



14519 DETROIT AVENUE

LAKEWOOD, OHIO 44107

PHONE (216) 521-4200

John W. Cooper, Ph.D. Chief
Regional Licensing Section
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Byproduct material license #34-01197-01

Dear Dr. Cooper:

030 - 02671

This amendment request is to inform the Commission of the relocation of the Nuclear Medicine Department within the hospital facility. Attached is the general room layout of the new department with each area indexed.

The abandoned Nuclear Medicine Department was surveyed with a Victoreen, CDV-700, G-M survey meter. The survey was performed, on contact with the G-M probe, on all areas where radioactive material was stored, manipulated, or used. All obtained readings were 0.00mR/hr - 0.07mR/hr. The background reading was 0.02mR/hr. Also, wipe tests were performed on areas where radioactive material was stored, manipulated, or used. The wipe samples were analyzed using an Abbot well/scaler system. The scaler was set to encompass 50 Kev to 1000 Kev energy range which reflects the energies of radionuclides used in our department. Assuming an average energy efficiency at 122 Kev of 81.7%, the conversion factor to convert counts per minute above background cpm to disintegrations per minute is 1.22. The action level for contamination is 100 dpm/100cm². All obtained results were below 100 dpm/100cm². All collected data will be maintained on file for inspection.

As a result of the survey which determined that the abandoned Nuclear Medicine Department was free of contamination, the abandoned department was released for general public use.

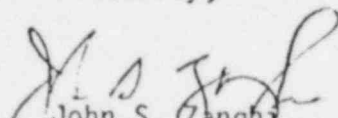
Our equipment inventory, now, includes an Ohio Nuclear sigma 420 portable camera, and a MCS-560 computer.

Attached is our adopted ALARA program.

If additional information is required, please feel free to contact my office.

Fee Schedule: Category B - Exempt.

Sincerely,


John S. Zangh
Administrator

OCT 20 1980

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Control No. 03998

Lakewood Hospital
Nuclear Medicine Department

Camera #1 Searle H.P. camera
Camera #2 Searle L.F.O.V. camera
Camera #3 Ohio Nuclear 420 camera
with MC-560 computer
Camera #4 Searle Pho Dot Scanner
Abbot uptake/well/scaler system
Area #5 Technologist work desk/files

Area #6 Darkroom
Area #7 Janitors Closet
Area #8 Outpatient Dosing chair
Area #9 Reception area
Area #10 Restroom
Area #11 Hot sinks
Area #12 Receipt Area
Area #13 Waste/Storage Area
Lead Castle:
24"L x 32"W x 12"H x 2"T
Dose Preparation:
L-Block
12"L x 18"H x 2"T

Area #14 Decontamination Kit
Area #15 Survey meters
Area #16 Physician's office
Area #17 Hallway
Area #18 Stairwell
Area #19 Elevator shaft and
Equipment room
Area #20 Exterior of building

