

Humana Hospital Springfield

May 19, 1986

Bruce Mallett, Ph.D.
Chief, Licensing Section
U.S. Nuclear Regulatory Commission
Glen Ellyn, IL 60137

Reference: 12-16777-01

Dear Dr. Mallett:

We request that you review our By-Product Materials License in its entirety with all authorizations included in subsequent amendments since the last renewal.

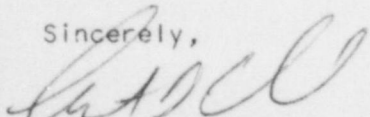
There are no changes to our program or license application information, with the exception of the following items.

1. We request that you add Lisa Slifer Radwine, M.D. as a user of materials on our license. Dr. Radwine's name was currently listed as an authorized user on amendment number 21 of license number 12-01804-01, which is St. Vincent Memorial Hospital, 201 E. Pleasant, Taylorville, IL 62568.
2. Regarding the use of Xenon 133, please note the following:
 - a. The Xenon trap system is monitored by an electronic device such as the Xenalert system. The monitoring of the trap is on a continual basis each time an exam is performed. The monitoring system is checked annually for its accuracy, in accordance with the manufacturer's instructions.
 - b. The air flow rates in the Imaging and Hot Lab areas are checked on a semi-annual basis, as required.

Enclosed, please find a check for \$580.00 to cover the renewal fee as required.

Should you have any questions, please contact Mr. Ronald D. Edwards, Physicist, Radiation Protection Consultants, 4225 Westbrook Drive, Suite 211, Aurora, IL 60505; (312) 851-5986. He is authorized to answer any questions or provide any additional information you may require regarding this application or subsequent applications.

Sincerely,


Austin D. Edwards
Executive Director

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