR 35.961). An individual who is not board-certified must document one year of full-time training in medical physics and an additional year of full-time work experience under the supervision of an AMP. It appears that Dr. Wang has had approximately one year of post-doctoral training in medical physics. Therefore it is necessary for Dr. Wang to obtain and document an additional year of full-time work experience. You may reapply when Dr. Wang fully meets the requirements of 10 CFR 35.51.

Please note that a revision of 10 CFR 35.51 was published in the Federal Register on March 30, 2005. It may be helpful for you to review the revised regulation to become familiar with the updated requirements.

3. You have requested that Walter L. Robinson be named Radiation Safety Officer (RSO) on your license. It appears that this individual may be an outside consultant/contractor. If this is so, in support of this request, please address the following:
  - a. Describe the control over the radiation safety program that will be delegated so that the consultant-RSO will be able to exercise authority over authorized users when confronted with radiation safety problems that require implementation of corrective actions.

- b. Describe the relationship that will exist between the consultant-RSO and your institutional management regarding expenditure of funds to facilitate the objectives of your radiation safety program and related regulatory requirements.
- c. Identify other commitments of the consultant-RSO for other NRC or Agreement State licensed facilities, along with a description of how the consultant-RSO will allocate time to permit the performance of the duties of the RSO as described in the regulations. State the consultant-RSO's minimum amount of on-site time (hours per week).
- d. Describe the overall availability of the consultant-RSO to respond to questions or operational issues that arise during the conduct of your radiation safety program and related regulatory requirements. Specify the maximum amount of time it will take the RSO to arrive at the facility in the event of an emergency that requires his presence.

Current NRC regulations and guidance are available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/who-we-are/governing-laws.html> or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No.136890. If you have any technical questions regarding this deficiency letter, please call Shirley Xu at (610) 337-5006.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your applications.

Sincerely,

***Original signed by Michelle Beardsley***

Sandra Gabriel  
Senior Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

cc:  
Rene Smith, Radiation Safety Officer

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DATE	5/24/2005		5/24/2005					

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