

**From:** Sandra Gabriel  
**To:** weiminchen@yahoo.com  
**Date:** Wed, Oct 4, 2006 3:28 PM  
**Subject:** Additional information for NRC license amendment request, mail control 139440

Licensee: Newark Beth Israel Medical Center  
License No.: 29-00102-07  
Docket No.: 03020802  
Mail Control No.: 139440

To: Weimin Chen, Ph.D., Chief Physicist

This is to follow up to our telephone conversation last week regarding the request to add 2 authorized medical physicists (AMPs).

A) Sou-Ting Chiu-Tsao, Ph.D. is listed as a medical physicist on the New York City license for Beth Israel Medical Center. Because New York City licenses do not indicate specific authorizations for each physicist, it is necessary to have someone from that hospital confirm that Dr. Chiu-Tsao performed the duties of HDR authorized medical physicist within the past 7 years. Please have someone from that hospital call me (610-337-5182), e-mail me (slg2@nrc.gov), or send a fax (610-337-5269) to provide this confirmation. We should be able to issue an amendment (under mail control 139387) to add Dr. Chiu-Tsao within a few days of receiving the confirmation. If you would like that amendment to be faxed to Newark Beth Israel when it is mailed, please provide the fax number and name of recipient.

B) For Rompin Shih, Ph.D., you stated that he has significant training and experience in the United States, and we agreed to evaluate solely the United States information. Four different pieces of information are required to show that Dr. Shih fully meets the requirements of 10 CFR 35.51(b) and (c) to be authorized as HDR AMP:

- documentation that he holds one of the specified graduate degrees;
- documentation of one year of full-time training in medical physics, and one year of full-time medical physics experience supervised by someone who meets the NRC requirements for HDR AMP;
- documentation of training in HDR training in hands-on device operation, safety procedures, clinical use, and operation of a treatment planning system; and
- a preceptor attestation, signed by someone who meets the NRC requirements for HDR AMP, that he has completed the other requirements and is competent to function independently as an HDR AMP.

The only one of these 4 pieces of information that was fully provided is the first, documentation of the graduate degree. More information is needed for the other 3 areas. Also, it is unclear if Dr. Shih has any HDR training or experience in the U.S.

Please submit the following information within 30 days:

1) A statement to show that Dr. Shih fully meets the requirements of 10 CFR 35.51(b)(1), for example: "Dr. Shih completed one year of full-time training in medical physics and an additional year of full-time work experience at \_\_\_\_\_ (hospital) between \_\_\_\_\_ (date) and \_\_\_\_\_ (date). This training and experience was supervised by \_\_\_\_\_ who is an HDR authorized medical physicist under \_\_\_\_\_'s (hospital's) radioactive materials license. This training and experience took place in clinical radiation facilities that provide high-energy, external beam therapy and brachytherapy services and included, among other activities, performing: sealed source leak tests and inventories, decay corrections, full

calibration and periodic spot checks of external beam and HDR treatment units, and radiation surveys around external beam and HDR treatment units." If there was more than one supervisor or more than one hospital, list all of the names. For each supervisor, provide the NRC license number or copy of the agreement state license. If this is a broad license that doesn't list individual AMPs, provide a letter from the Radiation Safety Officer confirming that the supervisor was an HDR AMP during the range of training dates.

2) Documentation that Dr. Shih has received training required under 10 CFR 35.51(c), including HDR hands-on device operation, safety procedures, clinical use, and operation of a treatment planning system. This training may be provided by the HDR vendor or by an HDR authorized medical physicist. Indicate who provided the training and when it took place.

3) An signed attestation statement to meet the requirements of 10 CFR 35.51(b)(2), for example: "Dr. Shih has satisfactorily completed the requirements in 10 CFR 35.51(b)(1) and (c) and has achieved a level of competency sufficient to function independently as an authorized medical physicist for HDR." This statement may be signed by an HDR AMP different from the ones who supervised Dr. Shih's training; for example, you could sign this statement.

Please note that you may not reply to this letter by return e-mail. The additional information about Dr. Shih must be submitted in writing by letter or fax (610-337-5269), referencing mail control 139440. If you send a fax, you may wish to leave a voicemail or e-mail message to alert me. If we do not receive a reply from you within 30 calendar days from the date of this e-mail, we will assume that you do not wish to pursue your application.

Please feel free to contact me with any questions. Thank you for your cooperation.

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