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August 3, 2011

Nuclear Regulatory Commission
Region 1
Nuclear Materials Safety Branch
Division of Radiation Safety and Safeguards
475 Allendale Road
King of Prussia, PA 19406-1415

RECEIVED
REGION 1
2011 AUG - 5 AM 10: 55

RE: License # 06-09261-01 Amendment

03001275

To Whom It May Concern:

The hospital has decided to cease use of all brachytherapy sources. Therefore, we request the removal of 10 CFR 35.400 materials from our license.

We have attached a decommissioning report from Mr. Michael J. Bohan, Health Physicist documenting the close out survey and wipe testing performed, and declaration that we no longer possess brachytherapy sources.

Thank you for your prompt attention to this matter.

Sincerely,



Bruce Cummings
President & CEO

Encl: "Prostate Brachytherapy Program-Decommissioning Report" dated 7/15/11

575760
NMSS/RGN1 MATERIALS-002

Yale Department of Radiation Oncology
L&M Hospital, New London, CT

July 15, 2011

Prostate Brachytherapy Program – Decommissioning Report

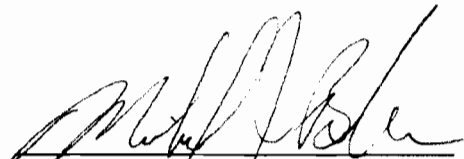
The purpose of this letter is to document the decommissioning process for the prostate brachytherapy program at L&M Hospitals.

The existing inventory on July 15, 2011 consisted of a total of 306 Palladium-103 seeds that were ordered, but never implanted. No Iodine-125 seeds were ever ordered during the duration of the program at L&M Hospitals. These sources had been held-in-decay and contained an estimated activity of 5.0×10^{-22} millicuries as of July 15, 2011. All lead pigs and glass vials were opened and surveyed with a Ludlum Model 3 survey meter (Serial Number 146438) using a pancake type GM probe. Background was measured at 0.02 mR/hr. All surveys of the lead pigs, glass vials, spent seeds and area surveys of the Hot Lab were indistinguishable from background at 0.02 mR/hr. All radioactive labels on the lead pigs and glass vials were defaced before disposal. All seeds were disposed after being surveyed.

The Cs-137 Dose Calibrator reference source (Source No 584-31-20, 205.8 uCi @ 1-May-98) and the I-129 gamma reference standard (Source No 613-53, 0.1027 uCi @ 15-May-98) were transferred to Yale-New Haven Hospital (NRC License No. 06-00819-03). The Capintec dose calibrator and Ludlum Model 2200 scaler with NaI well counter were transferred to the L&M Nuclear Medicine Program.

All paperwork associated with the Palladium-103 implant inventory should be kept for a minimum of three years before being disposed.

Certified by:


Michael J. Bohan
Medical Health Physicist

This is to acknowledge the receipt of your letter/application dated

8/3/2011, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (06-09261-01) There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 575760.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.