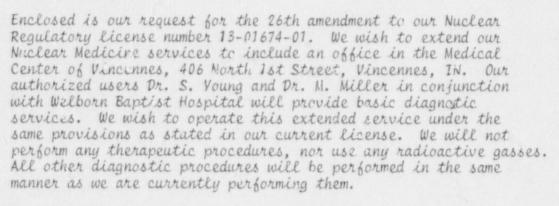


December 18, 1987

United States Nuclear Regulatory Commission Materials Licensing Branch Region III 799 Roosevelt Road Glen Ellyn, IL. 60137

Dear Ms. Frazier:



Security to areas where radioactive material may be used and/or stored will be provided by locks on the doors to the hot lab and imaging room. These areas will be kept locked at all times when not in use.

Disposal of radioactive waste will be as here, using the decay-in-store method, holding material for 10 half-lives, surveying with a low-level GM meter to ensure no detectable radiation above background (.04 mr/hr), recording results and disposing into routine trash. Molybedenum 99 TC 99m generators may be returned to the manufacturers after use as we are currently doing in accordance with 10CFR 71 and DOT regulations.

We have ordered a Siemens 7506 orbiter Gamma Camera with Micro-Delta 60 plus computer. We intend to modem transfer data as we expect volume to be quite small. (ie: 5-10 thalliums per week, 5-10 mugas per week, 5-16 hone scans per week.)

8902210259 880219 REG3 LIC30 13-01674-01 PNU

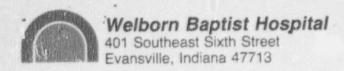
> JAN 0 8 1988 BEGION III

JAN WIS 1988

Jan get

JAN 14 P1:52

Date Complete



We intend to purchase a Ludlum 14C Geiger Counter with a thin end window $(1.7 \pm .3 \text{ mg/cm}^2 \text{ mica}$ and $6.4 \text{ cm}^2 \text{ active window area})$. We also intend to purchase a Kiethly Digital Cutie Pie $(0.1 \text{ mr/hr} \pm 0.20 \text{ Rh/r})$. We wish to use Capentic's CRC7 Dosecalibrator with the CAP-MAC moly assay option, all contigent of course on NRC approval of this extended service. (see attached area drawing, page 3)

Sincerely,

March Milly MD

Marshall Miller, M.D. Director, Nuclear Medicine Radiation Safety Officer

MM/pc enclosure

THE MEDICAL CENTER OF VINCENNES 406 NORTH FIRST STREET VINCENNES, INDIANA OFFICE RECEPTION 123 122 CONNER ON ST 144 12-114" 15 -73/4" ± 3/211 -31/2"-25 EXAM 7/4 ROOM (26) 4 TOILET 4-124 2471/4" 125 51/4 3/2" 10-11/4" HOLTER & PACEMAKER (29) GERVICE 30 EXAM 1128 RAOM 81.148 127 12-11/4 5-1141 9/12 10-11/4" 3/12 HOOR 31/2# 6-914 3/21 HALL " VE Pb 130 ECHO & (31 COPPLER 32 131 EXAM 8-1/4" ROOM 124 NUCLEAR NURBER E TRESS -t/8 LET 35 LITATION 135 33 134 4.812 12-114 5-1411 5/12" 26 23 1 STORY STRUCTORE outside wall BASE UNIT WALL CAPINET North