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February 16, 2005

Licensing Assistant Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Control # 136127

License # 45-24960-01 03030324

To Whom It May Concern:

I hope this letter and accompanying NRC Form 314 provide the details you need to close out our radiation use license at Genetics & IVF Institute.

Preimplantation Genetic Diagnosis Laboratory (Microgenetics Laboratory), 3015 Williams Drive, Suite 100, Supervised by Gary L. Harton: This department used 32-P and 35-S. The last use was March 3, 2004, due to change in technology. The work area was verified to be free from contamination by survey meter and wipe test (dated 5/25/04), and made available for general use. Solid waste was removed as usual on May 4, 2004. All signs and labels indicating Radiation Area or Radioactive Material were removed. Personal dosimeters for the staff were discontinued the following month.

If you have any questions, please feel free to contact me.

Sincerely,



Gary L. Harton
Radiation Safety Officer
Laboratory Director
Preimplantation Genetic Diagnosis
703-698-3992

136127

NMSS/RGNI MATERIALS-002

(6-2004)
10 CFR 30.36(j)(1); 40.42(j)(1);
70.38(j)(1); and 72.54(j)(1)

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 Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-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.

CERTIFICATE OF DISPOSITION OF MATERIALS

LICENSEE NAME AND ADDRESS

Genetics & IVF Institute
3020 Javier Rd
Fairfax, VA 22031

LICENSE NUMBER

45-24960-01

DOCKET NUMBER Control #

136127

LICENSE EXPIRATION DATE

- This license has expired. **A. LICENSE STATUS (Check the appropriate box)**
 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: *Decay-In-Storage Program*
RSO Inc. Radioactive Mat. License #MD 33-021-02
5204 Minnick Rd
Laurel, MD 20707
 - 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 <i>Gary Harton</i>	TITLE <i>RSO / Laboratory Director</i>	TELEPHONE (include Area Code) <i>703-698-3992</i>	E-MAIL ADDRESS <i>gharton@ivf.com</i>
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Mail all future correspondence regarding this license to: *Same*

C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE

Gary Harton, RSO

SIGNATURE

Gary Harton

DATE

2/16/05

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.

To: RSO, Inc.
P.O. Box 1450
Laurel, MD 20725-1450
(301) 953-2482

From: ~~Maria Sanchez~~
~~Genetics & IVF Institute~~
~~3022 Javier Road~~
~~Fairfax VA 22031~~
~~(703) 876-3896~~

Date 5-26-04

The following series of wipe tests are enclosed. Please analyze them using RSO's procedure for biomedical research facilities which includes a gamma scan and a 3-channel liquid scintillation analysis.


DNA (aka Molecular Genetics) numbers _____ to _____

PGD numbers 41 to 50

Please send the results to the above address or fax to (703) 698-2181, Attention Maria.

From: RSO, Inc.
P.O. Box 1450
Laurel, MD 20725 - 1450

Attached are the surveys as described above. Standard procedures were used to analyze the samples provided to RSO, Inc. The minimum detectable activity was estimated at less than 50 dpm per sample (beta emitters) for the LSC analysis. Results of less than 100 dpm are reported as <100 dpm. Results have been recorded on the survey reports.



RSO, Inc. Date 6/1/04

For GIVF Use:
Received results via fax/ mail (circle one) on _____ by _____
Route this page and the pertinent data page to: ___ Molec. Gen ___ PDG
Route this page to AP ___. Distribution of this completed form to Purchasing signifies completion of the contracted services for the above date. The PO for this annual contract for 2003 is 5004707.

RSO, Inc.

Local 24-hour Emergency Number (301) 953-4997

Decay-In-Storage Program

Shipment Record & Transfer Manifest

DOT Emergency Response Telephone Number CHEM-TREC: 1-800-424-9300	Shipment Date: <u>5/4/04</u> Page 1 of <u>1</u> pages Shipment Number: <u>15530</u>
Generator: <u>Genetics & IVF Institute</u> Address: <u>3015 Williams Road</u> City: <u>Fairfax</u> State: <u>VA</u> Zip: <u>22031</u> Contact: <u>Craig Jennings</u> Telephone: <u>(703) 693-3982</u>	Single Consignor Consignee & Carrier: <u>RSO, Inc. Radioactive Material License # MD 33-021-02</u> Address: <u>5204 Minnick Road</u> City: <u>Laurel</u> State: <u>Maryland</u> Zip: <u>20707</u> Contact: <u>David E. Wellner, Manager Radioactive Materials</u> Telephone: <u>(301) 953-2482 or (410) 792-7444</u>

SHIPMENT TOTALS

Quantity	HM	U.S. Department of Transportation Description (Including proper shipping name, hazard class, UN ID number)	DOT Label Radioactive	Physical Form	Individual Radionuclides	Activity MBq	LSA SCO Class	Weight (lbs.)	Customer Number(s)
		Radioactive Material, L.S.A., n.o.s., 7, UN2912	N/A				LSA II		
<u>1</u>	<u>A</u>	Radioactive Material Limited Quantity, n.o.s., 7, UN2910	N/A	<u>Solid</u>	<u>P-32</u>	<u>0.125</u>	N/A	<u>5</u>	<u>1</u>

INDIVIDUAL CONTAINER AND WASTE DESCRIPTIONS

RSO Number	Customer Number	RQ	Container Type	Volume (cu. ft.)	Weight (lbs.)	Form	Physical Description	Radionuclide	Activity (MBq)	Radiation Level	
										Surface	At 1m
<u>20330</u>	<u>1</u>		<u>Box</u>	<u>13</u>		<u>Solid</u>	<u>Label</u>	<u>P-32</u>	<u>0.125</u>	<u>0.02</u>	<u>0.02</u>
								<u>S-35</u>	<u>0.125</u>		

This is an Exclusive Use Shipment Yes ___ No

Vehicle Placards Required Yes ___ No

Generator Certification: All information submitted in this document is true and accurate descriptions of the waste. There are no wastes defined as hazardous wastes (40CFR part 261) or etiological agents (biological wastes). I understand that if the waste received by RSO, Inc. is non-conforming to the above, additional handling/disposal charges may be incurred and the wastes may be returned to the generator (F.O.B. - Generator) Unless otherwise noted this waste is for Decay-In-Storage at RSO, Inc. and Incineration at American Waste Industries Inc.

Shipper Certification: This is to certify that the materials named in this manifest are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to applicable regulations of the Department of Transportation, and are in compliance with all applicable regulations of the Environmental Protection Agency, Nuclear Regulatory Commission, or equivalent State Regulations. RSO, Inc. acknowledges receipt of this material.

X	<u>[Signature]</u>	<u>Supervisor</u>	<u>5-4-04</u>	<u>[Signature]</u>	<u>Technician</u>	<u>5-4-04</u>
Authorized Signature	Title	Date	Date	Authorized Signature	Title	Date