

VOID SHEET

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

Control Number: 396151  
Applicant: metrohealth medical center  
Date Voided: 9-28-94

Reason for Void: Licensee had disposed  
of the teletherapy unit covered by this license  
and has a license termination request in-  
house (CN 397532) which is being processed

10/11/94 10:11 AM

John J. Hunter 9-28-94  
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: \_\_\_\_\_

11000  
9410170013 940928  
PDR ADOCK 030004:3  
C PDR

Log completed  
Processed by:

JAC  
10/7/94  
ML  
30  
SD

(FOR LFMS USE)  
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 02300  
STATUS CODE: 0  
FEE CATEGORY: 7A 2B  
EXP. DATE: 19951031  
FEE COMMENTS: CODE 13  
DECOM FIN ASSUR REQD: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED  
APPLICANT/LICENSEE: METROHEALTH MEDICAL CTR.  
RECEIVED DATE: 931103  
DOCKET NO: 3000410  
CONTROL NO.: 396151  
LICENSE NO.: 34-03749-07  
ACTION TYPE: AMENDMENT

2. FEE ATTACHED  
AMOUNT: -----  
CHECK NO.: 9

3. COMMENTS

SIGNED P. DeLaff  
DATE 12-20-93

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 07 IS ENTERED 1-11)

1. FEE CATEGORY AND AMOUNT: 7A 2B **FEE NOT REQUIRED**  
Corrected Copy

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

3. OTHER -----

SIGNED DC  
DATE 12/30/93

RECEIVED

JAN 11 1994  
REGION III

INS 020 29 000 51



MetroHealth Medical Center  
2500 MetroHealth Drive, Cleveland, Ohio 44109-1998

030-00410

10-31-95

7A 2B

*Car. Copy*

216 398-6000

Radioigy

October 29, 1993

Ms. Cassandra Frazier  
Materials Licensing Section  
U.S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellen, Illinois 60132

RECEIVED

NOV 03 1993

REGION III

Dear Ms Frazier

Several actions are required on our License 34-3749-10 and one on 34-3749-~~10~~.<sup>07A</sup> A check for \$500 is enclosed to cover the costs of amendments to 34-3749-10.

Re: Amendment to License 34-3749-10

We are opening a new room for two gamma cameras in the present Special Imaging area. It is across a corridor from the room which houses three gamma cameras currently in use. The same hot lab used presently to receive, store, measure and prepare patient radiopharmaceuticals will be used with the new room. The present room is described as exhibit ATT 9.1 in our license application dated July 16, 1993. Safety procedures in effect in the old room will be in effect for the new room. The daily radiation survey will be expanded to cover the new room. Personnel who worked in the present room will also work in the new room. A diagram of the new room with the placement of gamma cameras is enclosed. The room originally was designed to house a CT scanner.

The Radiation Safety Committee of MetroHealth Medical Center met and approved D. Bruce Sodee, M.D. as an authorized user. His credential were examined according to Subpart J of 10 CFR Part 35. He has been board certified by the American Board of Nuclear Medicine since 1972. The committee specifically examined him according to Parts 35.920, 35.930, 35.932, and 35.934 of 10 CFR Part 35 and voted to make him an authorized user for all such uses.

The Radiation Safety Committee of MetroHealth Medical Center also approved Marisol Nunez-Hoyo, M.D. as an authorized user. Her credential were examined according to Subpart J of 10 CFR Part 35. She is board certified by the American Board of Radiology in Diagnostic Radiology. The committee specially examined her according to Part 35.920 and voted to make her an authorized user for Imaging and Localization studies.

Our possession limit on our current license includes one millicurie of Cobalt-60. We wish to remove this nuclide from our license.

CONTROL NO. 396151

A subsidiary of The MetroHealth System  
A teaching center of Case Western Reserve University



License Fee Information

*on Next page*

NOV 03 1993

CONTROL NO. ~~396151~~

Re: Control Number 95555

As per our last amendment, the Brachytherapy Cs-137 sources have been removed from the basement of CB 14A of the Bell Greve Building to Room 1111 in the Cancer Care Pavilion. Radiation surveys of the Bell Greve room was made after the sources were removed and the room released for general use. The radiation levels at all locations both within and immediately adjacent to the room were at normal background radiation levels. A radiation survey of the areas adjacent to the Room 1111 of the Cancer Care Pavilion were made. Both surveys are appended to this letter. The North wall of Room 1111 is an outside wall overlooking a grass lawn. Dr. Surendra Rustgi conducted the radiation survey.

Re: Correction of License 34-3749-07

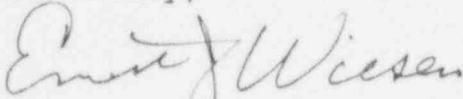
In our original application to renew license 34-3749-07 of May 1990, we asked in paragraph G.(2),(3) to have the license amended to permit irradiation of human blood products in vitro, small animals and small animal cells in vitro. It appears that these amendments were inadvertently left off of the license renewal issued on August 26, 1990. We request that our license (34-3749-07) be updated to include these previously requested amendments.

Re: Financial Reassurance on Decommissioning

As per your request in a phone call, we have secured the assurance from Cathie Cline, who has been promoted to Interim President of the MetroHealth System, that monies for decommissioning would be available if necessary. MetroHealth Medical Center is one of seven health care facilities of the MetroHealth System. Ms Cline has reaffirmed the assurance to provide up to \$150,000 in the event MetroHealth Medical Center decides to terminate all use of radioactive material and to decommission. Her letter is appended to this request.

Thank you for your attention. If there are any questions pertaining to the requests in this letter, please feel free to contact me by phone on (216) 459-4454.

Sincerely,



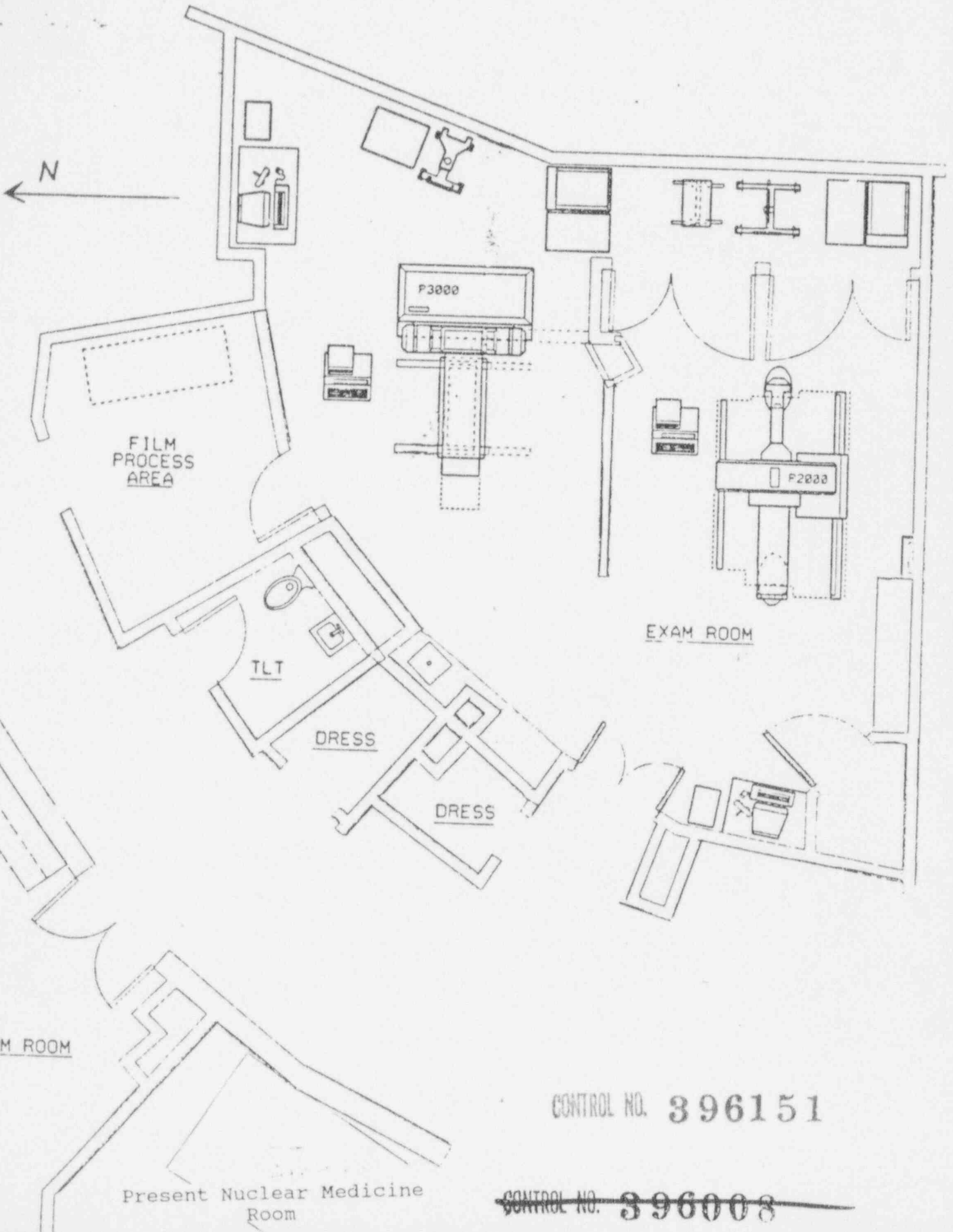
Ernest J. Wiesen  
Radiation Safety Officer  
MetroHealth Medical Center

RECEIVED BY LFDCB	
Date	Dec. 29, 1993
Log	Dec 11 III
By	AC
Date Completed	12/30/93

CONTROL NO. 396151  
FEE NOT REQUIRED  
Corrected Copy

~~CONTROL NO. 390008~~

Nuclear Medicine Room



CONTROL NO. 396151

Present Nuclear Medicine Room

~~CONTROL NO. 396008~~

**INTER-OFFICE CORRESPONDENCE**

**TO:** Ernie Wiesen, BSEE  
Radiation Safety Officer

**FROM:** Surendra N. Rustgi, Ph.D. *SNR*  
Chief, Radiation Physics

**DATE:** September 28, 1993

**TOPIC:** Release of Brachytherapy Source Storage Room  
in Bell Greve (E) Building.

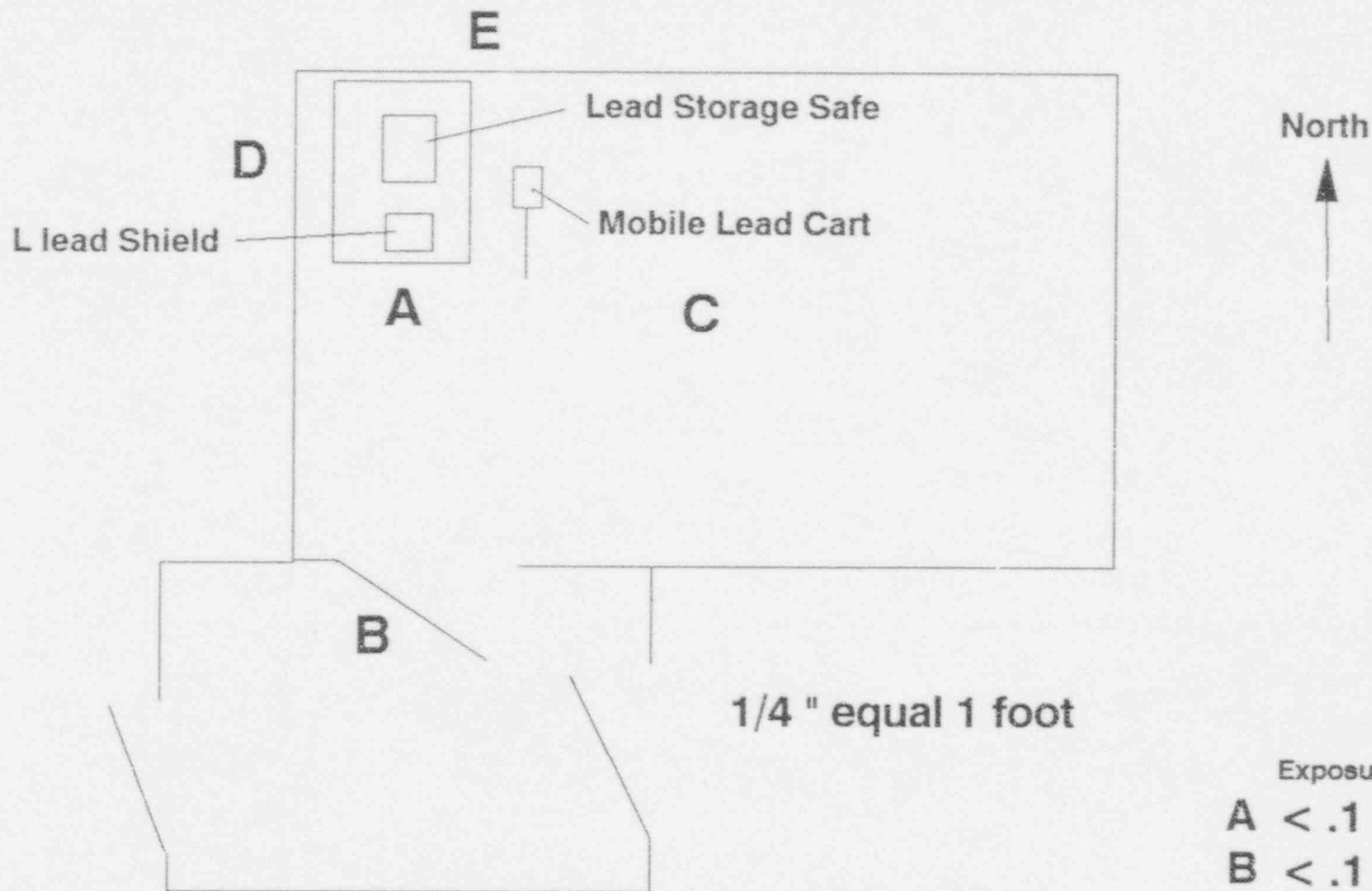
Following the removal of the Cesium 137 tube sources from the storage room in the basement of Bell Greve (E) building on September 28, 1993, a radiation survey was conducted by me on September 28, 1993. A Victoreen surveymeter (Model 450, SN 707) which was calibrated by Victoreen, Inc. on September 17, 1993 was used for the measurements. The measured exposure rate in the room was less than .1 mR per hour (background). The room is now released for general use.

SR/he  
a:brachso

CONTROL NO. 396151

~~CONTROL NO. 396008~~

# MetroHealth Medical Center



Exposure Rate

A	< .1 mr/hr
B	< .1 mr/hr
C	< .1 mr/hr
D	< .1 mr/hr
E	< .1 mr/hr

Cs-137 Tube Source Storage Area  
Basement of Department of Radiology  
Room CB 14A

CONTROL NO. 396151

396008

*INTER-OFFICE CORRESPONDENCE*

**TO:** Ernie Wiesen, BSEE  
Radiation Safety Officer

**FROM:** Surendra N. Rustgi, Ph.D. *SR*  
Chief, Radiation Physics

**DATE:** September 28, 1993

**TOPIC:** *Radiation Survey of Brachytherapy Source Storage Room  
1111 in Cancer Care Pavilion*

The Cesium-137 tube sources were removed from the basement of the Bell Greve (E) building and moved to the source storage room 1111 (See Figure 1) in the Radiation Oncology Section of the Cancer Care Pavilion on September 28, 1993. A radiation survey of the shielded safe and the storage room was conducted with a Victoreen surveymeter (Model 450, SN 707) which was calibrated by Victoreen, Inc. on September 17, 1993. The measured exposure rates adjacent to the storage safe and around the storage room are listed in Table I and are within the permissible limits.

SR/he  
a:bracso2

CONTROL NO. 396151

~~CONTROL NO. 396003~~

10R

18'X24'X12" DEEP  
JUNCTION BOX  
BY ELEC.  
CONTRACTOR

22'-11/2"

3'-2" 2 6"

ACCELERATOR #1

2 1/2' 2'-10'

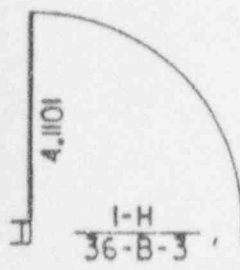
NORTH



Safe Right  
Front

RADIUM STORAGE

4.1102	4-D-4
8'-0"	

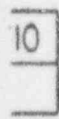


17/A5-8

4'-8"

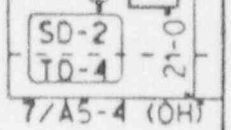
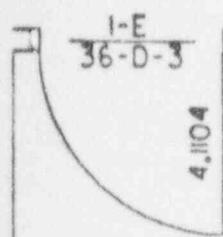
CORRIDOR

BRACHY-THERAPY



4.1074	4-D-8
8'-0"	

4'-4 1/2"

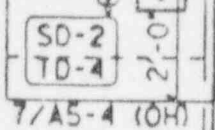


(I) VIEW  
BOX  
N.I.C.

EXAM

I-E  
36-D-3

4.1103



(I) VIEW  
BOX  
N.I.C.

EXAM

CONTROL NO. 396151

CONTROL NO. 396008

11'-11 3/4"

TABLE I

EXPOSURE RATES (mR/hr)

LOCATION ADJACENT TO SAFE		LOCATION AROUND STORAGE ROOM	
Top	.15	Door	.02
Front	.02	Accelerator Room	.02
Back	.06	North Wall	.15
Right	.4	South Wall	.01
Left	.1		
Bottom	.18		

CONTROL NO. 396151

~~396008~~



The MetroHealth Syst.  
2500 MetroHealth Drive  
Cleveland, Ohio 44109-1998

216 459-8050

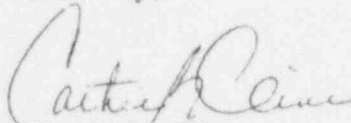
October 6, 1993

Ms. Cassandra Frazier  
Nuclear Materials Licensing Section  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137-5927

Dear Ms. Frazier:

In a December 19, 1990, letter to the U.S. Nuclear Regulatory Commission (NRC), the management representative to the Radiation Safety Committee signed a letter stating that the MetroHealth Medical Center would assure up to \$150,000 for decommissioning of any activity involving radioactive material if such decommissioning is necessary. It is my understanding that a representative of the NRC has raised the question as to whether upper-level management continues to honor this commitment made by the management representative to the Radiation Safety Committee. This letter is being sent to you to reaffirm MetroHealth Medical Center's commitment to provide up to \$150,000 to the Radiation Safety Committee for decommissioning any radioactive use under our NRC license when, and if, such decommissioning is necessary.

Sincerely,

  
Cathie B. Cline  
Interim President

CONTROL NO. 396151

