



BRIDGEPORT HOSPITAL

a community resource

Area Code (203) 384-3000

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MICHAEL E. SCHRADER
President

June 25, 1985

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United States Nuclear Regulatory Commission
Region I
Nuclear Materials Safety Section B
631 Park Ave.
King of Prussia, Penn . 19406

ATTN: John E. Glenn, Ph. D., Chief

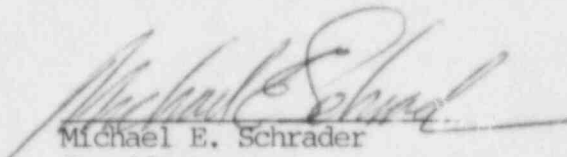
Dear Sir:

This is in reference to a request from you dated June 19, 1985, for more information for an amendment to License No. 06-01060-01.

Please refer to Mail Control No. 103859.

1. The Xenon-133 storage and use area (room #328) has not been modified. Information in the previously existing license still applies. The area is under negative pressure, with a supply of 200 cfm and an exhaust of 250 cfm in each of the two sections of the room. Please refer to the existing license for complete information.
2. The old hot lab and the relocated scan room #328 are being released for unrestricted use. A closeout survey of these areas has been performed previously, and a copy of the survey report is enclosed.

Sincerely,


Michael E. Schrader
President

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RADIATION SURVEY REPORT

Site: Old hot lab and scan room #368.
Nuclear Medicine Dept.
Bridgeport Hospital
Bridgeport, Connecticut

Date: October 15, 1984

Surveyor: James E. Bond, Ph. D.
Radiation Safety Officer

Survey Instruments

(A) Radiation Levels	Ludlum Measurements, Inc. Model 14A geiger counter minimum range: 0 to 0.2 mR/hr maximum range: 0 to 200 mR/hr
(B) Surface Contamination:	Picker Spectroscaler III well counter 80 KeV to infinity window 60 seconds Efficiency 75% for Tc-99m Background approximately 1 cps

Procedures and results

Equipment was moved from the old hot lab and scan room #368 to the new locations. All sections and surfaces of the old areas (including sink drains) were then surveyed with the geiger counter. The minimum range was used, and the beta window was open. Surface readings were taken from a distance of 1cm. No radiation levels in excess of natural background (about 0.01 mR/hr) were observed anywhere in these areas.

Extensive wipes were then taken of all surfaces (including the floors and sink) of the two old areas where radioactive material had been used or stored. Alcohol prep pads and squares of soft absorbent paper were used. These were placed in plastic test tubes, and analyzed using the well counter. No single wipe sample (i. e., wipes in one test tube) covered an area greater than 1 square meter. No contamination in excess of 5 dpm/100cm² above natural background (for a single sample) was detected.