

RADIOLOGY ASSOCIATES P.C.
1801 HARVEST LANE
BLOOMFIELD HILLS, MI. 48302

AUGUST 31, 2020

United States Nuclear Regulatory Commission
Region III, Materials Licensing Section
2443 Warrenville Road, Ste 210
Lisle, IL 60532-4352

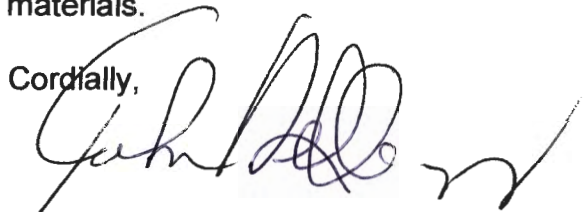
Amendment request for License No. 21-16754-01, Radiology Associates

A close-out survey was performed on August 20, 2020 of our address **Comprehensive Medical Group, PC, 4040 South Linden Road, Flint, MI 48507** on Radiology Associates NRC license, which we wish to terminate, and is enclosed for your review.

The last date of receipt and use of radioactive material at this site was December 18, 20219. Only the radionuclide Tc-99m was used for diagnostic testing at this facility. A current copy of the leak test results for the sealed sources used at our facility is enclosed for your review. This facility is exempt from decommissioning due to low volumes and short physical half-lives of materials used.

We did not dispose of radioactive materials by release to sewers or incineration. In addition, there were no spills of any long-lived radioactive material or on-site burials of radioactive materials.

Cordially,



Dr. John Mellen, M.D.
Radiation Safety Officer/ Administrator

RECEIVED SEP 01 2020

Close-out Survey

Date Performed: August 20, 2020

Performed By: Laura Luna, B.S.

Wipe tests analyzed with Capintac CRC-15W, SN # 171703. Efficiency for Cobalt-57 is 1.2 dpm/cpm. MDA is 22 dpm. A generic efficiency value of 2.0 dpm/cpm was used to count all wipe tests.

Survey performed with Ludlum survey meter model 14C with end window probe, SN # 227573, calibrated on 11/14/19, with a check source reading of 1.10 mR/hr. Range used was 0.1 mR/hr.

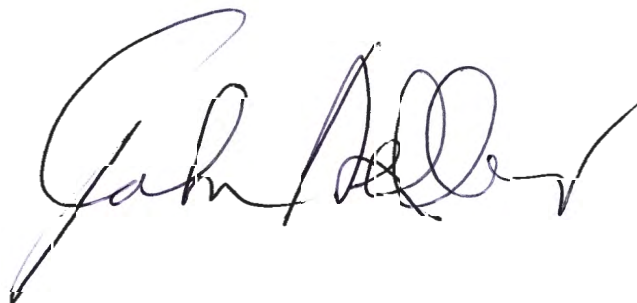
All sealed radioactive sources were removed by Bionomics Waste Contractor.

Visual Check

The area was checked to ensure that all radioactive waste had been removed. No radioactive material was located.

Radiation Level Survey

No area within the department demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

A handwritten signature in black ink, appearing to read "John Allen". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

Removable Contamination

1 minute counts of a wipe sample covering at least a 100 square centimeter area

Background counts: 224, 237, 228 cpm Average: 230 cpm

Area	Result(dpm)	Area	Result(dpm)
1 Imaging Rm	0	22 Stress Rm (cont'd)	0
2	0	23	0
3	0	24	0
4	0	25	0
5	22	26	0
6	22	27	0
7	22	28	0
8	22	29	0
9	14	30	0
10	14	31 Hot Lab	0
11	14	32	0
12	14	33	0
13	0	34	0
14	0		
15	0		
16	0		
17	10		
18	10		
19	10		
20	10		
21 Stress Rm	0		

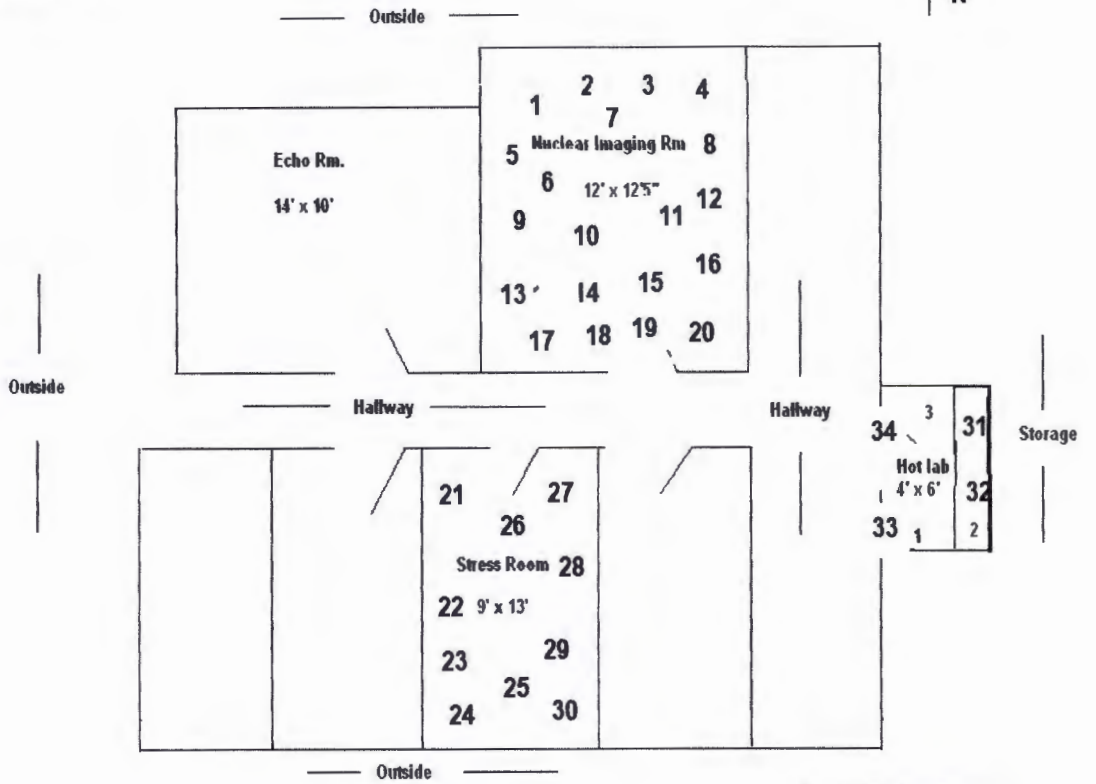
Conclusion

As of August 20, 2020 all radioactive materials were removed from the site and no removable contamination was present.

John Mellen, M.D.
Radiation Safety officer/CEO



Comprehensive Medical Group, PC
 4040 S. Linden Rd.
 Flint, MI 48507



Area 1 - Package Receipt
 Area 2 - Dose Preparation
 Area 3 - RAM Waste Storage

There is a basement for storage located below and nothing above the nuclear department. The hot lab will be under lock and/or key while unattended.

No room numbers assigned.



Sealed Source Leak Test

Licensee: Comprehensive Medical Group, P.C.

Date: 12/20/19

Performed by: Laura Luna

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Ba-133	Vial	274 uCi	10/08/97	Hot Lab	NES358	S358023-018
Current Activity: 63.475 uCi						
Cs-137	Vial	273 uCi	04/29/80	Hot Lab	CDCV1	3016
Current Activity: 109.19 uCi						

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The leak test wipes were analyzed using instrumentation capable of detecting 185 Bq (0.005 uCi) radioactivity on the wipe.

RADIATION SAFETY OFFICER: _____

NRC FORM 314
(02-2017)
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: 02/29/2020

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 FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollcts.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (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

Radiology Associates
1801 Harvest Lane
Bloomfield Hills, MI 48302

LICENSE NUMBER

21-16754-01

DOCKET NUMBER

LICENSE EXPIRATION DATE

12/31/21

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:

1. No radioactive materials have ever been procured or possessed by the licensee under this license.
2. 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:
- b. Disposal of radioactive materials:
1. Directly by the licensee:
2. By licensed disposal site:
3. By waste contractor:
Bionomics
- 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	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
John Mellen, MD	RSO/ CEO	248-895-8218	medoc_98@yahoo.com

Mail all future correspondence regarding this license to:

John Mellen, MD, 1801 Harvest Lane, Bloomfield Hills, MI 48302

C. CERTIFYING OFFICIAL
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

John Mellen, MD

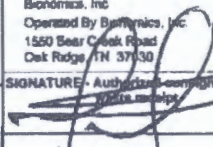

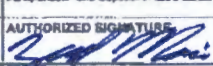
SIGNATURE

DATE

8-31-2020

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and Privacy Services Branch (T-5 F32), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollections@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NRC-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a system 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.

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		Bionomics, Inc. Bionomics, Inc. on behalf of Comprehensive Medical Group. PC 4040 Linden Road Flint, MI 48507		SHIPPER - NAME AND FACILITY Bionomics, Inc. on behalf of Comprehensive Medical Group. PC 4040 Linden Road Flint, MI 48507		SHIPMENT ID NUMBER 08172020HWHM COLLECTOR PROCESSOR		7. FORM 540 AND 540A FORM 541 AND 541A FORM 542 AND 542A ADDITIONAL INFORMATION PAGE 1 OF 1 PAGE(S) 1 PAGE(S) NONE PAGE(S) NONE PAGE(S)		8. MANIFEST NUMBER (Use this number on all continuation pages) 0820CMG							
1. EMERGENCY TELEPHONE NUMBER (Include Area Code) (800) 424-9303 ORGANIZATION CHEMTRAC / CCN825454		USER PERMIT NUMBER CONTACT Laura Luna		SHIPMENT NUMBER 0820CMG		X GENERATOR TYPE (Specify) M TELEPHONE NUMBER (Include Area Code) (810) 868-3758		9. CONSIGNEE - Name and Facility Address Bionomics, Inc. Operated By Bionomics, Inc. 1550 Bear Creek Road Oak Ridge, TN 37830		CONTACT John McCormick TELEPHONE NUMBER (Include Area Code) (865) 220-8501							
2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 1		6. CARRIER - Name and Address Bionomics, Inc. 1550 Bear Creek Road Oak Ridge, TN 37830		Truck #: Trailer #:		EPA I.D. NUMBER TND08218493 SHIPPING DATE 08/20/2020 TELEPHONE NUMBER (Include Area Code) 865-220-8501		SIGNATURE - Authorized person accepting this waste receipt  DATE 8/25/20							
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If "Yes", provide Manifest Number		EPA MANIFEST NUMBER N/A		CONTACT John McCormick		SIGNATURE - Authorized person accepting this waste receipt  DATE 8/20/2020		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and in proper condition for transportation and disposal in accordance with the requirements of 10 CFR Parts 20 and 81, or equivalent state regulations.		AUTHORIZED SIGNATURE  TITLE Tech DATE 8/20/2020							
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)		12. DOT LABEL "RADIOACTIVE" Yellow II		13. TRANSPORT INDEX 0.2		14. PHYSICAL AND CHEMICAL FORM SOLID/OXIDES		15. INDIVIDUAL RADIONUCLIDES BA-133, CO-57, CS-137		16. TOTAL PACKAGE ACTIVITY MBq mCi 1.4199E+01 (3.8376E-01)		17. LSA/SCO CLASS NA		18. TOTAL WEIGHT OR VOLUME (Use appropriate units) 0.88 R³ 17.00 lb		19. IDENTIFICATION NUMBER OF PACKAGE CMG-01 (20-001498)	
FOR CONSIGNEE USE ONLY Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment 860-08-20				20. TERMS AND CONDITIONS A. HAZARDOUS MATERIALS: Consignor represents & warrants that Waste Materials is (or) are not hazardous waste as defined in 49 CFR 81. Where the material is a hazardous waste, this shipment is to be accompanied by a separate and completed hazardous waste manifest, along with the appropriate land-disposal restriction notice and/or certification as required by 49 CFR 81.7. B. TITLE: Upon completion at the disposal site by EnergySolutions, Inc. and all applicable regulatory authorities, title to the Waste Materials which conforms to Consignor's representations herein shall thereafter transfer from Consignor and be retained by EnergySolutions, Inc. C. WASTE MATERIAL: Consignor represents and warrants that all data set forth in this UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST are true and correct to all respects and in accordance with all applicable governmental laws, rules, and regulations and Consignee of User, Inc.'s facility license. D. REPRESENTATION: Consignor agrees to indemnify EnergySolutions, Inc. its officers, employees, and agents against all losses and liability whatsoever if such losses or liability results from the failure of the Waste Materials to conform in all essential respects to the data supplied on this UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST or if this shipment fails to meet the standards prescribed by the Department of Transportation or any governmental agency having jurisdiction over such matters.													

Estimated burden per response to comply with this information collection request: 1.5 hours. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-8 F32), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0091, or by internet e-mail to infocoll@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-1022, (2150-0164), Office of Management and Budget, Washington, DC 20503. If a system 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.

FORM 541		Blonomics, Inc.		1. MANIFEST TOTALS										2. MANIFEST NUMBER		
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST				NUMBER OF PACKAGES/DISPOSAL CONTAINERS	NET WASTE VOLUME	NET WASTE WEIGHT	SPECIAL NUCLEAR MATERIAL (grams)				TOTAL	0820C4G				
CONTAINER AND WASTE DESCRIPTION				1	0.0193 m ³ 0.6800 ton	0.45 0.00	U-233 NP	U-235 NP	Pu NP		NP	PAGE 1 OF 1 PAGE(B)				
Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste				ACTIVITY (MBq/mCi) (LLD UNITS IN uCi/mg)										4. SHIPPER NAME		
				ALL NUCLEIDES		TRITIUM	C-14	Te-99	I-131	SOURCE			Blonomics, Inc. on behalf of Comprehensive M			
				Mbq	4199E+01	NP	NP	NP	NP	NP	NP	SHIPMENT ID NUMBER				
				mCi	3.8376E-01	NP	NP	NP	NP	NP	NP	08172020CHWIV				
5. DISPOSAL CONTAINER DESCRIPTION																
6. CONTAINER IDENTIFICATION NUMBER	7. CONTAINER DESCRIPTION (See Note 1 & 1A)	8. VOLUME m ³ B ¹	9. WASTE AND CONTAINER WEIGHT kg ton	10. SURFACE RADIATION LEVEL mSv/hr	11. SURFACE CONTAMINATION Bq/cm ² cps/100 cm ²		12. PHYSICAL DESCRIPTION			13. WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER		14. RADIOLOGICAL DESCRIPTION				15. WASTE CLASSIFICATION
					ALPHA	BETA-GAMMA	11. WASTE DESCRIPTION (See Note 2 & Note 2A)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER m ³ B ¹	13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3)	14. CHEMICAL DESCRIPTION	WEIGHT % CHELATING AGENT IF > 0.1%	15. INDIVIDUAL RADIONUCLIDES AND ACTIVITY AND CONTAINER TOTAL, OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT				
9. Packaging Container																
20-001488 (CMG-01)	4	0.0193	7.71	0.066	< 0.000000334	< 0.0000187	H 36	0.0193	100	SOLID OXIDES / NP	NP	BA-133	2.788E+05	4.6973E+00	1.269E-01	AU
Origin: MI		0.6800	0.01	5.6	< 20	< 1000		0.6800				CO-57	5.9584E+00	1.0000E-04	2.7027E-05	
Comprehensive Medical Group, PC												CS-137	5.8815E+05	9.5018E+00	2.986E-01	
4040 Linden Road												Sub Total	6.4604E+05	1.4188E+01	3.8376E-01	
Flint, MI 48907																
Package Type																
Shipment Total		0.0193	7.71											1.4188E+01	3.8376E-01	
		0.6800	0.01													

NOTE 1: Container Description Codes. For container description requiring disposal in approved container categories, the subcategory code must be followed by "GP".

1. Wooden Box or Crate	5. Drum/Drumlike
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Steel Drum or Pail	12. Unpackaged Concentrate
5. Steel Tank, 67 Liter	15. High Integrity Container
6. Carbonate Tank or Liner	16. Other: Describe in Item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

NOTE 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable)

A. Gasoline
B. Intermediate
C. Bulk-Liquid
D. Bulk-Solid
E. Bulk-Gas

NOTE 2: Waste Description Codes. (Check up to three waste subcategories by volume.)

20. Cement	22. Dissolution Residue	24. Flammable Solvents/Soliquid Concentrates
21. Incinerator Ash	23. Carbon (spent/unused) Media	25. Compressible Trunk
22. Soil	24. Ashes (non-incinerator) Media	26. Compressible Trunk
23. Gas	25. Sludges (non-incinerator) Media	27. Incompressible Trunk
24. Oil	26. Cemented/other Solidforms	28. Activated Carbon
25. Aqueous Liquid	27. Organic Liquid (benzene oil)	29. Biological Material (not-epi animal carcasses)
26. Filter Media	28. Oxidizers or Labwaste	30. Activated Material
27. Mechanical Filter	29. Sealed Source/Device	31. Dirty, Unusable in Item 11, or additional page
28. EPA or State Volatiles	30. Paper or Plastic	

NOTE 2A: Specific Waste Descriptions. (Choose all applicable codes.)

D. Depleted
H. Heavy
I. Composites
J. Non-composites
K. Air Filtration Filters
L. Activated

NOTE 3: Radionuclides and Substances Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site permitability requirements, the Material Code must be followed by "G" and the waste vessel and brand name must also be identified in Item 13. Code 999-None Reported

Subclassification	94. Vinyl Ester Resins
95. Cement	95. Other: Describe in Item 13, or additional page
96. Concrete (non-pneumated)	96. None Reported
97. Silicates	
98. Vinyl Chloride	

RADIOLOGY ASSOC.
1801 HARVEST LANE
BLOOMFIELD HILLS, MI
48302

RADIOLOGY ASSOC.
(248) 895-0218
THE UPS STORE #6647
STE L
2518 S TELEGRAPH RD
BLOOMFIELD TOWNSHIP, MI 48302-0241

1 LBS 1 OF 1
SHIP WT: 1 LBS
DATE: 31 AUG 2020

SHIP REGION III, OFFICE OF MATERIAL LICE
TO: US NUCLEAR REGULATORY COMMISSION
STE 210
2443 WARRENVILLE RD

LISLE IL 60532-4352

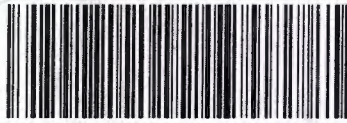


IL 603 9-03



UPS GROUND

TRACKING #: 1Z 872 0X6 03 1155 3511



BILLING: P/P

RECEIVED SEP 01 2020

104 13 000 22P 456 3, DV 07/2020

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UNITED STATES NUCLEAR REGULATORY COMMISSION
REGION III, OFFICE OF MATERIALS LICENSING
2443 WARRENVILLE ROAD
SUITE 210
LISLE, IL
60532-4352