

From: Sandra Gabriel
To: wlr@comcast.net
Date: Wed, Jul 12, 2006 3:15 PM
Subject: Additional information for amendment request for Easton Hospital, control #138833

Licensee: Northampton Hospital Corporation, d/b/a Easton Hospital
License No.: 37-09938-01
Docket No.: 03003119
Mail Control No.: 138833

To: Walter L. Robinson, Radiation Safety Officer

This is to follow up to the voicemail message that I left for you earlier today. Please provide the following additional information within 15 days. Please note that you may not reply to this letter by return e-mail. The hospital may mail their signed response or fax it to 610-337-5269, referencing mail control 138833. They may wish to leave a voicemail or e-mail message to alert me if a fax is sent.

Please send an e-mail to confirm receipt of this message.

1) Regarding the request to name Mark Liddington as Radiation Safety Officer (RSO), the two supporting letters were written before the current version of 10 CFR 35.50 became the only method to qualify an RSO. The following additional information is needed to fully document that Mr. Liddington meets the current regulatory requirements:

a) Confirm that Mr. Liddington has completed 200 hours of classroom and laboratory training, including each of the areas listed below. Also provide documentation of completion of this training (e.g., training certificates or transcript).

- i) radiation physics and instrumentation
- ii) radiation protection
- iii) mathematics pertaining to the use and measurement of radioactivity
- iv) radiation biology
- v) radiation dosimetry

b) Confirm that Mr. Liddington has completed one year of full-time radiation safety experience under your supervision (or under the supervision of an RSO on another license that authorizes similar uses to Easton Hospital's), involving each of the areas listed below:

- i) shipping, receiving, and performing related radiation surveys
- ii) using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides
- iii) securing and controlling byproduct material
- iv) using administrative controls to avoid mistakes in the administration of byproduct material
- v) using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures
- vi) using emergency procedures to control byproduct material
- vii) disposing of byproduct material

c) Confirm that Mr. Liddington has training in the radiation safety, regulatory issues, and emergency procedures for all types of use currently authorized on Easton Hospital's license, and describe who provided that training (for example, you or another preceptor RSO).

d) Resubmit the required preceptor attestation under your signature (or that of another preceptor RSO), stating that Mr. Liddington "has satisfactorily completed the requirements in 10 CFR 35.50(b)(1) and (e) and has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use license."

2) Regarding statements about naming a consultant as RSO, please confirm that Mr. Liddington will immediately contact hospital management regarding any urgent radiation safety issues, including those requiring expenditure of funds. This statement should be signed by hospital management.

3) During the April 2006 NRC inspection of this license, we advised Easton Hospital to remove their authorization for intravascular brachytherapy if this program is no longer active. Please describe the status of this program. If it has been discontinued, management should request to remove this authorization, including documentation that the vendor received the final sources.

4) This license authorizes depleted uranium shielding in a linear accelerator (linac). Please specify the linac manufacturer and model number and whether Easton Hospital still possesses this linac. If the hospital no longer possesses the licensed material, management should request to remove this authorization, including documentation of receipt of the material by an authorized recipient.

Thank you for your help. If you have any questions, you may e-mail me or call at 610-337-5182.

Sandy Gabriel
Senior Health Physicist
Medical Branch
NRC Region I

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