

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number 20-28553-01

Docket or Reference number  
030-31820

Amendment No. 05

Park Imaging, Inc.

**OFFICIAL RECORD COPY**

100 Myles Standish Boulevard  
Taunton, Massachusetts 02780

In accordance with the letter dated October 2, 1995 and concurrent with the issuance of Amendment No. 05 of the License No. 20-18449-02, License Number 20-28553-01 is hereby terminated.



For the U.S. Nuclear Regulatory Commission

**ORIGINAL SIGNED BY:  
JO ANN V. STAMBAUGH**

Date DEC - 8 1995

By

Nuclear Materials Safety Branch  
Region I  
King of Prussia, Pennsylvania 19406

o/i

DEC - 8 1995

Mr. Robert E. Adams  
Senior Vice President  
Park Imaging, Inc.  
100 Myles Standish Boulevard  
Taunton, Massachusetts 02780

Dear Mr. Adams:

Please find enclosed Amendment No. 05 terminating License No. 20-28553-01 as requested by your letter dated October 2, 1995.

Your cooperation with us is appreciated.

Sincerely,

ORIGINAL SIGNED BY:

JoAnn V. Stambaugh  
Division of Nuclear Materials Safety

License No. 20-28553-01  
Docket No. 030-31820  
Control No. 122556

Enclosure:  
Amendment No. 05

DOCUMENT NAME: R:\WPS\MLTR\L2028553.01

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI				
NAME	Stambaugh/jvs	4/8					
DATE	11/18/95	11/18/95	11/ /95	11/ /95	11/ /95	11/ /95	

OFFICIAL RECORD COPY

ML 10

# NMSB TELEPHONE CONVERSATION RECORD

DATE OF CALL: 10/11-1-95

TIME OF CALL: 10<sup>00</sup> Am

PERSON CALLED: Frank Masse, MD PHONE NO. \_\_\_\_\_  
(Outgoing Call) Consult

PERSON CALLING: Michelle R Beardsley

FACILITY NAME: Park Imaging

LICENSE NO.: 20-28553-01

DOCKET NO. 030-31820

SUBJECT: Request to rescind  
License renewal

SUMMARY:

I explained to Mr. Masse that they would need to have my request to terminate the license in order to add it as a location of use under MEDIQ's license

ACTION REQUIRED/TAKEN:

Letter

SIGNATURE: WBS

MAIL CONTROL NO. 12/993

**nmc** DIAGNOSTIC SERVICES, INC.

**Northeast Regional Office**  
100 Myles Standish Boulevard  
Taunton, Massachusetts 02780  
Tel: (508) 880-3700  
(800) 543-7275

030-31820

October 2, 1995

License Number 20-28553-01  
Docket Number 030-31820  
Control Number 121993

US Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

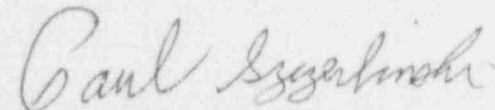
Gentlemen:

Due to a recent change in ownership of Park Imaging, Inc., we wish to withdraw our renewal application at this time.

The company was purchased outright and the new corporate entity will do business under the name of NMC Diagnostic Services, Inc. NMC Diagnostic Services, Inc. license number 20-18449-02 (formerly MEDIQ Imaging Services, Inc.) is submitting under separate cover a license amendment request to add the Park Imaging site to their license.

If you have any questions, please contact F.X. Massé at 617-253-9217.

Yours truly,



Paul Szczerbinski RT (R)

PS/let

**OFFICIAL RECORD COPY**

**ML 10**

121993  
OCT 23 1995

JUL 14 1995

Paul Szczerbinski, RTR  
Park Imaging, Inc.  
100 Myles Standish Blvd.  
Taunton, MA 02780

SUBJECT: LICENSE RENEWAL APPLICATION


Dear Mr. Szczerbinski:

This is to acknowledge receipt of your application for renewal of materials(s) license identified below. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Any correspondence regarding the renewal application should reference the control number specified below.

Sincerely,

Original Signed By:  
Cheryl K. Buracker

 Sheryl Villar, Chief  
Licensing Assistance Section  
Nuclear Materials Safety Branch  
Division of Radiation Safety  
and Safeguards

License No. 20-28553-01  
Docket No. 030-31820  
Control No. 121993

DOCUMENT NAME: S:\PENDING\PARKIMG.DTL

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DRSS/RI	N	/	N	/		
NAME	MPerkins/gcb	SVillar					
DATE	07/12/95	07/14/95		07/ /95		07/ /95	

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ML 10



**Park** IMAGING, INC.

030-31820

X

June 28, 1995

Licensing Assistant Section  
Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission, Region 1  
475 Allendale Road  
King of Prussia, PA 19406

To Whom It May Concern:

Enclosed is our application for renewal of license number 20-28553-01 along with the \$1,400.00 fee.

Please contact me at 617-341-2831 if you require additional information.

Sincerely,

*Paul Szczerbinski RTR*

Paul Szczerbinski RTR  
Park Imaging, Inc.  
100 Myles Standish Blvd.  
Taunton, MA 02780

Administrative Offices

100 Myles Standish Boulevard, Taunton, MA 02780 • 1-800-543-7275

OFFICIAL RECORD COPY

ML 10

**121933**

**JUN 30 1995**



(10-94)  
10 CFR 30, 32, 33  
34, 35, 36, 39 and 40

## APPLICATION FOR MATERIAL LICENSE

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW. 030-31820

## APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

## ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

## IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,  
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,  
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION  
NUCLEAR MATERIALS SAFETY BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO  
RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,  
SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION II  
101 MARIETTA STREET, NW, SUITE 2900  
ATLANTA, GA 30323-0199

## IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,  
SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
801 WARRENVILLE RD.  
LISLE, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,  
LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA,  
OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH,  
WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-8064

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

## 1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE  
☐ B. AMENDMENT TO LICENSE NUMBER \_\_\_\_\_  
☒ C. RENEWAL OF LICENSE NUMBER 20-28553-01

## 2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)

Park Imaging, Inc.  
100 Myles Standish Boulevard  
Taunton, MA 02780

## 3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Park Imaging, Inc.  
140 Commonwealth Avenue  
Suite 108  
Danvers, MA 01923

## 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Paul Szczerbinski RTR  
Neil Gaeta CHP

TELEPHONE NUMBER 617-341-2831  
617-488-7081

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE

## 5. RADIOACTIVE MATERIAL

- a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time

## 6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

## 7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE

## 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

## 9. FACILITIES AND EQUIPMENT

## 10. RADIATION SAFETY PROGRAM

## 11. WASTE MANAGEMENT

## 12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 7C  
AMOUNT ENCLOSURE \$ 1,400.00

## 13. CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

## CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Robert E. Adams, Regional General Manager

## SIGNATURE

Robert E. Adams

## DATE

6-29-95

## FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
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APPROVED BY

DATE

Item 5 RADIOACTIVE MATERIAL AND  
Item 6 PURPOSE

<u>By - Product Material</u>	<u>Amount</u>	<u>Purpose</u>
5a. material in 35.100	As needed	6a. medical use
5b. material in 35.200	As needed	6b. medical use

Item 7 USERS AND RESPONSIBLE INDIVIDUALS

- 7.1 1. Thomas Lapine, M.D. - All uses presently licensed  
20-28553-01
- John J. Clapp, M.D. - Same as above  
Luke Daley, M.D. - Same as above  
Larry A. Weinrauch, M.D. - Same as above  
Sanford E. Warren, M.D. - Same as above

7.2 N/A

7.3 The Radiation Safety Officer shall be Thomas Lapine, M.D.

Item 8 TRAINING

We will establish and implement the model training program that was published in Appendix A to Regulatory Guide 10.8, Revision 2, and have appended a table, ATT. 8.1 that identifies the groups of workers who will receive training, and the method and frequency of training.

Item 9 FACILITIES AND EQUIPMENT

9.1 Annotated Drawing: Appended as Att 9.1A and 9.1B

9.2 Survey Instrument Calibration

The list (Item 9.6) of survey meters shall be calibrated by Neil A. Gaeta, CHP, on an annual basis as per his NRC license #20-20743-01 (06-30-95). The apparent exposure rate of a dedicated check source will be implemented at calibration (sent out if necessary).

Readings shall be taken daily. Back up instruments will be available during instrument calibration/repair if necessary.

9.3 Dose Calibrator Calibration

We will establish and implement the model procedure for calibrating our dose calibrator that was published in Appendix C to Regulatory Guide 10.8,



Revision 2. Daily constancy shall be done using  $^{137}\text{Cs}$ , and  $^{137}\text{Cs}$  in the  $^{99\text{m}}\text{Tc}$  region and all regions of any other radiopharmaceuticals used.

9.4 Personnel Monitoring Program

We will establish and implement the model personnel external exposure monitoring program published in Appendix D to Regulatory Guide 10.8, Revision 2. (monthly whole body film badges and monthly TLD ring badges).

9.5 N/A

9.6 Instrumentation (see attached sheet 9.6)

Item 10 RADIATION SAFETY PROGRAM

10.1 Radiation Safety Committee/Radiation Safety Officer

We will issue the model Radiation Safety Committee charter and Radiation Safety Relegation of Authority that was published in Appendix F to Regulatory Guide 10.8, Revision 2.

10.2 ALARA Program

We will establish and implement the model ALARA program that was published in Appendix G to Regulatory Guide 10.8, Revision 2. copy enclosed.

10.3 Leak Test

We will establish and implement the model procedure for leak testing sealed sources that was published in Appendix H to Regulatory Guide 10.8, Revision 2.

10.4 Safe Use of Radiopharmaceutical

We will establish and implement the model safety rules published in Appendix I to Regulatory Guide 10.8, Revision 2.

10.5 Spill Procedures

We will establish and implement the model spill procedures published in Appendix J to Regulatory Guide 10.8, Revision 2.

10.6 Ordering and Receiving

We will establish and implement the model guidelines for ordering and receiving radioactive materials that was published in Appendix K to Regulatory Guide 10.8, Revision 2.

#### 10.7 Opening Packages

We will establish and implement the model procedure for opening packages that was published in Appendix L to Regulatory Guide 10.8, Revision 2.

#### 10.8 Unit Dose Records

We will establish and implement the model procedure for a unit dose record system that was published in Appendix M.1 to Regulatory Guide 10.8, Revision 2.

#### 10.9 Multidose Vial Records

We will establish and implement the model procedure for a multidose record system that was published in Appendix M.2 to Regulatory Guide 10.8, Revision 2.

#### 10.10 Molybdenum Concentration Records

We will establish and implement the model procedure for measuring and recording the molybdenum concentration that was published in Appendix M.3 to Regulatory Guide 10.8, Revision 2.

#### 10.11 N/A

#### 10.12 Area Survey Procedure

We will establish and implement the model procedure for area surveys that was published in Appendix N to Regulatory Guide 10.8, Revision 2. Trigger levels shall be established - 2000 dpm/100 cm<sup>2</sup> for swipes and 2.0 mR/hr and 0.2 mR/hr for exposure rates in controlled and uncontrolled areas.

#### 10.13 N/A

#### 10.14 N/A

#### 10.15 N/A

### Item 11 WASTE MANAGEMENT

#### 11.1 Waste Disposal

We will establish and implement the general guidelines and model procedure for waste disposal that was published in Appendix R to Regulatory Guide 10.8, Revision 2.

Generators shall be kept for two (2) weeks and returned to the manufacturer; assuring compliance with all applicable NRC and DOT regulations.



## 1. Management Commitment

- a. We, the management of this company are committed to the program described herein for keeping individual and collective doses as low as is reasonably achievable (ALARA). In accord with this commitment, we hereby describe an administrative organization for radiation safety and will develop the necessary written policy, procedures, and instructions to foster the ALARA concept within our institution. The organization will include a Radiation Safety Committee (RSC) and a Radiation Safety Officer (RSO).
- b. We will perform a formal annual review of the radiation safety program, including ALARA considerations. This will include reviews of operating procedures and past dose records, inspections, etc. and consultations with the radiation safety staff or outside consultants.
- c. Modifications to operating and maintenance procedures and to equipment and facilities will be made if they will reduce exposures unless the cost, in our judgement, is considered to be unjustified. We will be able to demonstrate, if necessary, that improvements have been sought, that modifications have been considered, and that they have been implemented when reasonable. If modifications have been recommended but not implemented, we will be prepared to describe the reasons for not implementing them.
- d. In addition to maintaining doses to individuals as far below the limits as is reasonably achievable, the sum of the doses received by all exposed individuals will also be maintained at the lowest practicable level. It would not be desirable, for example, to hold the highest doses to individuals to some fraction of the applicable limit if this involved exposing additional people and significantly increasing the sum of radiation doses received by all involved individuals.

Administrative Offices

100 Myles Standish Boulevard, Taunton, MA 02780 • 1-800-543-7275

2. Radiation Safety Committee

a. Review of Proposed Users and Uses

- (1) The RSC will thoroughly review the qualifications of each applicant with respect to the types and quantities of materials and methods of use for which application has been made to ensure that the applicant will be able to take appropriate measures to maintain exposure ALARA.
- (2) When considering a new use byproduct material, the RSC will review the efforts of the applicant to maintain exposure ALARA.
- (3) The RSC will ensure that users justify their procedures and that individual and collective doses will be ALARA.

b. Delegation of Authority

(The judicious delegation of RSC authority is essential to the enforcement of an ALARA program).

- (1) The RSC will delegate authority to the RSO for enforcement of the ALARA concept.
- (2) The RSC will support the RSO when it is necessary for the RSO to assert authority. If the RSC has overruled the RSO, it will record the basis for its action in the minutes of the quarterly meeting.

c. Review of ALARA Program

- (1) The RSC will encourage all users to review current procedures and develop new procedures as appropriate to implement the ALARA concept.
- (2) The RSC will perform a quarterly review of occupational radiation exposure with particular attention to instances in which the investigational levels in Table 1 are exceeded. The principal of this review is to assess trends in occupational exposure as an index of the ALARA

program quality and to decide if action is warranted when investigational levels are exceeded. (see section 6 below for a discussion of investigational levels) 1

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1 The NRC has emphasized that the investigational levels in this program are not new dose limits but, as noted in ICRP Report 26, "Recommendations of the International Commission on Radiologic Protection," serve as check points above which the results are considered sufficiently important to justify investigations.

Table 1

Investigational Levels

	Investigational Levels (mrems per calendar quarter)	
	Level I	Level II
1. Whole body: head and trunk: active blood-forming organs: lens of eyes; or gonads	125	375
2. Hands and forearms; feet and ankles	1875	5625
3. Skin of whole body*	750	2250
* Not normally applicable to medical use operations except those using significant quantities of beta-emmitting isotopes.		

- (3) The RSC will evaluate our institution's overall efforts for maintaining doses ALARA on an annual basis. This review will include the efforts of the RSO, authorized users, and workers as well as those of management.

3. Radiation safety Officer

a. Annual and Quarterly Review

- (1) Annual review of the radiation safety program. The RSO will perform an annual review of the radiation safety program for adherence to ALARA concepts. Reviews of specific methods of use may be conducted on a more frequent basis.



- (2) Quarterly review of occupational exposures.  
The RSO will review at least quarterly the external radiation doses of authorized users and workers to determine that their doses are ALARA in accordance with the provisions of Section 6 of this program and will prepare a summary report for the RSC.
- (3) Quarterly review of records of radiation surveys.  
The RSO will review radiation surveys in unrestricted and restricted areas to determine that dose rates and amounts of contamination were at ALARA levels during the previous quarter and will prepare a summary report for the RSC.

b. Educational Responsibilities for ALARA Program

- (1) The RSO will schedule briefings and educational sessions to inform workers of ALARA program efforts.
- (2) The RSO will ensure that authorized users, workers, and ancillary personnel who may be exposed to radiation will be instructed in the ALARA philosophy and informed that management, the RSC, and the RSO are committed to implementing the ALARA concept.

c. Cooperative Efforts for Development of ALARA Procedures

Radiation workers will be given opportunities to participate in formulating the procedures that they will be required to follow

- (1) The RSO will be in close contact with all users and workers in order to develop ALARA procedures for working with radioactive materials.
- (2) The RSO will establish procedures for receiving and evaluating the suggestions of individual workers for improving health physics practices and will encourage the use of those procedures.

d. Reviewing Instances of Deviation from Good ALARA practices

The RSO will investigate all known instances of deviation from good ALARA practices and, if possible, will determine the causes. When the cause is known, the RSO will implement changes in the program to maintain doses ALARA.

4. Authorized Users

a. New Methods of Use Involving Potential Radiation Doses

- (1) The authorized user will consult with the RSO and/or the RSC during the planning stage before using radioactive materials for new uses.
- (2) The authorized user will review each planned use of radioactive materials to ensure that doses will be kept ALARA. Trial runs may be helpful.

b. Authorized User's Responsibility to Supervised Individuals

- (1) The authorized user will explain the ALARA concept and the need to maintain exposures ALARA to all supervised individuals.
- (2) The authorized user will ensure that supervised individuals who are subject to occupational radiation exposure are trained and educated in good health physics practices and in maintaining exposures ALARA.

5. Individuals Who Receive Occupational Radiation Doses

- a. Workers will be instructed in the ALARA concept and its relationship to work procedures and work conditions.
- b. Workers will be instructed in recourses available if they feel that ALARA is not being promoted on the job.

6. Establishment of Investigational Levels in Order to Monitor Individual Occupational External Radiation Doses

This institution hereby establishes investigational levels for occupational external radiation doses, which when exceeded, will initiate review or investigation by the RSC and/or the RSO. The investigational levels that we have adopted are listed in Table 1. These levels apply to the exposure of individual workers. The RSO will review and record on Form NRC-5, "Current External Radiation Exposures," or an equivalent form (e.g., dosimeter processor's report) results of personnel monitoring not less than once in any calendar quarter as required by 20.401 of 10 CFR Part 20. The following actions will be taken at the investigational levels as stated in Table 1:

- a. Personnel dose less than Investigational Level I.

Except when deemed appropriate by the RSO, no further action will be taken in those cases where an individual's dose is less than Table 1 values for the Investigational level I.

- b. Personnel dose equal to or greater than Investigational Level I but less than Investigational Level II.

The RSO will review the dose of each individual whose quarterly dose equals or exceeds Investigational Level I and will report the results of the reviews at the first RSC meeting following the quarter when the dose was recorded. If the dose not equal or exceed Investigational Level II, no action related specifically to the exposure is required unless deemed appropriate by the Committee. The committee will, however, review each such dose in comparison with those of others performing similar tasks as an index of ALARA program quality and will record the review in the committee minutes.

- c. Personnel dose equal to or greater than Investigational Level II.

The RSO will investigate in a timely manner the causes of all personnel doses equaling or exceeding Investigational Level II and, if warranted, will take action. A report of the investigation, any actions taken, and a copy of the individual's Form NRC-5 or its equivalent will be presented to the RSC at its first meeting following completion of the investigation. The

details of these reports will be included in the RSC minutes.

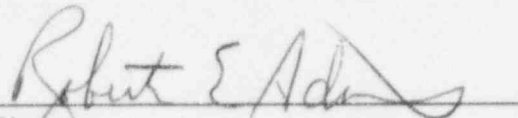
- d. Reestablishment of investigational levels to levels above those listed in Table 1.

In cases where a worker's or group of worker's doses need to exceed an investigational level, a new higher investigational level may be established for that individual or group on the basis that is consistent with good ALARA practices. Justification for new investigational levels will be documented.

The RSC will review the justification for and must approve or disapprove all revisions of investigational levels.

7. Signature of Certifying Official

I hereby certify that this institution has implemented the ALARA program set forth above.

  
Signature

Robert E. Adams  
Name

Regional General Manager  
Title

## Att. 8.1

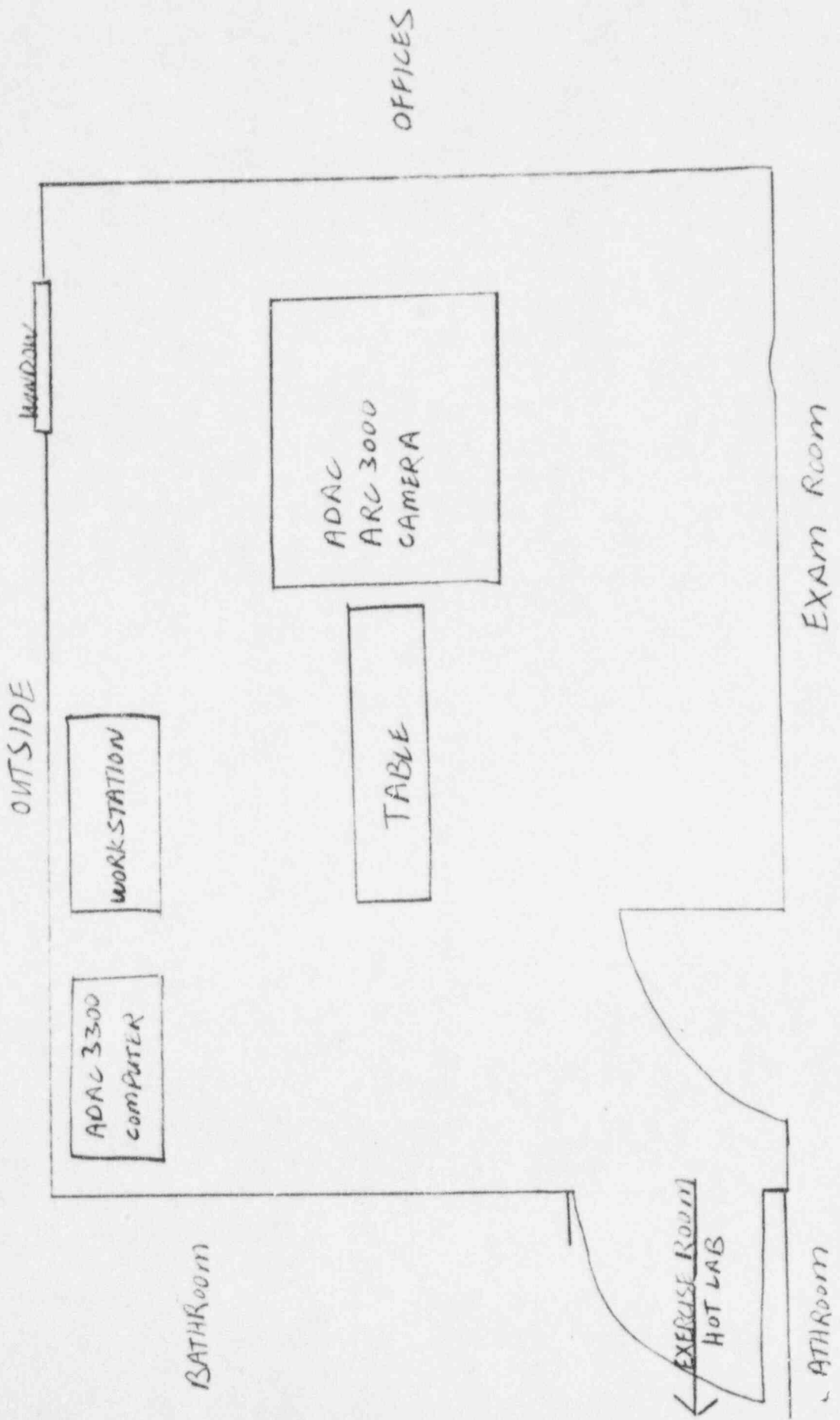
<u>Staff</u>	<u>Training Method</u>	<u>Frequency</u>
1. Nuclear Medicine Staff	Lecture	Annually
2. Operators/Security	Lecture/must read and sign safety forms	Annually
3. Housekeeping	Lecture	Annually
4. Nurses/Others	Lecture	Annually

Administrative Offices

100 Myles Standish Boulevard, Taunton, MA 02780 • 1-800-543-7275

DAWVER'S OFFICE

AIT 9.1A IMAGING ROOM





DANVERS OFFICE

ATT

9.18

EXERCISE AND HOT LAB ROOMS

WINDOW

OUTSIDE

LONG LINED WATER STORAGE  
BENCH COUNTER

COUNTER TOP

SINK

TABLE  
TOP  
SHIELD

POSC  
KNIBBER

TOILET

BATHROOM

SHIELDED  
COBALT 57  
FLOOD SOURCE

HOT LAB

SINK

TREADMILL

TREADMILL  
ELECTRONICS

EXAM TABLE

IMAGING ROOM

OFFICES

DRESSING  
ROOM

BATHROOM

OFFICES

IMAGING ROOM

CORRIDOR

DANVERS OFFICE

Item 9.6  
**INSTRUMENTATION**

1. Survey Meters

a. Manufacturer's name: Ludlum with 44-9 Probe

Model Number: 14C

No. of Instruments Available: 2

Minimum Range: 0.01 mR/hr to 0.2 mR/hr

Maximum Range: 100 mR/hr to 2000 mR/hr

2. Dose Calibrator

Manufacturer's name: Rad Cal

Model Number: 4050

No. of instruments available: 1

3. Instruments used for diagnostic procedures:

Type of Instrument	Manufacturer's Name	Model No.
Gamma Camera	ADAC	ARC 3000
Computer	ADAC	3300
Multiformatter	AGFA	SCOPIX

4. Other Equipment

Marquette Max-I Treadmill  
Hewlett Packard Defibrillator  
Victoreen Deluxe Wipe Test Counter

Administrative Offices

100 Myles Standish Boulevard, Taunton, MA 02780 • 1-800-543-7275

BETWEEN:

```

: PROGRAM CODE: 02200
: STATUS CODE: 2
: FEE CATEGORY: 7C
: EXP. DATE: 19950831
: FEE COMMENTS: -----
: DECOM FIN ASSUR REQD: N
: .....

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## A. REGION

I

Voided 12/8/95

AMOUNT: \$ 400.00  
CHECK NO.: 002944

M. A. Perkins  
7/11/95

1. FEE CATEGORY AND AMOUNT: 7c \$1,400

AMENDMENT  
RENEWAL  
LICENSE

Brenda Lee  
7/19/95

Log July 6  
 Remitted BIOETHAX INTERNATIONAL, INC  
 Check No. 002944  
 Amount \$1,400  
 Fee Category 7C  
 Type of Fee REN  
 Date Check Rec'd 7/19/9  
 Date Completed \_\_\_\_\_  
 By Brenda [Signature]

1951 11 53

(FOR LFMS USE)  
INFORMATION FROM LTS

```

: PROGRAM CODE: 02201
: STATUS CODE: 2
: FEE CATEGORY: 7C
: EXP. DATE: 19950831
: FEE COMMENTS:
: DECOM FIN ASSUR REQD: N

```

## A. REGION I

2. FEE ATTACHED  
AMOUNT: \_\_\_\_\_  
CHECK NO.: \_\_\_\_\_

- SIGNED CHM  
DATE 11/15/95

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:  
AMENDMENT -----  
RENEWAL -----  
LICENSE -----

3. ОТДЕЛ -----

SIGNED [Signature]  
DATE 11-2-95

RECEIVED BY LEOB  
11/29/95  
Nov 21  
S. Brown  
11/29/95

VOID SHEET

63031820

TO: License Fee Management Branch  
FROM: Region I  
SUBJECT: VOIDED APPLICATION

I (90)  
July 12/1993

1995 DEC 15 AM 10:56

Control Number: 121993  
Applicant: Park Imaging, Inc.  
Date Voided: 12/8/95  
Reason for Void: L/N 20-28553-01. has been  
terminated 12/8/95 after review.

Cheryl M. Mickey 12/8/95  
Signature Date

Attachment:  
Official Record Copy of  
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

Refund Authorized and processed

☒ No Refund Due

Fee Exempt or Fee Not Required

Comments: After Review

Log completed

Processed by: BB

**OFFICIAL RECORD COPY**

ML 10