



St. Vincent's  
Medical Center

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July 29, 1987

OFFICIAL RECORD COPY

Josephine M. Piccone, Ph.D., Health Physicist  
Nuclear Materials Safety Section B  
Division of Radiation Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

3Ø-Ø1245

Dear Dr. Piccone:

This letter is in response to our telephone conversation of July 22, 1987, requesting additional information regarding the request to renew the St. Vincent's Medical Center Byproduct Material License 06-00843-03. The Mail Control Number is 12-0054.

1. The instrument used to count wipe samples is a Picker Gamma Spectroscaler Model 4R, equipped with a 1.5 x 1.5 NaI (Tl) well-type scintillation counter. The spectrometer is calibrated daily with a 0.1 microCi source of Cs-137. Wipe sample counts are compared to a calibrated rod source of 0.1 microCi Co-57; the sample count rate is converted to disintegrations per minute (d/m) by comparison with the Co-57 source, corrected for decay of Co-57.

2. The Action Levels for wipe sample contamination will be as specified in 10CFR Part 35.70(f): 2000 d/m for weekly wipe tests; and as in 10CFR Part 35.31(a)(7): 200 d/m for I-131 contamination in rooms of patients required to be hospitalized in compliance with 10CFR Part 35.75. Action Levels means that decontamination will be undertaken if wipe samples d/m are exceeded.

3. The Action Level for the Thyroid Burden of personnel involved in administering I-131 in capsule form to patients who must be hospitalized in compliance with 10CFR Part 35.75 is established at 0.01 microCi of I-131. An investigation by the Radiation Safety Officer will be carried out to determine the cause of thyroid burdens in excess of the Action Level.

Note that these thyroid doses are ordered to the exact prescription of the attending Nuclear Medicine Physician, and are received and dispensed in capsule form to these patients.

We trust you will find the information provided complete. We are looking forward to the prompt renewal of our NRC License.

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St. Vincent De Paul  
University School of Medicine

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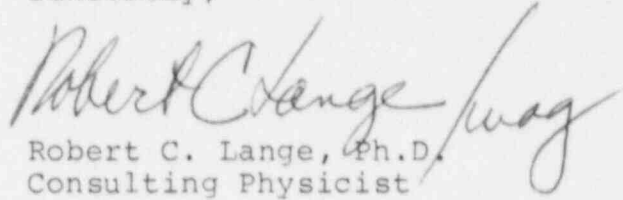
Josephine M. Piccone, Ph.D., Health Physicist  
U.S. Nuclear Regulatory Commission  
July 29, 1987

-2-

RE: Renewal of #06-00843-03, Control # 12-0054

If there are any further questions, please contact us.

Sincerely,

  
Robert C. Lange, Ph.D.  
Consulting Physicist

RDL:mag