

# BARON CONSULTING CO.

HARRY AGAHIGIAN, Ph.D., DIRECTOR

analytical services

P.O. Box 3337, MILFORD, CT 06460

January 17, 2013

Mr. Tom Thompson  
U.S. Nuclear Regulatory Commission  
Mail Control #~~579268~~ 579807  
Region I DNMS *new*  
2100 Renaissance Blvd., Suite 100  
King of Prussia, PA 19406-2713

P7  
03013146

RE: Application for Materials License  
License No. 06-17669-01

Enclosed please find NRC Form 313 "Application for Materials License".

Also enclosed are recent correspondences that have amended the license and that all future license activity will be conducted out of 181 Research Drive, Milford, CT 06460.

Please contact me if you have any questions or wish more information.

REC'D IN LAT 1-17-13

BALO/law

*Barbara Obert*

Barbara Obert  
Laboratory Manager

cc: Steven Courtemanche  
Region I DNMS  
Attention Licensing Assistance Team  
2100 Renaissance Blvd., Suite 100  
King of Prussia, PA 19406-2713

579807  
NMSS/RGN1 MATERIALS-002

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NOT RESPONSIBLE FOR SAMPLES LEFT OVER 30 DAYS AFTER RECEIPT OF REPORT.  
Connecticut Public Health Laboratory No. 0440 EPA Number CT015

**5. Radioactive Material**

- a. Element and mass number
- b. Chemical and/or physical form, and
- c. Maximum amount which will be possessed at any one time

A.	Type of License	Manufacture Date	Last Date Tested	M Ci	Type (a)	Model	Serial #
	General	9/82	7/27/10	15	Ni 63	330119	2721
	General	5/05	7/27/10	15	Ni 63	N610-01	4903
	General	9/97	9/12/03	15	Ni 63	N610-0133	2628
	General	Unknown	9/12/03	15	Ni 63	ECD	SS 206
	General	Unknown	9/12/03	10	Ni 63	ECD	SS 662
	General	5/78	9/12/03	10	Ni 63	ECD	280
	General	2/82	9/12/03	15	Ni 63	ECD 3300119	2435
	General	Unknown	9/12/03	10	Ni 63	ECD	SS524
	General	Unknown	9/12/03	10	Ni 63	ECD	S-125
	General	4/99	7/27/12	0.5 M Ci	Po 210	24500	APR 99
B.	Specific	Unknown	1/13/13	15	Ni 63	ECD	5182
	Specific	Unknown	1/13/13	15	Ni 63	ECD	F2981

**6. Purpose(s) For Which Licensed Material Will Be Used**

- A. The above or not in use at this time. Baron Consulting Company is in the process of trying to dispose of these and has requested a stand-by license for these.
- B. Contained in GC-ECD detectors on working instruments
  1. HP5890-Model G1223A Serial #2-F2981
  2. Perkin Elmer Auto System XL-Model N610-0133 Serial #5182

Requested a stand-by license amendment on 12/19/12 for the material listed in Section A above.

7. Individual(s) Responsible For Radiation Safety Program and Their Training Experience  
Barbara A.L. Obert – B.S. Chemistry, 39 years laboratory experience  
Harry Agahigian – Ph.D. Chemistry, laboratory owner/director
8. Training For Individuals Working In Or Frequenting Restricted Areas  
Not applicable – GC-ECD's are in instrument
9. Facilities and Equipment: Analytical Chemical Laboratory  
2 GC-FID instruments as well as many other assorted non-nuclear analytical instruments
10. Radiation Safety Program  
ECD's in use are swipe tested every 6 months, January/July  
ECD's waiting for disposal are swipe tested every 10 years
11. Waste Management  
There is no waste. The obsolete ECD's are securely stored until they are able to be disposed of.

NRC FORM 313

(05-2012)

10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3160-0120

EXPIRES: (05/31/2015)

## APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. 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](mailto:InfoCollects.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

## APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND  
ENVIRONMENTAL MANAGEMENT PROGRAMS  
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

## ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

## IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA,  
KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY,  
NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH  
CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,

## SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

## IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,  
SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
Lisle, IL 60532-4952

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,  
LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH  
DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS,  
UTAH, WASHINGTON, OR WYOMING,

## SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
1800 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

**PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.**

## 1. THIS IS AN APPLICATION FOR (Check appropriate item)

☐ A. NEW LICENSE

☐ B. AMENDMENT TO LICENSE NUMBER

☒ C. RENEWAL OF LICENSE NUMBER 06-17669-01

## 2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Baron Consulting Company  
273 Pepes Farm Road, Milford, CT 06460 until January 31, 2013  
181 Research Drive, Milford, CT 06460 after January 31, 2013

## 3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

273 Pepes Farm Road, Milford, CT. 06460  
Before January 17, 2013  
181 Research Drive, Milford, CT 06460  
After January 17, 2013

## 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Harry Agahigian, Ph. D. /Barbara A.L. Obert

## BUSINESS TELEPHONE NUMBER

(203) 874-5678

## BUSINESS CELLULAR TELEPHONE NUMBER

None

## BUSINESS EMAIL ADDRESS

[analyze@baronconsulting.com](mailto:analyze@baronconsulting.com)

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

## 5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

## 6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

## 7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

## 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

## 9. FACILITIES AND EQUIPMENT.

## 10. RADIATION SAFETY PROGRAM.

## 11. WASTE MANAGEMENT.

## 12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 3810

AMOUNT ENCLOSED \$ To Follow

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 38, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.  
WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

## CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Dr. Harry Agahigian, Owner, Director

## SIGNATURE

*Harry Agahigian*

## DATE

1/17/13

## FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		

## APPROVED BY

## DATE

NRC FORM 313 (05-2012)

# BARON CONSULTING CO.

HARRY AGAHIGIAN, Ph.D., DIRECTOR

analytical services

P.O. Box 3337, MILFORD, CT 06460

January 8, 2013

Mr. Tom Thompson  
U.S. Nuclear Regulatory Commission  
Mail Control #579268  
Region I  
21 Renaissance Blvd.  
King of Prussia, PA 19406

RE: Amendment to NRC License  
License No. 06-17669-01

This letter is to request changes to the NRC License No. 06-17669-01. As per our telephone conversation on 1/7/2013, Baron Consulting Company is requesting that 181 Research Drive Units 1-4, Milford, CT 06460 be added to the license.

The material will be locked in secure storage with limited access, Area 1, until it is properly disposed of.

Please remove the current address of 273 Pepe's Farm Road, Milford, CT 06460 from the records as of 1/31/2013.

Please review the information and contact me if you have any questions or wish more information.

BALO/law



Barbara Obert  
Laboratory Manager

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We do not accept any liability concerning the use of these results.

NOT RESPONSIBLE FOR SAMPLES LEFT OVER 30 DAYS AFTER RECEIPT OF REPORT.

No. 8666 P. 6/7

Connecticut Public Health Laboratory  
Baron Consulting  
Jan. 17, 2013 2:00PM

# **BARON CONSULTING CO.**

HARRY AGAHIGIAN, Ph.D., DIRECTOR

**analytical services**

P.O. Box 3337, MILFORD, CT 06460

December 19, 2012

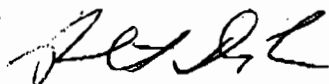
Mr. Tom Thompson  
U.S. Nuclear Regulatory Commission  
Mail Control #579268  
Washington, DC 20555

RE: Amendment to NRC License  
License No. 06-17669-01

This letter is to request changes to the NRC License No. 06-17669-01. As per our telephone conversation on 12/13/12, Baron Consulting Company is requesting that the license is put on stand-by until we can get rid of the ECD detectors that are not in use. Baron Consulting Company does not plan to use them and is in the process of arranging for proper disposal of them.

Please review the data and contact me if you have any questions or wish more information.

BALO/dc  
Reviewed by:



Barbara Obert  
Laboratory Manager

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Connecticut Public Health Laboratory No. 0440 EPA Number CT015

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

1-17-13, and to inform you that the initial processing which includes an administrative review has been performed.

☒ *Renewal: 06-17669-01*  
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** 579807.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.