



# New England Pathology Services

A Mayo Clinic Affiliate

330 West Cummings Park, Woburn, Massachusetts 01801 617-938-0438

July 2, 1985

U.S. NRC  
LIC. FEE MGMT. BRANCH

85 JUL 15 10:11

RECEIVED

Mr. Phillip C. Jerman  
Nuclear Materials Section B  
Division of Engineering and Technical Problems  
Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Dear Mr. Jerman,

I wish to apply for ammendment to the New England Pathology Services, Inc. NRC License #20-20566-01. I would request the following changes:

1. "Maximum amount that license may posses at any one time under this license"

Current: 2 millicuries  
Requested: 5 millicuries

2. We wish to begin assaying "Estrogen and Progesterone Receptor" content in human breast tissue. For this purpose we will require 2, 4, 6, 7 H-3 Estradiol and H-3 Promegestone. The total amount on site at any given time will be H-3 <2 mCi. It is my understanding that we will be able to dispose of the licensed material without regard to its radioactivity in conformance with §20.306 (a) of 10 CFR Part 20:

"(a) 0.05 microcuries or less of hydrogen -3 or carbon -14 per gram of medium, used for liquid scintillation counting"

Please note, we are a medical laboratory performing only "in vitro" testing procedures. All nuclear material handled by our laboratory is used in these assays.

Please so not hesitate to contact me if you have any questions.

Sincerely,

*Mark W. Johnson, Ph.D.*  
Mark W. Johnson, Ph.D.  
Laboratory Director

MWJ/ds

"OFFICIAL RECORD COPY"

04044

8509190366 850904  
REG1 LIC30  
20-20566-01 PDR

ML10

JUL 05 1985

July 6 - I

Applicant	0.3.3.4. 26.0.
Check No.	
Amount/Fee Category	3P
Type of Fee	Amendment
Date Check Rec'd	7/11/85
Received By	Jacques/Cap

BETWEEN: William O. Miller, Chief  
License Fee Management Branch  
Office of Administration

John E. Glenn, Chief  
Nuclear Materials Section B  
Division of Engineering and  
Technical Programs

030-19421

LICENSE FEE TRANSMITTAL

Fee Needed

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: New England Pathology Services, Inc.

Application Dated: 7/2/85

Control No.: 04044

License No.: 20-20566-01

2. FEE ATTACHED

Amount: 0 \$360

Check No.: 0 0384

3. COMMENTS

Signed Brenda Platchek

Date 7/8/85

02410

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 3P \$60

2. Correct Fee Paid. Application may be processed for:

Amendment ☒

Renewal ☐

License ☐

Signed cep

Date 7/31/85

1983 -

3L

In-vitro

radiation