

JAMES CLIFFORD, M.D.
CARDIOLOGY & INTERNAL MEDICINE
255 WEST SPRING VALLEY AVE
MAYWOOD, NJ 07607
(732) 996-0055

February 26, 2007

nm582

01:1 PM 1 - MAR 2007

U.S. Nuclear Regulatory Commission
Region 1
License Assistance Team
475 Allendale Rd
King of Prussia, PA 19406-1415

RECEIVED
REGION 1

RE: NRC License # 29 - 31003 -01
James Clifford, M.D.

03036843

To Whom It May Concern:

We would like to remove the following location from our license:

83 Summit Ave. - Hackensack, NJ 07601

The radioactive sealed sources present have been transferred to our new facility at 255 West Spring Valley Ave. - Maywood, NJ 07607 (ATT. 1)

A close-out survey of the facility was performed. (ATT. 2)

* Please note that the address of the new office is 255 West Valley Avenue, not 255 West Valley Road.

If you need any additional information please contact me.


James Clifford, M.D.

140163

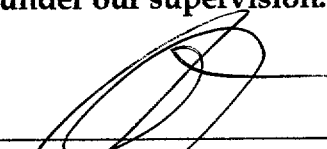
NRC/REG1 MATERIALS-002

****SEALED SOURCE INVENTORY FOR TRANSFER**

DATE: February 15, 2007
LOCATION: JAMES CLIFFORD, M.D.

| <u>ISOTOPE</u> | <u>ACTIVITY</u> | <u>CAL. DATE</u> | <u>DESCRIPTION</u> |
|----------------|-----------------|----------------------|--------------------|
| Cs 137 | 236.8 uCi | 4/1/05 | 63527 |
| Co 57 | 5.577 mCi | 4/1/05 | 63510 |
| Ba 133 | 248.7 uCi | 5/1/05 | 64128 |
| Co 57 Sheet | 10 mCi | 5/6/05 | BM05100359 |
| Cs 137 Rod | 500 nCi | 3/1/05 | 1034 -78 - 50 |

**** Note: The above Sealed Sources have been transferred from our office at 83 Summit Ave. in Hackensack, NJ 07601 to our new office at 255 West Spring Valley Ave. in Maywood, NJ 07607 under our supervision.**



Leonardo DiVagno, M.D.
RSO/ Authorized User



James Clifford, M.D.
Owner

NUCLEAR CARDIOLOGY
SEALED SOURCE LEAK TEST

DATE: February 15, 2007
FACILITY: James Clifford, M.D.

Source: Cs 137
Serial Number: 63527

INSTRUMENT USED TO PERFORM LEAK TEST: Capintec CRC 15W 171280 w Capintec Well

STANDARD SOURCE USED TO CALIBRATE INSTRUMENT:

ISOTOPE : Cs 137
ACTIVITY: .500 uCi
CURRENT: .478 uCi
CALIBRATION DATE: 3/1/05

INSTRUMENT CALIBRATION:


| | | |
|----------------------------|-----------|----------------|
| • H.V. | Auto | Volts |
| • AMP Gain | 1496 | |
| • Channel Setting | LOW 25 | |
| | HIGH 1000 | |
| • Background | 360 | Counts/min |
| • Standard Source Activity | 307,800 | Counts/min |
| • Net Activity of Standard | 307,440 | Counts/min |
| • Calibration Factor | 643,179 | Counts/min/uCi |

.005 uCi = 3215 CPM

ACTIVITY OF LEAK TEST SAMPLE **14** **CPM**

LEAK TEST RESULT: **<0.005 microCuries**

Performed by:



Joseph Giardina, M.S.

NUCLEAR CARDIOLOGY
SEALED SOURCE LEAK TEST

DATE: February 15, 2007
FACILITY: James Clifford, M.D.

Source: Co 57
Serial Number: 63510

INSTRUMENT USED TO PERFORM LEAK TEST: Capintec CRC 15W 171280 w Capintec Well

STANDARD SOURCE USED TO CALIBRATE INSTRUMENT:

ISOTOPE : Cs 137

ACTIVITY: .500 uCi

CALIBRATION DATE: 3/1/05

CURRENT: .478 uCi

INSTRUMENT CALIBRATION:


| | | |
|----------------------------|-----------|----------------|
| • H.V. | Auto | Volts |
| • AMP Gain | 1496 | |
| • Channel Setting | LOW 25 | |
| | HIGH 1000 | |
| • Background | 360 | Counts/min |
| • Standard Source Activity | 307,800 | Counts/min |
| • Net Activity of Standard | 307,440 | Counts/min |
| • Calibration Factor | 643,179 | Counts/min/uCi |

.005 uCi = 3215 CPM

ACTIVITY OF LEAK TEST SAMPLE **0** **CPM**

LEAK TEST RESULT: **<0.005 microCuries**

Performed by:



Joseph Giardina, M.S.

**NUCLEAR CARDIOLOGY
SEALED SOURCE LEAK TEST**

DATE: February 15, 2007
FACILITY: James Clifford, M.D.

Source: Ba 133
Serial Number: 64128

INSTRUMENT USED TO PERFORM LEAK TEST: Capintec CRC 15W 171280 w Capintec Well

STANDARD SOURCE USED TO CALIBRATE INSTRUMENT:

ISOTOPE : Cs 137

ACTIVITY: .500 uCi

CALIBRATION DATE: 3/1/05

CURRENT: .478 uCi

INSTRUMENT CALIBRATION:

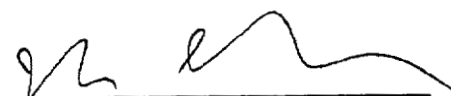
- | | | |
|----------------------------|---------------------|----------------|
| • H.V. | Auto | Volts |
| • AMP Gain | 1496 | |
| • Channel Setting | LOW 25 HIGH 1000 | |
| • Background | 360 | Counts/min |
| • Standard Source Activity | 307,800 | Counts/min |
| • Net Activity of Standard | 307,440 | Counts/min |
| • Calibration Factor | 643,179 | Counts/min/uCi |

.005 uCi = 3215 CPM

ACTIVITY OF LEAK TEST SAMPLE 16 CPM

LEAK TEST RESULT: <0.005 microCuries

Performed by:



Joseph Giardina, M.S.

**NUCLEAR CARDIOLOGY
SEALED SOURCE LEAK TEST**

DATE: February 15, 2007
FACILITY: James Clifford, M.D.

Source: Co 57 Sheet
Serial Number: BM 05100359

INSTRUMENT USED TO PERFORM LEAK TEST: Capintec CRC 15W 171280 w Capintec Well

STANDARD SOURCE USED TO CALIBRATE INSTRUMENT:

ISOTOPE : Cs 137
ACTIVITY: .500 uCi **CALIBRATION DATE:** 3/1/05
CURRENT: .478 uCi

INSTRUMENT CALIBRATION:

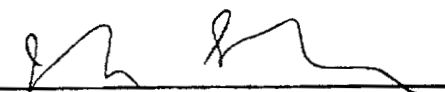
- H.V. Auto Volts
- AMP Gain 1496
- Channel Setting LOW 25
HIGH 1000
- Background 360 Counts/min
- Standard Source Activity 307,800 Counts/min
- Net Activity of Standard 307,440 Counts/min
- Calibration Factor 643,179 Counts/min/uCi

.005 uCi = 3215 CPM

ACTIVITY OF LEAK TEST SAMPLE 7 **CPM**

LEAK TEST RESULT: <0.005 microCuries

Performed by:



Joseph Giardina, M.S.

James Clifford, M.D.
Close-Out Survey

Date: February 15, 2007
Location: 83 Summit Ave. - Hackensack, NJ 07601

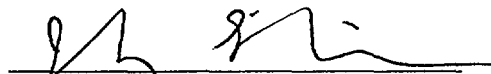
Instrument(s): (1) Ludlum 14C s/n 214818 Survey Meter w 44-9 GM Probe
(2) Capintec Caprac Well Counter s/n 171280

| <u>Nuclear Cardiology</u> | <u>Surveys</u> | <u>Wipes</u> |
|----------------------------------|--------------------|--------------------|
| <u>AREA (Map Attached)</u> | <u>(1) Mr / hr</u> | <u>(2) Net DPM</u> |
| Background | .03 | 360 CPM |
| 1) L- Block | .03 | 8 |
| 2) Radioactive Storage | .02 | 12 |
| 3) Radioactive Non Sharp Waste * | .03 | 0 |
| 4) Camera / Imaging Chair | .02 | 0 |
| 5) Floor | .02 | 23 |
| 6) Treadmill | .02 | 7 |
| 7) Injection Chair | .02 | 11 |
| 8) Floor | .04 | 36 |
| 9) Radioactive Sharps Waste * | .03 | 0 |
| 10) Work Area | .02 | 0 |
| 11) Non Radioactive Waste | .03 | 6 |

* Note: Only Unit Doses of Tc99m were used in this office. The last day of usage was 2/8/07, therefore > 20 T ½'s have passed at the time of this Close-Out on 2/15/07.

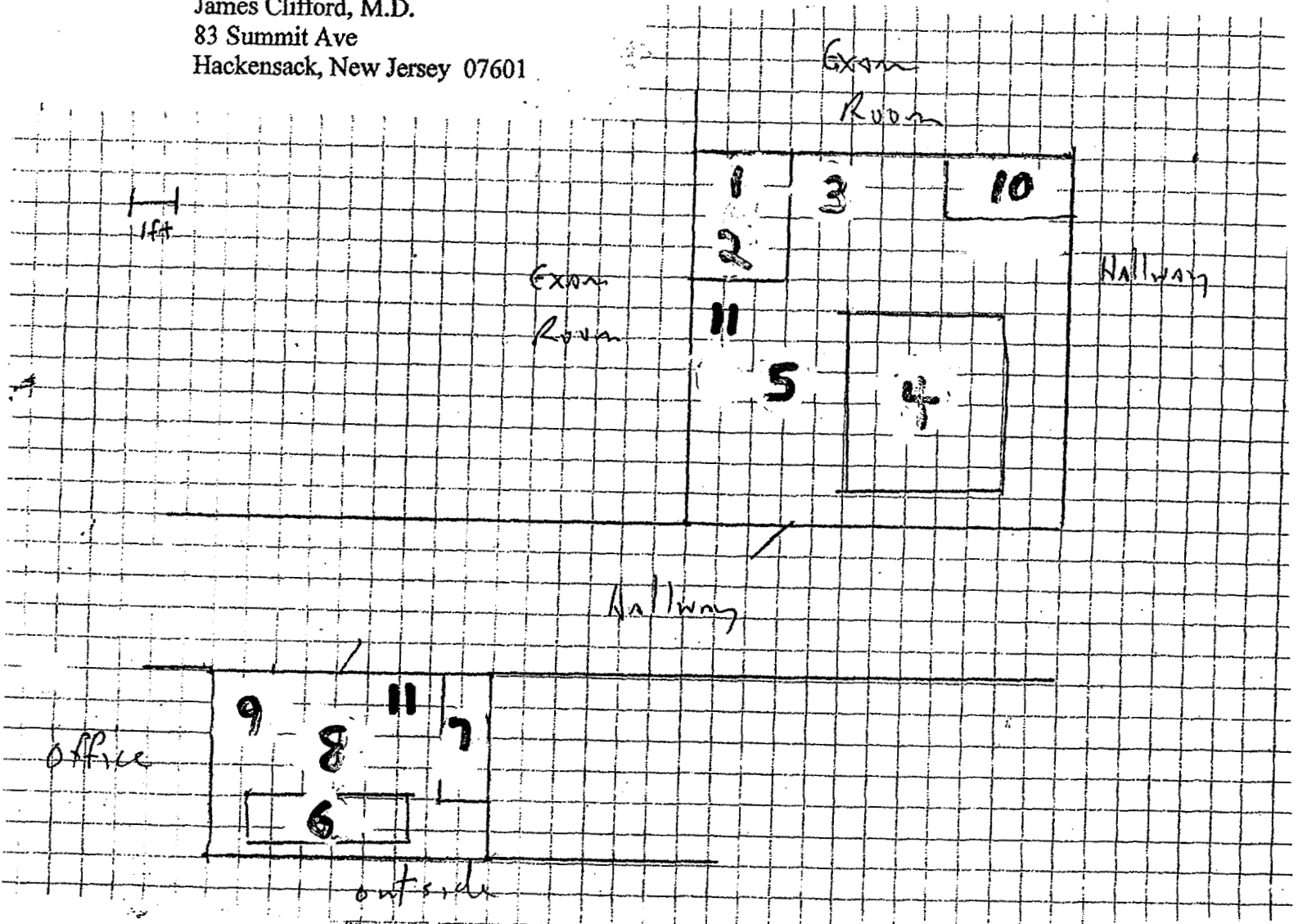
Comments:

- 1 All radioactive waste that was in Decay in Storage was found to be at background levels and therefore disposed as Non Radioactive
- 2 The remaining sealed radioactive sources (Inventory Attached) were transferred from 83 Summit Ave in Hackensack, NJ 07601 to the new office at 255 West Valley Road in Maywood, NJ 07607
- 3 The above survey demonstrates that the Nuclear Cardiology Lab was indistinguishable from background and therefore may be considered radiation free and released for use.


Joseph Giardina, M.S.

CLOSE-out Survey MAP

James Clifford, M.D.
83 Summit Ave
Hackensack, New Jersey 07601



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

2/26/2007, and to inform you that the initial processing which includes an administrative review has been performed.

Answer 29-31003-01 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

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 140163.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.