



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

NOV. 1 1978

RH

Veterans Administration Hospital
ATTN: Hospital Administrator
New Castle Road
Butler, PA 16001

115

License No. 37-16034-01
Control No. 97047

Gentlemen:

In support of your request dated October 23, 1978, to add
Dr. Anna Polizio as an authorized user to your byproduct material
license, please submit the following additional information:

- ☒ 1. Evidence of training in basic radioisotope handling techniques
as specified in Section I.A. of Appendix A to the Medical Licensing
Guide. You may use Supplement A to Form-313M for this
purpose.
- ☐ 2. Evidence of experience in the use of the types and quantities of
byproduct material for which he is to be authorized. Refer to
Section I.B of Appendix A to the Medical Licensing Guide.
- ☒ 3. Evidence of ^{500 hours} clinical training in the procedures being requested
as specified in Section I.C. of Appendix A to the Medical Licensing
Guide. You may use Supplement B of Form NRC-313 for this
purpose.
- ☐ 4. Evidence of certification by the American Board of Nuclear
Medicine or certification by the American Board of Radiology in
Diagnostic Radiology with Special Competence in Nuclear Radiology.

We will continue our review of your application upon receipt of the above
information. Please refer to the control number referenced above and
submit your reply in duplicate.

Sincerely,

Patricia C. Vacca Jr
Leo Wade, Jr., PhD

Patricia C. Vacca
Radioisotopes Licensing Branch
Division of Fuel Cycle and
Material Safety

Enclosures:

1. Medical Licensing Guide - Appendix A
2. Form NRC-313(M)
Supplement A & B

Mr. John R. Cook

NUCLIDE: Iodine-125

Total amount of Iodine-125 released at this facility during the period January 1979 thru January 1980 into sewerage was 328.2 uCi.

Activity diluted by the average daily quantity of sewage released into the sewer:

Sewage Outflow:

1 gallon/3.5 sec = 24685.7 gallons/day = 93435374.5 ml/day.

Maximum daily activity released into sewage = 0.89 uCi.

Maximum average concentration of daily activity in water equals:

$$\frac{0.89 \text{ microcuries}}{93435374.5 \text{ ml}} = 9.5 \times 10^{-9} \text{ microcuries/ml}$$

NUCLIDE: Iodine-131

Our facility uses Iodine-131 in forms of capsules for radioactive iodine uptake. Only two (2) patients were treated in the year of 1979 with radioactive iodine. One patient received 6.2 mCi Iodine-131 (liquid form) in January 1979, and the other received 20 mCi radioactive iodine (liquid form) in June 1979.

NUCLIDE: Mo-99

Total activity for period January 1979 thru January 1980 was 7800 mCi in form of Mo-99/Tc-99m generators which were held for decay, reached background levels and disposed of as normal trash.

Sincerely yours,

D. E. SIMMONS
Medical Center Director