

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. Megarad, Inc.</p> <p>2. 277 West Main Street Niantic, Connecticut 06357-0118</p>	<p>In accordance with letter dated July 30, 1999,</p> <p>3. License number 06-30423-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date, March 31, 2009</p> <hr/> <p>5. Docket No. 030-34615 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p>	<p>7. Chemical and/or physical form</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p>
<p>A. See Condition 10</p> <p>B. Depleted Uranium</p>	<p>A. Sealed Sources</p> <p>B. Shielding material</p>	<p>A. See Condition 10</p> <p>B. 999 kilograms</p>

9. Authorized use:

A. For use in industrial radiography.

B. Shielding for radiographic equipment.

CONDITIONS

10. Sealed source, exposure devices authorized for use are as follows:

<u>Isotope</u>	<u>Manufacturer & model No. of Source Assemblies</u>	<u>Maximum Activity per Source</u>	<u>Manufacturer & Model No. of Exposure Devices</u>
Ir-192	Amersham Model 86520	240 curies	Amersham Model 865

11. A. Radioactive material shall only be stored at the Longview Inspection Cramer & Lindell Division, facility located at 277 West Main Street, Niantic, Connecticut.

Information in this record was deleted in accordance with the Freedom of Information Act. Exemptions to FOIA/PA 202-0196

C-1

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
06-30423-01

Docket or Reference Number
030-34615

Amendment No. 1

B. Radioactive material shall be used only at the following:

Temporary Jobsites: Anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

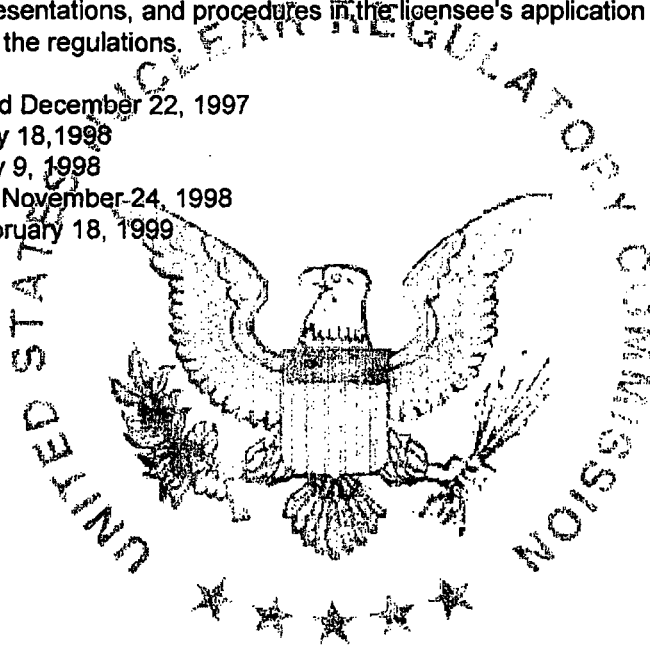
If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the federal agency controlling the jobsite in question to determine whether the proposed jobsite is an area of exclusive Federal jurisdiction for regulating licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

12. Licensed material shall be used by, or under the supervision and in the physical presence of individuals who have been designated in writing by the Radiation Safety Officer and have been trained:
- As specified in the application dated December 22, 1997, and the letters dated May 18, 1998 and July 9, 1998; and
 - In accordance with the provisions of 10 CFR 34.43.
13. The Radiation Safety Officer for this license is Richard J. Jastremski.
14. The licensee shall restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d), 40.36(b), and 70.25(c) for establishing financial assurance for decommissioning.
15. Source retrievals shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
16. A. Notwithstanding the periodic leak test required by 10 CFR 34.25(b), the requirement does not apply to radiography sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before use or transfer to another person. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- B. Sealed sources authorized for a use other than radiography shall be tested for leakage in accordance with 10 CFR 34.25.
17. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
06-30423-01Docket or Reference Number
030-34615

Amendment No. 1

18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated December 22, 1997
 - B. Letter dated May 18, 1998
 - C. Letter dated July 9, 1998
 - D. Facsimile dated November 24, 1998
 - E. Letter dated February 18, 1999



For the U.S. Nuclear Regulatory Commission

*Original signed by Judith A. Joustra*Date August 25, 1999

By _____

Judith A. Joustra
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

August 25, 1999

Docket No. 030-34615
Control No. 127082

License No. 06-30423-01

Ioan G. Crihan
President
Megarad, Inc.
277 West Main Street
Niantic, CT 06357-1018

Dear Mr. Crihan:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original signed by Judith A. Joustra

Judith A. Joustra
Senior Health Physicist
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 1

cc:
Richard Jastremski, Radiation Safety Officer

ML10

I. Crihan
Megarad, Inc.

DOCUMENT NAME: B:\DNMS Documents\Lic Cover Letter\L06-30423-01.127082.wpd 99046382
To receive a copy of this document, indicate in the box: 'C' = Copy w/o attach/vend 'E' = Copy w/ attach/vend 'N' = No copy

OFFICE	DNMS/RI	N	DNMS/RI				
NAME	JJoustra						
DATE	08/25/99		08/ /99		08/ /99		08/ /99

OFFICIAL RECORD COPY

FAX TRANSMITTAL COVER SHEET



THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING, INC.
1711 Arlingate Lane • PO Box 28518 • Columbus, OH 43228-0518
Phone: (614) 274-6003 • (800) 222-2768 • FAX: (614) 274-6899

August 25, 1999

To:
Judy Juster

From: *06-3042J-01*
Kathy Cooper
ASNT
800-222-2768 x237

Fax: 610-337-5269
Phone:

FAX: 614-274-6899

Pages: Cover + 1 page(s)

Judy:

Please find a copy of Richard Jastremski's letter of certification for ASNT's IRRSP program. The hard copy and his certification card have been mailed to him.

Sincerely,
Kathy Cooper
800-222-2768 ext. 237

If I am unavailable when you call, Patrick Shively @ ext. 242, will also be able to answer any of your questions. We can also be reached by email at: kcooper@asnt.org or, pshively@asnt.org

127082

AUG 25 1999

OFFICIAL RECORD COPY ML 10

FAX RECD



The American Society for Nondestructive Testing, Inc.

August 23, 1999

Richard J. Jastremski

(b)(6)

Re: IRRSP - Exam - (b)(6) - Waterford, CT

To: Richard J. Jastremski,

We have received all of the required documentation to complete your IRRSP Certification. Enclosed, you will find your IRRSP Certification Card. Please verify that all of the information is correct.

To help us maintain a correct mailing address for you, please notify the Technical Services Department if your address changes.

Should you have any questions, please direct them to our toll-free number.

Sincerely,
Kathy Cooper
Certification Coordinator - Technical Services

kmc
enclosure

(b)(6)

This is to acknowledge the receipt of your letter/application dated ^{FAX}

7-30-99, and to inform you that the initial processing which includes an administrative review has been performed.

^{Amend} There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information. ⁰⁶⁻³⁰⁴²³⁻⁰¹

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number **1 2 7 0 8 2**
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 632 (R1)
(8-98)

Sincerely,
Licensing Assistance Team Leader

030-34615

(b)(6)

(b)(6)

July 10, 1999

Dr. Ion G. Crihan, President
MEGARAD, Inc.
417 East 64th street #4G
New York, NY 10021

Dear Dr. Crihan:

This is a letter to notify you that as of July 30, 1999 I no longer wish to be associated with your Company, MEGARAD, Inc. as a Radiation Safety Officer (RSO) or to be affiliated with MEGARAD, Inc in other capacity.

I am also requesting that you pay the \$2,800 you owe me for the consulting services I provided your Company in the past.

Please do not use my name or my credentials for any purposes in the future. A copy of this letter will be sent to the Nuclear Regulatory Commission (NRC) informing them of my decision.

(b)(6)

CC: Judith A. Joustra, Nuclear Regulatory Commission
CC: Rita Aldrich, NY State Radiological Health Unit
CC: Dr. F. Bradley, Consultant

OFFICIAL RECORD COPY ML 10

127082

~~JUL 8 1999~~

Rec'd in LAT 8/2/99

030-34615

Megarad, Inc.,
277 West Main Street
Niantic, CT 06357-1018

July 30, 1999

Ms. Judith A. Joustra,
Senior Health Physicist
U. S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

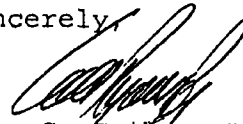
Re: U.S. NRC Radioactive Material License:06-30423-01

Dear Ms. Joustra:

I would like to amend our Radioactive Material License to delete, ^{(b)(6)} [redacted] as Radiation Safety Officer (RSO) and designate, Richard J. Jastremski as the new RSO. His qualifications both in industrial radiography and as a Radiation Safety Officer were previously submitted. He will have full authority to carry out the radiation safety program as delineated in Megarad's Company Procedures Manual and to request and spend funds adequate to ensure that the radiation safety program is implemented. As RSO, Mr. Jastremski will have the authority to shut down field operations that he believes necessary to ensure health and safety of workers and the public.

If you have any questions regarding these matters, please let me know.

Sincerely,



Ioan G. Crihan, President
Megarad, Inc.

IGC/wp

AUG - 2 1999

OFFICIAL RECORD COPY

ML 10

FAX REC'D JUL 30 1999

ATTN.: Ms. JOUSTRA from MEGARAD, INC.

RICHARD JASTREMSKI

(b)(6)

OBJECTIVE

Radiation Safety Officer

EXPERIENCE

JOB TITLE <i>Cramer & Lindell Engineers</i> Division of Longview Inspection	YEARS EMPLOYED (1993 - 99) <i>Nimic CT 06357</i>
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Radiation Safety Officer, NDE Manager, Level III Radiographer. Manage NRC and New York State Radioactive Material License nos. 2586-3697 (NYS DOL), 06-20794-01 (NRC)

JOB TITLE <i>Reactor Controls, Inc.</i>	YEARS EMPLOYED (1975 -86) <i>Waterford CT and Orwigo NY</i>
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Radiation Safety Officer for both locations. Revise and update radiation safety program. Level III RT,PT. Supervise, train and qualify radiographers.

JOB TITLE <i>General Dynamics Electric Boat Division</i> Radiographer, work leader, film viewing specialist	YEARS EMPLOYED (1960-69) Groton, CT
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EDUCATION

DEGREE EARNED OR MAJOR <i>Norwich Free Academy</i> High School Diploma	YEARS ATTENDED (b)(6) <i>Norwich CT</i>
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SKILLS

Training:

Radiation Safety- 80 Hours GD/EB Div, Groton CT
 Radiation Safety- 40 Hours, Reactor Controls Inc, Waterford CT
 Administration of Isotope Radiography Safety Programs-16 Hours, Amersham Corp.

July 12, 1999
Judy Joustra
NRC
King Of Prussia, PA
Fax 610-337-5269

Dear Judy:

Attached is the following experience information you requested on the phone this morning.

1. ASNT request for x-ray practical exam.
Note: This will complete my IRRSP exam.
2. Amersham Seminar on Administration of Isotope Radiography Safety Programs.
3. Radiographic Refresher Level III, (Hellier Corp.)



Sincerely
Richard Jastremski
Radiation Safety Officer
Megarad
RJ1



The American Society for Nondestructive Testing, Inc.

June 10, 1999

AA-91193

Richard J. Jastremski

Richard J. Jastremski:

The following information/documentation is needed by December 5, 1999 before ASNT IRRSP certification can be awarded.

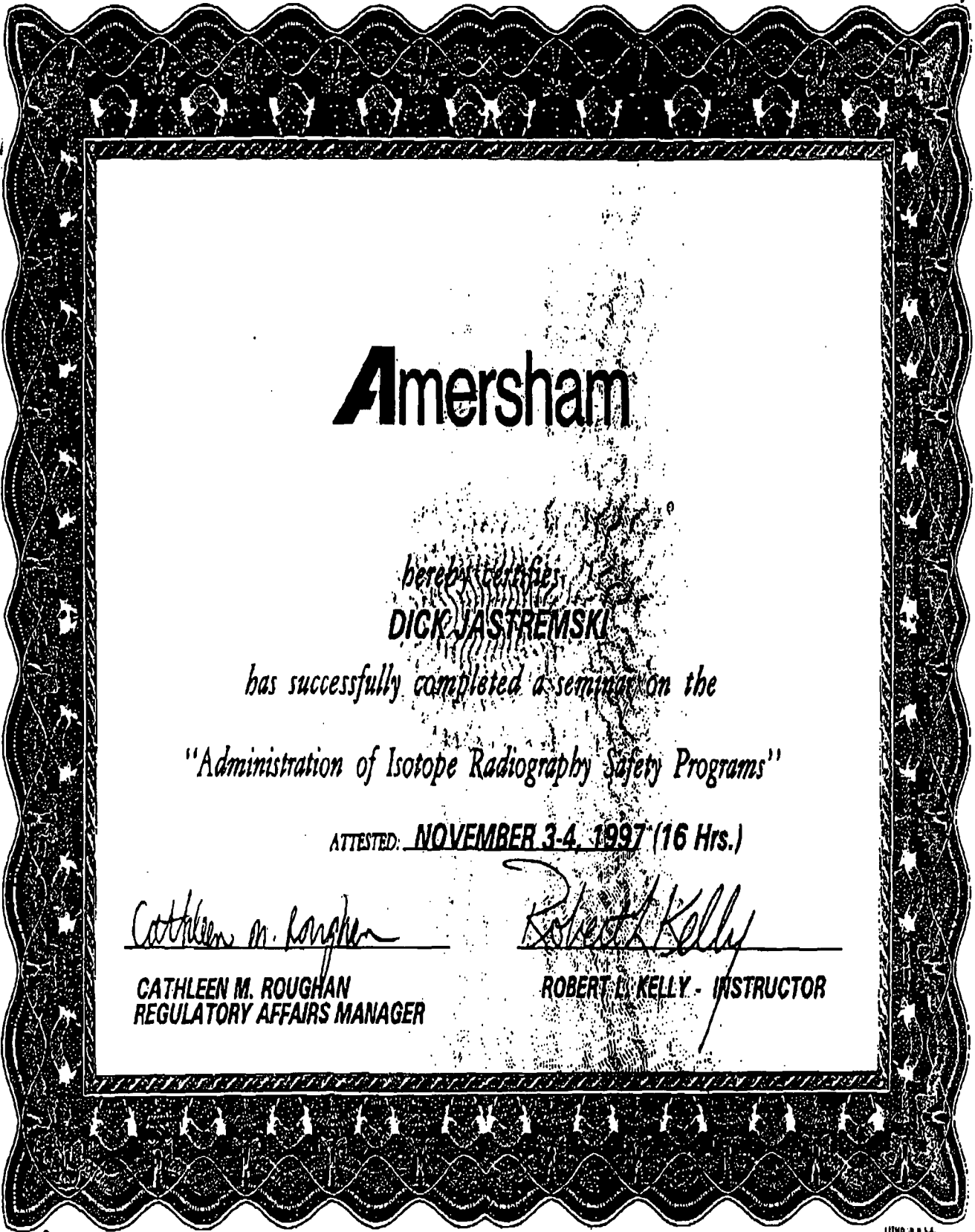
- Submittal of practical exams--radioactive materials (RAM) and x-ray.

→ still need.

Please return this information as soon as possible so that we may complete the approval/admittance letters. Feel free to phone, fax, or e-mail your response. If questions exist, contact Patrick Shively or Kathy Cooper at the address or number below, or by e-mail at pshively@asnt.org or kcooper@asnt.org.

ASNT Technical Services Department

8:30 5:00



Amersham

hereby certifies

DICK JASTREMSKI

has successfully completed a seminar on the

"Administration of Isotope Radiography Safety Programs"

ATTENDED: NOVEMBER 3-4, 1997 (16 Hrs.)

Cathleen M. Roughan

**CATHLEEN M. ROUGHAN
REGULATORY AFFAIRS MANAGER**

Robert L. Kelly

ROBERT L. KELLY - INSTRUCTOR



Richard Jastremski

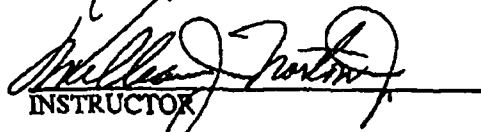
IN RECOGNITION OF HAVING ATTENDED AN
EDUCATIONAL PROGRAM ON THE SUBJECT OF

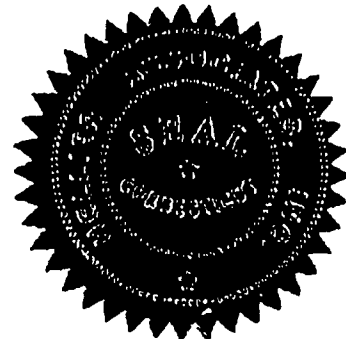
Radiographic Refresher
Level III
(24 Hours)

IN WITNESS THEREOF THESE SIGNATURES HAVE BEEN
HERETO AFFIXED

September 23, 1998


GENERAL MANAGER


INSTRUCTOR



HELLIER

TECHNICAL TRAINING & CONSULTING

LICENSE FEE REQUIREMENTS

ATTN: BRENDA BROWN (127082)
U.S. Nuclear Regulatory Commission
License Fee and Accounts Receivable Branch
P. O. Box 954514
St. Louis, MO 63195-4514

ATTN: DR. ION CRIHAN
PRESIDENT
MEGARD, INC.
277 WEST MAIN STREET
NIANTIC, CT 06357-1018

TYPE OF ACTION

- NEW LICENSE
 RENEWAL OF LICENSE
 AMENDMENT TO LICENSE

REQUESTED DATE

07/10/1999

LICENSE NUMBER

06-30423-01

CONTROL NUMBER

127082

I. APPLICATION FEE DUE

Your request for a licensing action is subject to the fee(s) in the category(ies) noted below in accordance with Section 170.31 of 10 CFR Part 170. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
30	\$	\$	\$ 680.00
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(s) DUE \$ 680.00
PAYMENT RECEIVED \$ 0.00
AMOUNT DUE \$ 680.00

Your request was received without the prescribed application fee.

We received your check listed below. Payment of the additional fee noted above is required.
Check Number _____
Amount \$ 0.00

Your request will increase the scope of your license program. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(d)(2).

Your license expired prior to the receipt of your application for renewal. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(a).

MAKE PAYMENT OF THE FEE(S) TO THE U.S. NUCLEAR REGULATORY COMMISSION AND MAIL THE PAYMENT TO THE ADDRESS LISTED AT THE TOP OF THIS FORM. IF WE DO NOT RECEIVE A REPLY FROM YOU WITHIN 30 CALENDAR DAYS FROM THE DATE LISTED BELOW, WE SHALL ASSUME THAT YOU DO NOT WISH TO PURSUE YOUR APPLICATION AND WILL VOID THIS ACTION.

II. FEE NOT REQUIRED

- Check Number _____ Enclosed is your check which accompanied your request. The fee is not required because:
- Check Number _____ We received your check listed in payment of the fee.
- Date of Request _____ The Licensing staff has informed us that your request is to be considered as a continuation of the request listed.
- Control Number _____
- Date of Request _____ Your request was combined, prior to review, with the request listed.
- Control Number _____

III. CHECK RETURNED

- Check Number _____ Enclosed is your check which was returned to us by the bank for:
- INSUFFICIENT FUNDS
- ACCOUNT CLOSED
- OTHER

MAIL THE REPLACEMENT CHECK TO THE ADDRESS LISTED AT THE TOP OF THIS FORM AND REFERENCE THE ABOVE CONTROL NUMBER.

IV. LICENSE ISSUED WITHOUT THE REQUIRED FEE

- License Number _____ The listed license was issued without the required fee being collected. The fee required is noted in Section I of this form.
- Amendment Number _____
- Date Issued _____

The scope of your licensed program was increased. Therefore, your request is subject to the application fee(s) noted in Section 1 of this form. Refer to Section 170.31 and Footnote 1(d)(2).

Because of the urgency of your request, the license was issued without remittance of the prescribed fee noted in Section 1 of this form.

SIGNATURE - LICENSE FEE ANALYST
BRENDA BROWN 301-415-6055

LFDCB BB
8/10/99

Distribution
OC/DAF/LFARB S/F (LF-3.2.7)
OC/DAF/LFARB RF
OC/DAF R/F

Pending Cy
cc: RI

DATE
08/10/1999

BETWEEN:

License Fee Management Branch; ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03320
Status Code: 0
Fee Category: 30 2B
Exp. Date: 20090331
Fee Comments:
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: MEGARAD, INC.
Received Date: 19990730
Docket No: 3034615
Control No.: 127082
License No.: 06-30423-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed Rebecca J. Brown
Date 8/2/99

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered 1)

1. Fee Category and Amount: (30) 2B \$680

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

Amendment /
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____

199

Aug 2

LOG	_____
Number	<u>FIRST Union Morden</u>
Class No.	(b)(6)
Amount	<u>680</u>
Fee Category	<u>(30) 2B</u>
Type of Fee	<u>AMEND</u>
Date Check Rec'd	<u>8/2/99</u>
Date Completed	<u>8/2/99</u>
By	<u>[Signature]</u>

NOTE TO DOCUMENT MANAGEMENT BRANCH (DMB):

**THE ATTACHED DOCUMENTS ARE TO BE PROCESSED
AS ONE MATERIALS LICENSING PACKAGE.**

LICENSE NUMBER 06-30423-01

DOCKET NUMBER 030-34615

CONTROL NUMBER 127082

THIS SHEET MAY BE DISCARDED AFTER PROCESSING.

THANK YOU.

LAT, DNMS, REGION I