

VOID SHEET

TO: License Fee Management Branch

FROM: RIII - BILL REICHHOLD

SUBJECT: VOIDED APPLICATION

Control Number: 301909

Applicant: DMS IMAGING

License Number: 22-16328-01

Docket Number: 030-10809

Date Voided: OCTOBER 9, 1996

Reason for Void: DUPLICATE OF CONTROL #301778. VOIDED

BEFORE REVIEW.

W.P. Reichhold
Signature

10 Oct '96
Date

Attachment:
Official Record Copy of
Voided Action

FOR LFMB USE ONLY

- ☐ Refund Authorized and processed
☐ No Refund Due
☒ Fee Exempt or Fee Not Required

Comments: _____

Log completed ☒

Processed by: SAC 10/31/96

ml
30
SD
0/1



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

October 7, 1996

Dennis Clemenson, President
Radiation Safety Officer
DMS Imaging Incorporated
P. O. Box 1010
Bemidji, MN 56601

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Dated 09/25/96)

Dear Licensee:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(n):

☐ New License ☒ Amendment ☐ Renewal
☐ Termination ☐ Auth User (Amendment not required)
☐ Other _____

No administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

It appears that your request is routine (see 1-3 below, as applicable).

1. New and amendment actions are normally processed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Renewal actions are normally processed within 180 days, however, under timely filing (before expiration), you may continue to operate under your existing license.
3. Termination actions are normally processed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

A copy of your correspondence has been forwarded to our Licensing Fee and Debt Collection Branch (301/415-6097) for approval of the fee category and amount, if required.

If you have a compelling safety or business-related reason for requesting expedited review, please contact the Materials Licensing Branch at (630) 829-9887. We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number.

Nuclear Materials Support Branch

Mail Control No. 301909
License No. 22-16328-01

57

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

Program Code: 02220
Status Code: 0
Fee Category: 7C 2B
Exp. Date: 20010731
Fee Comments:
Decom Fin Assur Req: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: DMS IMAGING INCORPORATED
Received Date: 961003
Docket No: 3010809
Con' No.: 301909
Lic No.: 22-16328-01
Acti. Type: Amendment

Returned 10/9/96
for voiding
Req. of 301778

2. FEE ATTACHED

Amount: ~~XXXXXX~~
Check No.: ~~XXXXXX~~

* ADDL INFO
301342-57

3. COMMENTS

Signed D. Hersey
Date 11-7-96

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

1. Fee Category and Amount

FEE NOT REQUIRED

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

Amendment ☒
Renewal ☐
License ☐

3. OTHER

Signed SC
Date 10/9/96

OCT 15 1996

RECEIVED BY LFDCB	
Date	<u>Oct. 9, 1996</u>
Log	<u>Oct 5 III</u>
By	<u>SC</u>
Date Completed	<u>10/9/96</u>

1996 OCT -9 AM 11:35

DMS IMAGING, INC.

CORPORATE OFFICE
2101 NORTH UNIVERSITY DRIVE,
P.O. BOX 8070, FARGO, ND 58109
OFFICE: 800-437-4628 • FAX: 800-848-0990

MOBILE OPERATIONS
3801 BEMIDJI AVENUE NORTH, SUITE 6
P.O. BOX 1010, BEMIDJI, MN 56601
OFFICE: 800-642-8902 • FAX: 800-232-9664

September 25, 1996

United States Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, IL 60532-4351

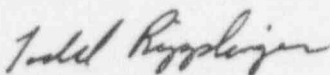
Re: License No. 22-16328-01
Docket No. 030-10809

Dear Mr. Madera,

Please go over the completed close-out survey for 101 Park Avenue SW, Bemidji, Minnesota. We would like your response as to the release of the hotlab at this site, and also to amend our license to have this site removed at no cost. Enclosed is the information you requested per your letter to Mr. Dennis Clemenson and a copy of the prior letter sent.

If you have any questions, do not hesitate to call me at 218-751-4168.

Sincerely,



Todd Ripplinger
Nuclear Supervisor

TR/kmr

c: Mr. Dennis Clemenson, RSO/President, DMSI
Mr. Ben Sanderson, COO, DMSI
Mr. Jim Ballan, VP Operations, DMSI

Continuation of 301342
FEE NOT REQUIRED

PM: 9-27-96

DMS

A Subsidiary of Diagnostic Medical Systems

RECEIVED
OCT 03 1996
REGION III

301909
OCT 03 1996



July 31, 1996

United States Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, IL 60532-4351

Re: License No. 22-16328-01
Docket No. 030-10809

Dear Mr. Madera,

I am in receipt of your letter and have completed our closeout survey of the 101 Park Avenue hotlab. Enclosed you will find the closeout survey and documentation you requested as per your letter to Mr. Dennis Clemenson.

If you have any questions, do not hesitate to call me at 218-751-4168.

Sincerely,

A handwritten signature in black ink, appearing to read 'Todd Ripplinger', is written over a horizontal line.

Todd Ripplinger
Nuclear Supervisor
DMS Imaging, Inc.

TR/jab

cc: Mr. Dennis Clemenson, RSO, President, DMSI
Mr. Ben Sanderson, COO, DMSI
Mr. Jim Ballan, VP Operations, DMSI

JULY 24, 1996

CLOSEOUT SURVEY FOR 101 PARK AVENUE

I. Questions addressed

- A. The Bemidji hotlab history of radionuclides used was M 99 Technetium and Thallium 201 received from Mallinckrodt Medical.
- B. The last copy of sealed source wipe test is enclosed. We have had no leaking sources.
- C. Diagram of our old facility and wipe test results were recorded, as shown below.
- D. Todd Ripplinger and Dennis Clemenson, RSO.
- E. July 24, 1996.
- F. The instrument used for survey was Bicron Surveyor 2000.
SN# B414J Cal Date 11-8-95
 - a. .02 MR/hr.
 - b. .02
 - c. .02
 - d. .02
 - e. .02
 - f. .02
 - g. .02
 - h. .02
 - i. .02
 - j. .02

Wipe tests were also performed in hotlab and were under 2000 DPM at sites from map.

- a. pass
- b. pass
- c. pass
- d. pass

Survey instrument used - Victoreen Deluxe WTC
Model 05-578
(This is recalibrated monthly by
Todd Ripplinger)

M I D W E S T R A D I A T I O N P H Y S I C I S T S , I N C .

Vaughn C. Moore, Ph.D.*
3601 Evergreen Road
Fargo, ND 58102

Martha Moore, M.S.
Home: 701-235-5194
Office: 701-293-0655

*Certified by the American Board of Radiology

August 8, 1996

Nuclear Medicine
DMS Imaging
3801 Bemidji Ave
Bemidji, MN 56601

Subject: Wipe Tests of Sealed Radioactive Sources

Reference: Title 19, Code of Federal Regulations, 35.59(d)

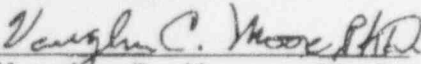
Wipe tests were performed on your sealed radioactive sources on July 18, 1996. The samples were counted in a Ludlum Model 2200 Well-Type Scintillation Counter. The resulting activity in each case was less than the minimum detectable activity for the radioisotope with this instrument. The results are given in the following table:

Sealed Source	Model Number	Serial Number	Calibrated Activity	Wipe Test Activity
Cs-137 #1	NES-356	0005	1.7 mCi	<.000066 uCi
Cs-137 #2	NES-356	360097-8A-04	216 uCi	<.000066 uCi
Cs-137 #3	NES-356	5356031-054	218 uCi	<.000066 uCi
Co-60	NES-354	3600978A-04	51.0 uCi	<.000102 uCi
Co-57	NES-206	S206071-064	5.40 mCi	<.000013 uCi

These results are acceptable since they are below the .005 uCi limit.

The US Nuclear Regulatory Commission requires that the wipe tests be carried out semi-annually. You are responsible for timely compliance with the requirements and should mark your calendar for January 18, 1997. We will also put this date in our database and try to help you keep in compliance by sending a reminder letter and a wipe test kit before the due date.

Sincerely,

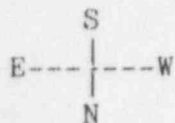

Vaughn C. Moore, Ph.D.
VCM/kaf

Reviewed on: 8-9-96

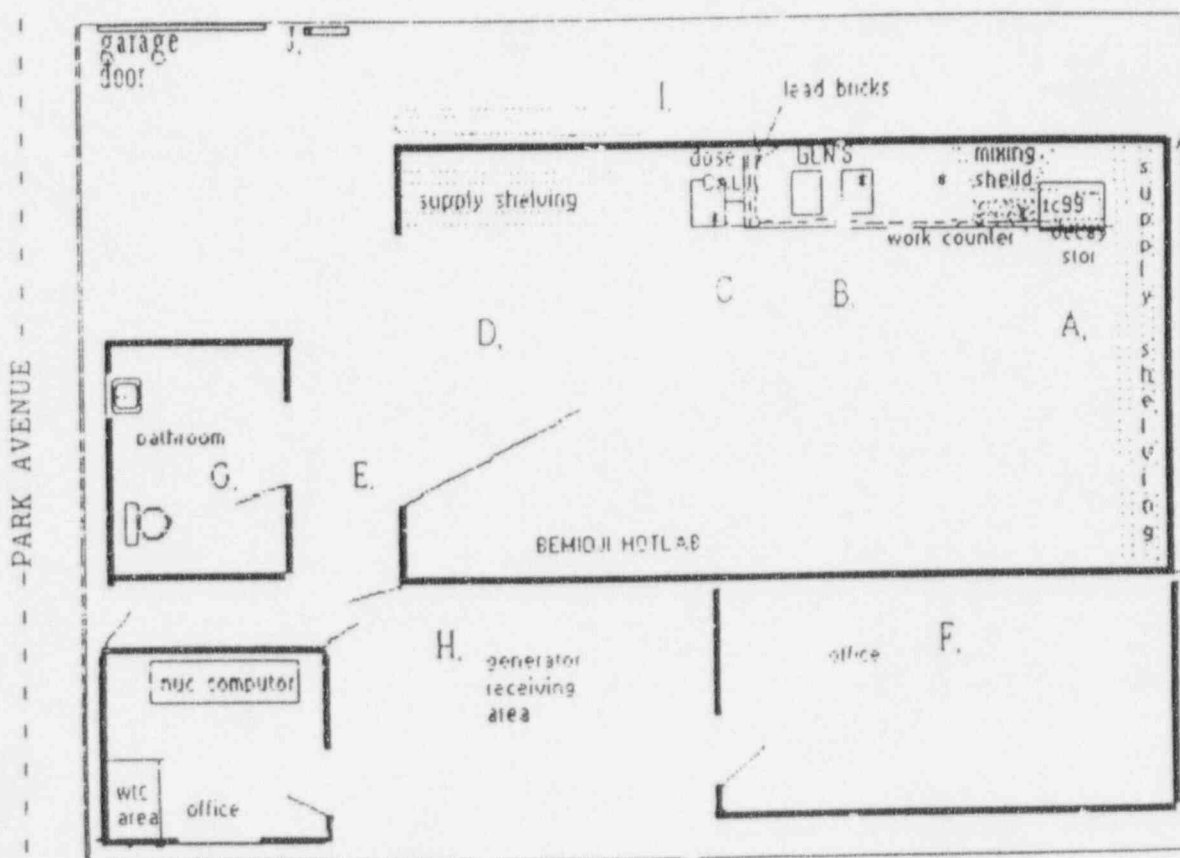
Signed: 

RSO

NORTHERN MEDICAL IMAGING, INC.
101 PARK AVENUE SW
BEMIDJI, MN 56601



* = INDICATES WIPE TEST



NORTHERN MEDICAL IMAGING, INC.
NUCLEAR MEDICINE DEPARTMENT
BEMIDJI, MN 56601

LTR	AREA NAME	MR/HR	LTR	AREA NAME	MR/HR
A	FLOOR	.02	H	GEN REC	.02
B	LAB GENERATOR	.02	I	Sth WALL	.02
C	DOSE CAL	.02	J	GARAGE ENT	.02
D	HOT LAB	.02	*	DOSE CAL	PASS
E	HALLWAY	.02	*	GENERATOR	PASS
F	OFFICE	.02	*	LAB COUNTER	PASS
G	BATHROOM	.02	*	PB SHIELD	PASS

**RPC**RADIATION
PHYSICS
CONSULTANTS, INC.

1717 Woodbury Lane, Duluth, MN 55803 • (218) 720-1311

SURVEY METER CALIBRATION REPORT

Institution: Northern Medical Imaging Department: Nuclear MedicineAddress: Bemidji, MNPerson to Contact: Bruce LibeyCalibration Date: 08 Nov 95Next Calibration DUE: Nov 96Manufacturer: BicronType: GM Ion Chamber NaI(Tl)Model Number: Surveyor 2000Serial Number: B4145Calibration Source: 145 mCi of Cs-137 ; 46.4 mR/hr at 100 cm on August 10, 1983
Serial No: S-435 Output Accuracy +/- 3% (uncertainty of the NBS reference source)Instrument Checks: Battery Check: 1.65 mR/hr or OK In ContConstancy Check: ~~1~~ integral check source indicates 0.8 mR/hr yellow
or Source
0 Ci of indicates mR/hr Cover CloCalibration Geometry: Radiation Beam was Parallel Perpendicular to detector.Window: open closed Fixed

Exp. Rate (mR/hr)	Scale: $\times 1000$ Reading	Cor. Fact.	Scale: $\times 100$ Reading	Cor. Fact.	Scale: $\times 10$ Reading	Cor. Fact.	Scale: $\times 1$ Reading	Cor. Fact.
800	800	1.00						
400	400	1.00						
150			145	1.03				
50			55	0.91				
15.0					14.5	1.03		
5.0					5.5	0.91		
1.5							1.45	1.03
0.5							0.55	0.91
Avg. Correc. Factors:		1.00		0.97		0.97		0.97

Calibrated By: Bruce Libey

(See reverse side for any comments)

(ml/hr) Exp Rate	Scale $\times 0.1$	
	Reading	Corr. Fact
0.13	0.15	0.87
0.10	0.12	0.83
		0.85

Ave
Correction factor