

NRC FORM 314
(12-2010)
10 CFR 30.36(j)(1); 40.42(j)(1);
70.38(j)(1); and 72.54(k)(5)(1)(1)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028

EXPIRES: 10/31/2013

CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS
JOWHER KHALEEL M.D. P.C.
LEVONIA PROFESSIONAL PLAZA
20000 FARMINGTON ROAD, 1206 E
LEVONIA, MICHIGAN

LICENSE NUMBER: **21-32036-01**
DOCKET NUMBER:
LICENSE EXPIRATION DATE: **11.30.2012**

A. LICENSE STATUS (Check the appropriate box)

This license has expired. This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- No radioactive materials have ever been procured or possessed by the licensee under this license.
- All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.

a. Transfer of radioactive materials to the licensee listed below:

SEALED SOURCES (CAV 37 AND B-193) TRANSFERRED TO RADIOLOGICAL PHYSICS SERVICE (21-26253-01)

b. Disposal of radioactive materials:

1. Directly by the licensee:

RADIOACTIVE WASTE DECAYED TO BACKGROUND AND DISPOSED OF AS TRASH.

2. By licensed disposal site:

3. By waste contractor:

COST FLOOD SOURCE SHIPPED TO ISOJPE PRODUCTS FOR SPECIAL SHIPPING PAPERS ATTACHED.

c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

1. A radiation survey was conducted by the licensee. The survey confirms:

- a. the absence of licensed radioactive materials
- b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.

2. A copy of the radiation survey results:

- a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: _____ Date

3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

- a. The results of the latest leak test are attached; and/or b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME: **JOWHER KHALEEL** TITLE: **OWNER** TELEPHONE (Include Area Code): _____ E-MAIL ADDRESS: _____
Mail all future correspondence regarding this license to:

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE: **JOWHER KHALEEL, OWNER** SIGNATURE: _____ DATE: **8.9.2012**

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

Radiological Physics Service, Inc.

CLOSE OUT SURVEY


Jowher Khalel, M.D., P.C.
Livonia Professional Plaza
20000 Farmington Road, Bldg. E
Livonia, MI 48152

License: 21-32036-01

RE: Close out survey of the old nuclear medicine department.

1. Date of Survey: July 19, 2012.
2. Diagram of the department and the wipe test results are attached.
3. The survey meter readings were less than 0.02 mR/hr for all areas.
4. The survey meter background reading was 0.02 mR/hr.
5. The survey meter used was a Ludlum model 14C (S/N 230208) with an pancake GM probe. It was last calibrated 3/10/12.
6. The wipe tests were assayed on an Canberra, Series 20 multi-channel well counter. The minimum detectable activity for Tc-99m, Tl-201 is 60 dpm at 95% confidence.
7. The survey was performed by Ray A. Carlson, M.S., Medical Physicist from Radiological Physics Service, Inc. (License No.: 21-26253-01).
8. The Cs-137 and Ba-133 sealed sources transferred to Radiological Physics Service, Inc. (License No.: 21-26253-01). The Co-57 flood source was shipped to Isotopes Products for disposal.

All wipe tests were below the 2000 dpm limit and all GM survey meter readings were at background (0.02mR/hr).


Ray A. Carlson, M.S.
DABR, DABMP
Medical Physicist

Location: Jowher Khaleel, M.D., P.C.

Date of Inspection: July 19, 2012

SEALED SOURCE INVENTORY

Nuclide	Type	Location	Calibration Activity	Calibration Date	Mfgr.	M/N	S/N
Cs-137	vial	Hot Lab	216 uCi	07/07/97	DuPont	NES-356	S356035-031
Ba-133	vial	Hot Lab	274 uCi	10/08/97	DuPont	NES-358	S358023-073
Cs-137	rod	Hot Lab	500 nCi	12/01/97	IPL		567-42

RSO: _____

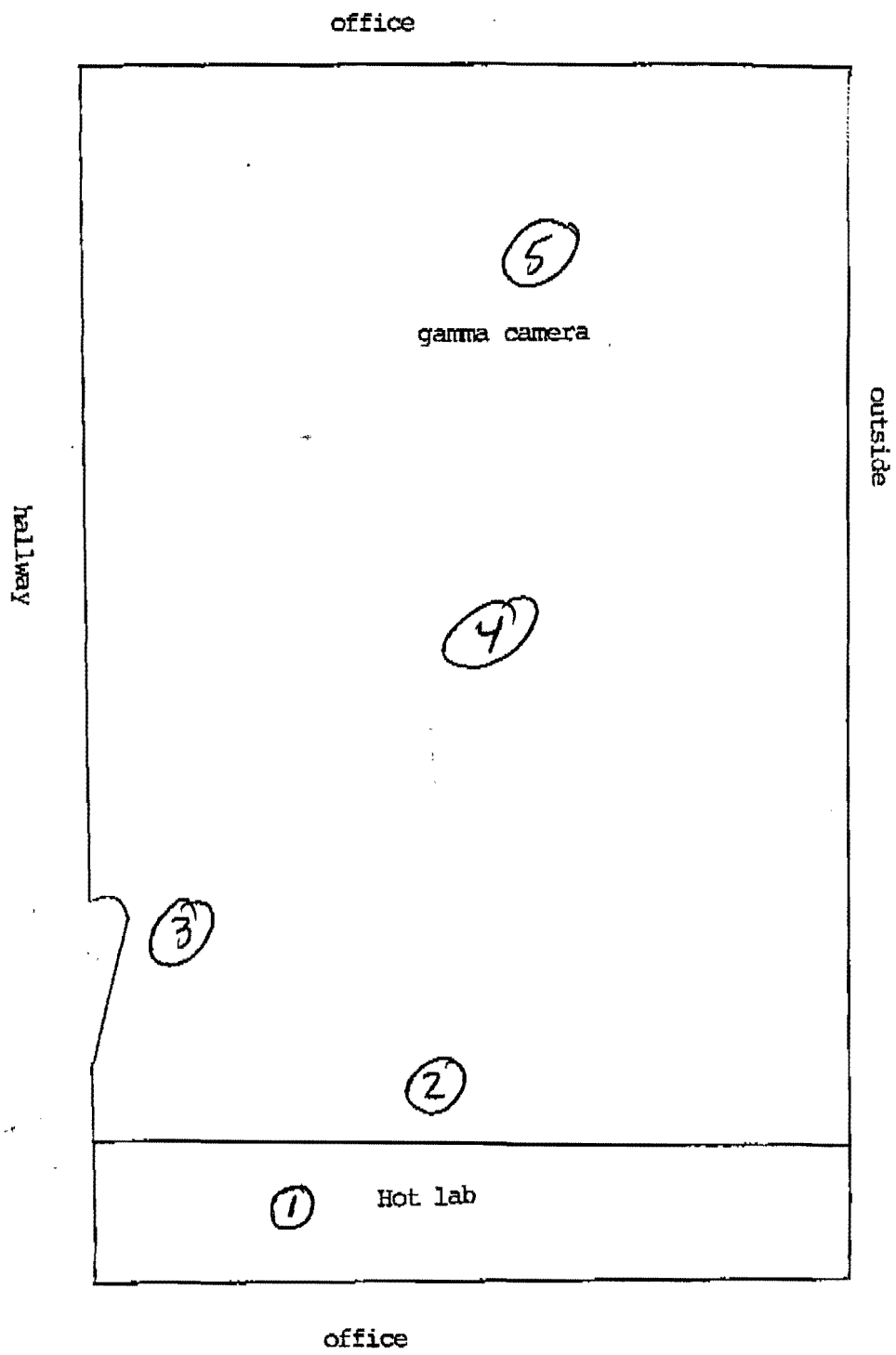
SEALED SOURCE LEAK TEST

Nuclide	Type	Location	Calibration Activity	Calibration Date	Mfgr.	M/N	S/N
Cs-137	vial	Hot Lab	216 uCi	07/07/97	DuPont	NES-356	S356035-031
Ba-133	vial	Hot Lab	274 uCi	10/08/97	DuPont	NES-358	S358023-073

COMMENT: *The sources listed above were leak tested using a wipe technique and were found to have less than 0.005 uCi removable activity.*

TESTED BY: Ray A. Carlson, M.S.DATE: July 19, 2012

RSO: _____



Hot lab contains: lead shielded storage area, lead shielded waste storage area, dose calibrator, lead-glass barrier, well counter

Radiological Physics Service, Inc.**Wipe Test Results**

Jowher Khalel, M.D., P.C.
Livonia Professional Plaza
20000 Farmington Road, Bldg. E
Livonia, MI 48152

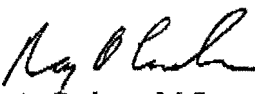
License: 21-32036-01

RE: Close out survey of location

Date: July 19, 2012

Area	CPM	Net CPM	DPM
Background	245		
1	201	0	0
2	201	0	0
3	201	0	0
4	201	0	0
5	201	0	0

- All wipes were below the 2000 DPM limit.
- All wipe areas were surveyed with a GM survey meter and all areas recorded less than 0.02 mR/hr. Wipes were then analyzed in gamma counter.


Ray A. Carlson, M.S.
DABR, DABMP
Medical Physicist



RETURN PACKING LIST

All information must be provided to ensure proper handling of your return

FROM:

Company Name TOWHER KHALEEL M.D.PC.

Address 2000 FARMINGTON RD. BLDG E.

City LIVONIA State MI ZIP 48152

Contact Name TOWHER KHALEEL

Telephone 248-474-1144 Fax 248-474-1548

Email Towher SA @ AOL. Com

SEND TO:



Eckert & Ziegler
Isotope Products

1800 North Keystone Street
Burbank, CA 91504
Telephone: (661) 309-1010
Fax: (661) 257-8303
Email: nucmedsales@ezag.com

RETURN # RA- 216723

STOP: This packing list must be affixed to the OUTSIDE and a copy placed inside of the package. Each returned source to EZIP must be on a one-to-one exchange basis only. For additional returns, please contact EZIP customer service for additional cost considerations.

Nuclide	Activity	Reference Date	Serial Number	Capsule Description MED3705 (NAS1)	Source Wipe Test $\leq 5nCi$
1) <u>Co-57</u>	<u>10mCi</u>	<u>10/22/06</u>	<u>98950</u>	<u>FLOOD</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2) _____	_____	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
3) _____	_____	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
4) _____	_____	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

If source is damaged, broken, or leaking, describe under "Capsule Description" section and submit a copy of the last leak test. **Keep a copy of this form for your records. It may be requested by your regulatory agency.** I acknowledge that the above information is true to the best of my knowledge.

Contact's Signature: 

Shipper's 24 Hour Emergency Response Number (Required): _____

FOR EZIP USE ONLY

EZIP has received the radioactive sources listed above, except as noted below

Receiver's Name: ISIDORO LANDEBOS

Receipt Date: 24 JUL 12

Sources not received: N/A

CERTIFIED MAIL™



7011 2000 0001 6503 3058



1000

60532

U.S. POSTAGE
PAID
LIVONIA, MI
48152
AUG 09, 12
AMOUNT

\$6.40
00090527-08

JOWHER KHALEEL, M.D., F.D.
Livonia Professional Plaza
20000 Farmington Rd. - Bldg. E
LIVONIA, MI 48152

**RETURN RECEIPT
REQUESTED**

NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE SECTION
Region III
2443 Warrenville Road, Suite 210
LISLE, IL 60532-4352.

