

***Radiation Therapy Associates, P.C.  
6255 N. Inkster Road  
Suite 7  
Garden City, MI 48135***

***(734) 522-8540 / (734) 522-5405 fax***

June 5, 2015

Jennifer Bishop  
Materials Licensing Branch  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Fax: (630) 829-9782

Control No. 585549

Dear Ms Bishop:

This letter is a response to your request for additional information regarding the renewal of License No. 21-26536-01.

1. Item 9 - Dose calibrator and other dosage measuring equipment: No dose calibrator or other dosage measuring equipment are available at this facility. All radio pharmaceuticals for administration to patients are obtained in unit dose form from a licensed nuclear pharmacy. The pharmacy provides the activity of each dose at the requested time of administration. If the actual administration time is different than the assay time, the actual activity to be administered is calculated using its decay factor. The activity to be administered is reviewed and accepted by the authorized user before medical use.

2. Item 9 - Radiation monitoring instruments: Our current survey instrument is a Ludlum 14C GM survey meter. This is calibrated by an outside service provider who is qualified to perform survey meter calibrations. We reserve the right to upgrade our survey instruments as necessary so long as they are adequate to measure the type and level of radiation for which they are used.

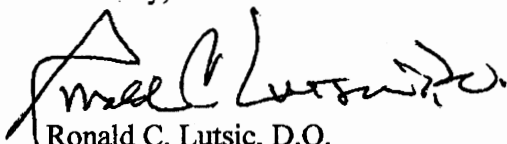
3. Item 9 - Other facilities and equipment: Manual brachytherapy in this facility involves the placement of iridium-192 seeds in nylon ribbon intracavitarily at the treatment site. The most common sites are major bronchi of the lung and the esophagus. In preparation of such treatments, a closed end catheter is placed in the treatment site and verified radiographically. To initiate the treatment, the sources (iridium-192 seeds in nylon ribbon) are inserted through this catheter to the treatment site. In the event of a medical

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emergency requiring termination of a treatment, the sources would be removed from the catheter and placed in a shielded container, which is typically the manufacturer's shipping container. This shielded container is stored in a locked cabinet located in the brachytherapy room. The only equipment required for emergency source removal are long forceps and the shielded container. The survey meter is also used to verify that all sources have been removed and that they are safely stored. This equipment is always immediately available in the brachytherapy room. When such treatments are terminated early, the time of source removal is noted. The actual source implant time is used to calculate the radiation dose delivered. Records of the source removal, the actual radiation dose delivered, and the radiation survey are maintained in the medical record and the radioactive material use record.

Please contact me if additional information is needed.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald C. Lutsic". The signature is stylized with a large initial "R" and "L".

Ronald C. Lutsic, D.O.  
President

# Radiation Therapy Associates, P.C.

RONALD C. LUTSIC, D.O., F.A.C.R.O.  
RADIATION ONCOLOGIST

Main Office

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Consults only

21100 Allen Road  
Woodhaven, MI 48183

## FACSIMILE TRANSMITTAL COVER SHEET

DATE: 6/5/15 TIME: \_\_\_\_\_

TRANSMITTAL TO: Ms. Jennifer Parker

1-630-515-1048

DESTINATION FACSIMILE NUMBER: \_\_\_\_\_

TRANSMITTAL FROM: Dr. Lutsic

MESSAGE: Response letter.