

June 22, 1979

Mr. Samuel L. Pettijohn
Regional Licensing Section
License Management Branch
Division of Fuel Cycle & Material Safety
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Pettijohn:

Control Number 01436

This is in response to your letter of May 29, 1979 and other items discussed on your visit to our facility on May 30, 1979.

In reply to items #1 and #2 in your letter, Mr. James Durlacher, our physicist, performs the survey meter calibrations as authorized under his license (#13-07-215-01).

In reply to item #3 and your discussions with Mr. Durlacher, he is setting up radiation safety lectures for all personnel in Nuclear Medicine. These will be given at least annually.

In view of personnel turnover, lectures to nursing personnel involved in patient care for those receiving large doses of radioactive material or brachytherapy treatment, will be given quarterly.

Mr. Kidder outlined our procedures for administering therapeutic doses of I-131 during your visit. For the record, we are repeating them here:

1. Following inspection of package, shipment is stored behind lead bricks in the fume hood.
2. The vial is opened within the hood with the exhaust fan running.
3. Other than cancer patients, doses are administered in the Nuclear Medicine facility. Cancer patients are in private rooms. The vial is placed in a lead pig and transported to the patient's room for administration.

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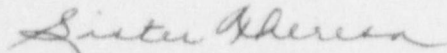
The usual precautions with linens, etc. as specified are carried out, including surveys, etc.

In reply to item #5, it is our understanding that the description of the air circulation in the Nuclear Medicine facility was satisfactory for your requirements. As you may recall, the air recirculation is restricted to the Camera Room and the adjacent CT Scanner Room. The fume hood where Xe-133 is both stored and released is under negative pressure.

We have taken steps to place a door directly on the cubicle where the radioactive brachy sources are stored. Also, we have initiated action to provide film badges for nursing personnel engaged in the care of patients with therapeutic doses of radionuclides.

We trust these answer your questions and complete our requirements for license renewal.

Sincerely,



Sister Theresa Peck
Administrator

STP:nlw