

*Asociación Hospital del Maestro*

G.P.O. BOX 364708, SAN JUAN, PUERTO RICO 00936-4708  
TODA CORRESPONDENCIA DEBE DIRIGIRSE AL ADMINISTRADOR



April 12, 2007

*NH331*

Regional Administrator, Region II  
US Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia  
Pennsylvania 19406-1415

*03002602*

**RE: AMENDMENT TO NRC LICENSE #52-15086-01**

To whom it may concern:

Please amend of license as follows:

1. In item 10, delete the fifth floor storage area. A closeout survey from 1994 is attached.
2. Add the fourth floor storage area to our license. A diagram of the area is attached.

If you have any questions regarding this amendment, please contact David Rhoe at (787) 245-7248.

Cordially,

Milton Maldonado, MHSA  
Executive Director/Administrator

/rbc

c: José Taveras, MD  
Verónica Rodríguez, MD

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REGION I  
2007 APR 24 PM 12:18

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NMSS/RGN1 MATERIALS-002

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RADIOLOGICAL SURVEY REPORT  
for  
TEACHER'S HOSPITAL- TMR CORPORATION  
Nuclear Medicine Lab.

Prepared by

SANTIAGO GOMEZ-FIGUEROA, M.S.  
Radiation Physics Consultant

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**ABSTRACT**

The Comprehensive Radiological Survey of the former facilities used by the Teacher's Hospital - Nuclear Medicine Lab. is completed.

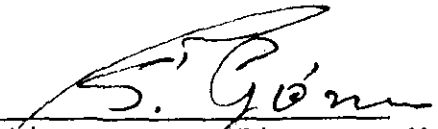
Radiation levels measurements and wipe test samples were taken on March 21, 1994 and then analyzed in a beta-gamma radioactivity measurement system.

The results were recorded and compared with the "Acceptable Surface Contamination Levels" established by the USNRC - Regulatory Guide 10.8 - Revision 2 (August, 1987) Appendix N - Table N-1. It was also used TABLE I "Acceptable Surface Contamination Levels" from the NRC Guidelines for Decontamination of Facilities and Equipment prior to release for unrestricted use (August, 1987)

On comparing the results with these criteria, no area of the premises was found contaminated with removable radioactive contamination.

**CERTIFICATION**

It is hereby certified that the areas described in this Report are clean of radioactive contamination. From the point of view of radiological health, these facilities can be considered for unrestricted use as long as they are maintained in the present condition.

  
Santiago Gomez-Figueroa, M.S.

March 24, 1994  
Date

INTRODUCTION

The Teacher's Hospital-Nuclear Medicine Lab. and holding NRC-Lic.No.52-15086-01 ordered,purchased,handled and used Groups 35.100, 35.200 and 35.300 of radioactive materials for medical uses.

Objective of this Survey is to release the above mentioned facilities for unrestricted use.

All radioactive materials in regular use,radioactive waste and calibration sources were properly moved to the approved new facilities of the first floor of the Hospital and to the Decay Storage Room located in the fourth floor of the same building.

The radioactive waste already decayed and confirming contact background radiation levels was thrown to the general garbage.

METHOD

This comprehensive radiological survey consisted of :

- a. Radiation Levels Measurements
- b. Wipe Tests procedures

In the Layout Diagram No.1, numbers indicate the specific areas where maximum and instantaneous radiation levels as well as wipe tests samples were taken.

The Radioactive Waste Storage Room is excluded from this Survey since Licensee RSC decided to continue keeping control of this Room for waste decay and storage purposes instead of using any new area as proposed initially. Instantaneous radiation levels were recorded passing the probe of the instrument at 0.05 m. distance from the area being scanned.

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Wipe tests procedures were carried out using standard smear technique, i.e. wiping a surface of 100 cm<sup>2</sup> with a 0.12 cm. thick hardened filter paper, using moderate pressure and then counting the activity on the filter paper in a beta gamma radioactivity measurement system. Results are summarized in TABLE I of this Report.

INSTRUMENTS USED

1. LUDLUM INC. - G.M. Survey Meter - Model 14 C  
Probe 44.7 and Serial No. 24256  
Sensitivity ranges 0.2 and 2000 mR/hr full scale,  
Recently calibrated.
  
2. NUCLEAR ASSOCIATES INC. - Model 00578 and Serial  
No. 2952 - Efficiency 10% and MDA aprox. 154 dpm

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TABLE I

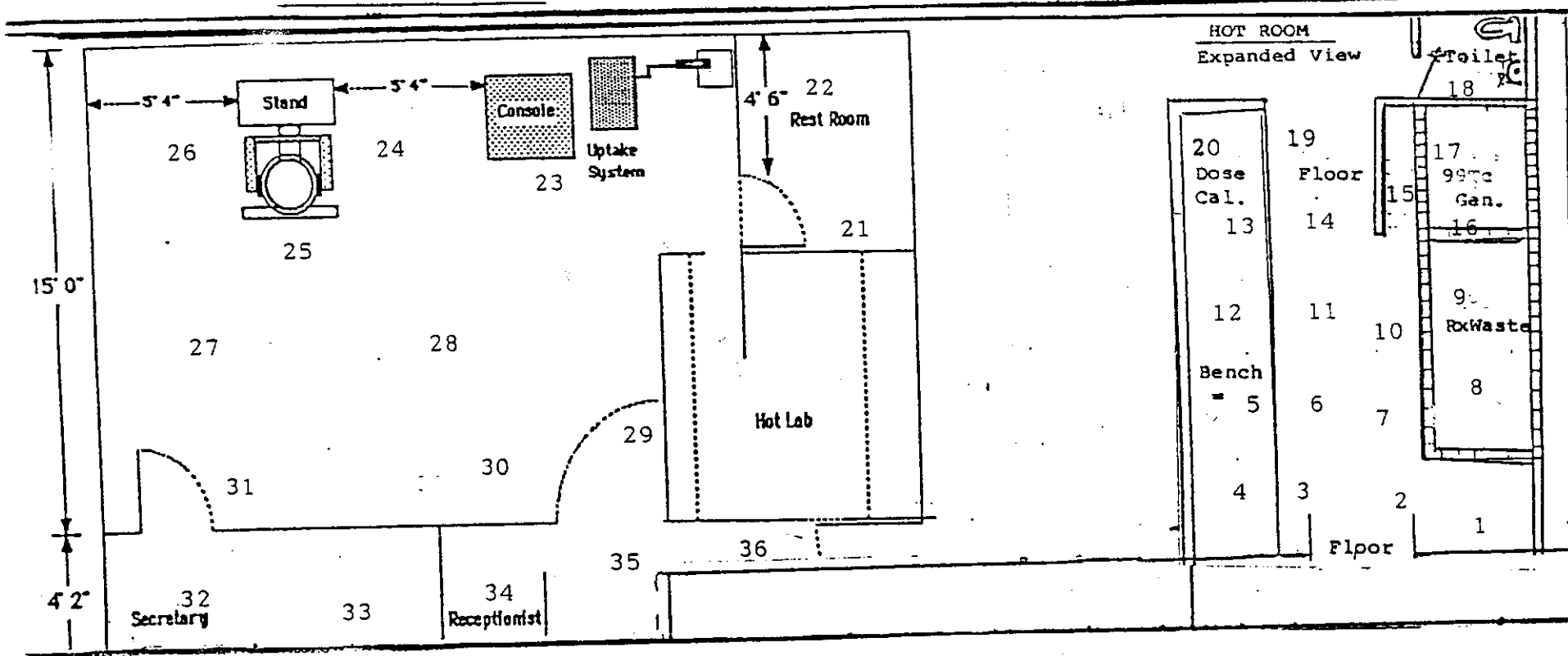
Background radiation levels : Bgd = 0.02 mR/hr  
 Smear Test Control = C = 100 gross dpm/100 cm<sup>2</sup>  
 Highest Contamination: 60 dpm/100 cm<sup>2</sup>  
 Average Contamination: 9 dpm/100 cm<sup>2</sup>

<u>LOCATION</u>	<u>RADIATION LEVEL (mR/hr)</u>	<u>Net dpm/100 cm<sup>2</sup></u>
1	0.02	0
2	↑	10
3		20
4		40
5		0
6	↓	10
7		0
8	0.04	0
9	0.04	0
10	↑	0
11		10
12	↓	0
13		0
14		0
15	0.04	10

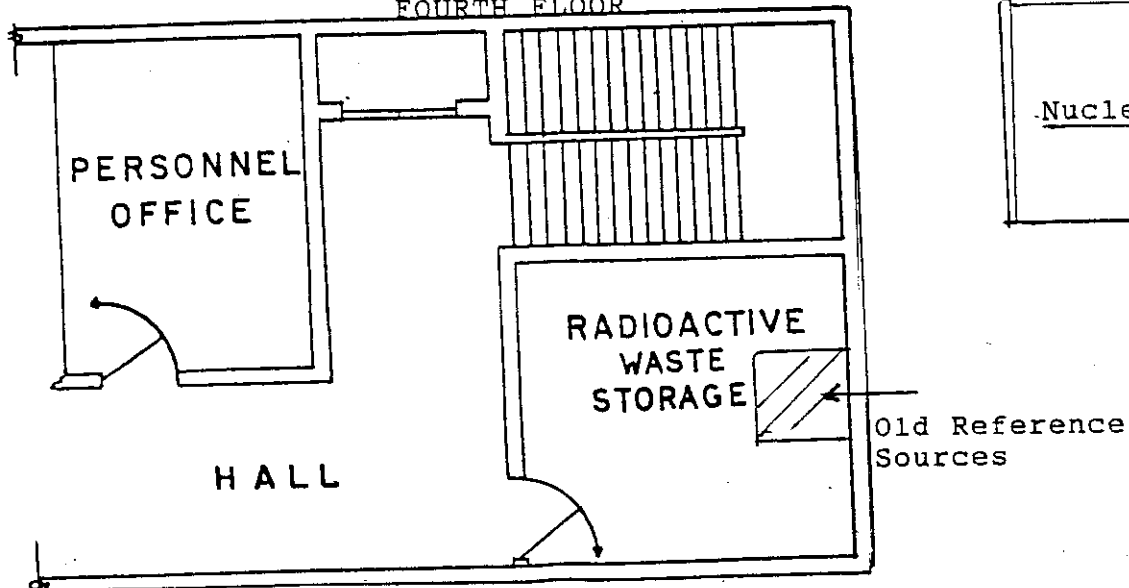
16	0.03	30
17	0.03	40
18	0.04	0
19		60
20		10
21		40
22		20
23		0
24	Bgd	0
25		0
26		0
27		0
28	0.03	10
29		0
30		0
31		0
32	Bgd	0
33		0
34		0
35		0
36		0

Diagram No.1

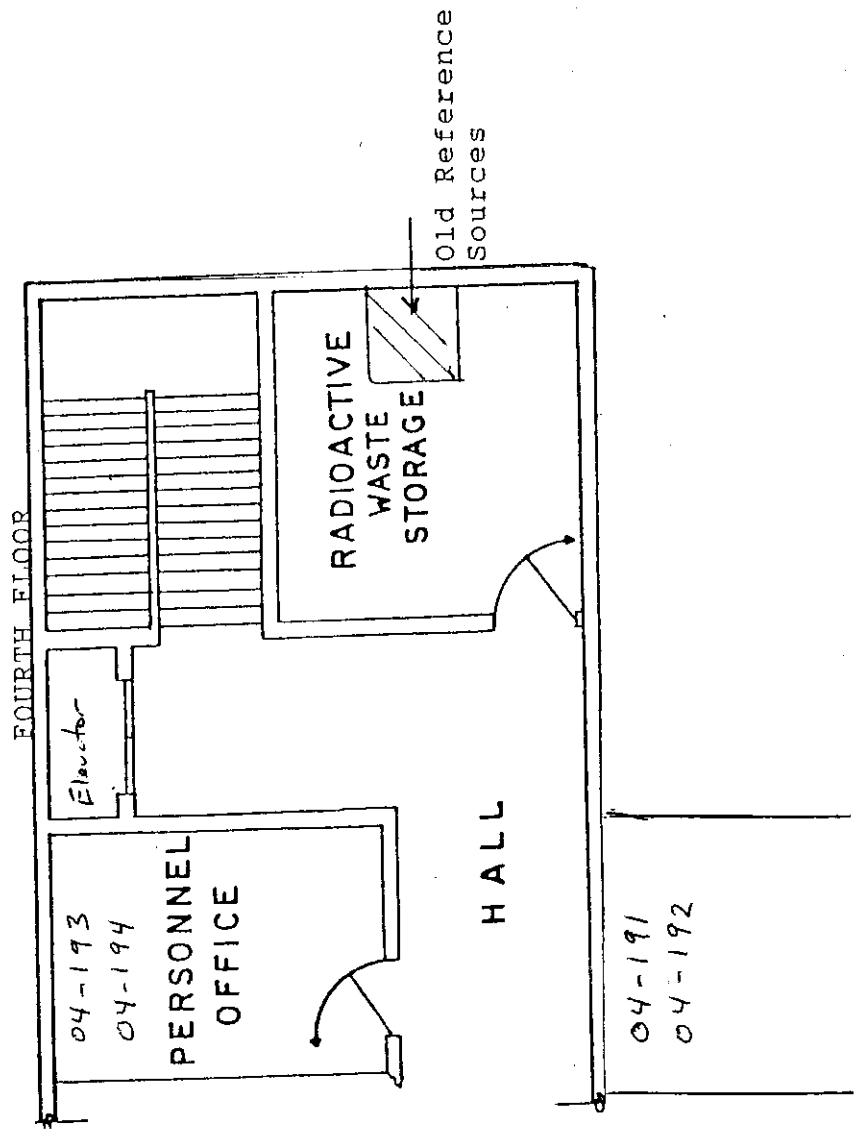
FIFTH FLOOR



FOURTH FLOOR



TEACHER'S HOSPITAL  
Nuclear Medicine Laboratory  
(Old Facilities)



Waste Storage Room is located between rooms 04-193 and 04-192 at the end of the hallway



This is to acknowledge the receipt of your letter/application dated

4/12/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 52-15086-01  
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.

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

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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 140442.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.