

## Marion Memorial Hospital

MUNICIPALLY OWNED--WEST MAIN AT SOUTH VICKSBURG

Merle L. Aukamp, Administrator

City of Marion, Illinois

62959

November 29, 1985

Mr. Donald J. Sreniawski  
Chief, Nuclear Materials Safety  
Section 2  
U. S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Reference: License number 12-17600-01

Dear Mr. Sreniawski:

We are in receipt of your letter dated November 8, 1985, and submit the following information in response to your request:

1. Be advised that as of the date of this letter, the dose calibrator daily constancy check will include measurements at commonly used settings of Molybdenum 99 and Xenon 133 as required.
2. Packages containing radioactive materials, specifically the Xenon 133 packages, arrive with the weekly Mo 99/TE 99m generator shipment. The packages are surveyed together upon arrival. If a separate entry is required for the Xenon package, please let us know in your response letter.
3. The Xenon 133 trap system is left in the hallway outside the imaging room during imaging procedures to prevent background interference from the Xenon. The trap system is not left unsecured for unauthorized removal at any other time. The Hot Lab area is too small to allow for placement of the trap device. The trap is in a place where observation by Radiology and Nuclear Medicine personnel is relatively constant. It is also in a situation whereby no one would receive radiation exposure from it.
4. The effluent will be monitored utilizing the trap monitor system as noted in our license application. This will be effective as of the date of this letter.
5. The air flow rates in the department will be checked on a semi-annual basis effective as of the date of this letter.

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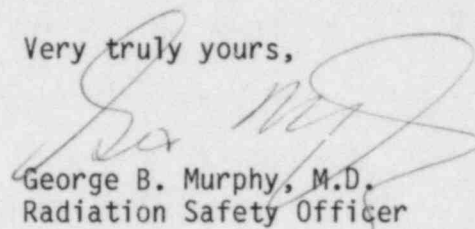
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Mr. Donald J. Sreniawski  
U. S. Nuclear Regulatory Commission

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Thank you for your cooperation in this matter. Should you have any questions or require any other information, please contact me at your convenience.

Very truly yours,



George B. Murphy, M.D.  
Radiation Safety Officer

GBM:djl

cc: Merle Aukamp  
Gary Groves