Integrated Analytical Laboratories, LLC.
273 Franklin Road, Randolph, NJ 07869
Phone 973-361-4252
Fax 973-989-5288

Integrated Analytical Laboratories LLC

Facsimile Transmittal

Date: November 19, 2002

To:	**Steve Courtemanche**	From:	Regina Ramsay
Company:	Nuclear Regulatory Commission	CC:	Michael Leftin
Fax:	610-337-5269		
Re:	NRC Materials		
Pages:	3		

As per our phone conversation of November 13, 2002, I would like to offer the following information. Integrated Analytical Laboratories, LLC. (IAL) currently have the following dual ECD detectors in use at our facility. The detectors are linked together in the pairs as indicated:
Varian A8259 & Varian A8258
Hewlett Packard F1904 & Hewlett Packard K6257
Agilent U4289 & Agilent U4232
Agilent U2523 & Agilent U0935
Agilent U2290 & Agilent U2289

Leak test results are attached for the Varian A8259 &A8258 and the Hewlett Packard F1904 & Hewlett Packard K6257. New leak tests for all of the IAL detectors are currently in process and are not yet available.

It was my understanding from a conversation with the NRC that the leak testing only had to be performed every three years. It was not until my conversation with you, that we became aware of the need to leak test the Agilent detectors every six months. This requirement will be instituted immediately as per Michael Leftin, the IAL Radiation Safety Officer/ Laboratory Director.

We have only one instrument which has a sticker affixed to the outside with the statement "The electron capture device installed in this gas chromatograph contains radio active material which is packaged in conformance with the conditions and limitations specified in 49 CFR 173.422 for excepted radioactive materials, instruments and articles UN2911". Our other instruments do not have this sticker.

The current poster displayed for the "Notice To Employees" (NRC Form 3) is dated 9/1998.
Item #15 of the License for regarding physical inventory of the sources is documented whenever the instrument is used, usually daily. IAL analysts use the instruments containing the ECD detectors usually everyday, but no less than once per week. The instrument ID number is documented on the instrument log sheet for each run sequence.

Please contact Dr. Leftin or me, if you need additional information.

Regina Ramsay
QA Officer

NATIONAL LEAK TEST CENTER

NLTC Industries, Inc.
P.O. Box 1480, N. Tonawanda, NY 14120
Phone 716-693-0550 TIN 16-1234141

DATE: 1/10/2002

INVOICE NO. 28152

CUSTOMER NUMBER: 10694

PURCHASE ORDER: 5487

SHIP TO:
MS CHRISTINE HIEMER
GC DEPT SUPERVISOR
INTEGRATED ANALYTICAL LABS
273 FRANKLIN RD
RANDOLPH NJ 07869

BILL TO:
ACCTS PAYABLE
GC DEPT SUPERVISOR
INTEGRATED ANALYTICAL LABS
273 FRANKLIN RD
RANDOLPH NJ 07869

DESCRIPTION	QUANTITY	PRICE	EXTENSION	TOTAL DUE
NI-63 LEAK TEST	2	$50.00	$100.00	
		Sales Tax	$0.00	$100.00

* * LEAK TEST CERTIFICATE * *

NUMBER OF SAMPLES: 6

TEST METHOD: DRY WIPE

RADIONUCLIDE AS IDENTIFIED BY CUSTOMER IS NICKEL-63

ANALYSED FOR BETA CONTAMINATION USING WINDOWLESS PROPORTIONAL COUNTER

SAMPLES TAKEN BY CUSTOMER

ANALYSED BY L KEATING

* * TEST RESULTS * *

DEVICE I D	SAMPLE I D	MICROCURIES/SAMPLE	PASS/FAIL
Agilent s/n K6257	Entrance	< 16 x 10E-6	PASS
Agilent s/n K6257	Housing	< 16 x 10E-6	PASS
Agilent s/n K6257	Exit	< 16 x 10E-6	PASS
Agilent s/n G1904	Entrance	< 16 x 10E-6	PASS
Agilent s/n G1904	Housing	< 16 x 10E-6	PASS
Agilent s/n G1904	Exit	< 16 x 10E-6	PASS

LIMIT IS 5000 x 10E-6 MICROCURIES PER DEVICE

TESTED UNDER NYS DOL LICENSE #2323-3164

DATE: 1/10/2002

SIGNED BY
HEALTH PHYSICIST

NATIONAL LEAK TEST CENTER

NLTC Industries, Inc.
P.O. Box 1480, N. Tonawanda, NY 14120
Phone 716-693-0550 TIN 16-1234141

INVOICE NO. 22784

DATE: 1/19/1999

PURCHASE ORDER: 3625

CUSTOMER NUMBER: 10694

SHIP TO:
MS CHRISTINE HIEMER
GC DEPT SUPERVISOR
INTEGRATED ANALYTICAL LABS
273 FRANKLIN RD
RANDOLPH NJ 07869

BILL TO:
ACCTS PAYABLE
GC DEPT SUPERVISOR
INTEGRATED ANALYTICAL LABS
273 FRANKLIN RD
RANDOLPH NJ 07869

DESCRIPTION	QUANTITY	PRICE	EXTENSION	TOTAL DUE
NI-63 LEAK TEST	2	$50.00	$100.00	
		Sales Tax	$0.00	$100.00

* * LEAK TEST CERTIFICATE * *

NUMBER OF SAMPLES: 6

TEST METHOD: DRY WIPE

RADIONUCLIDE AS IDENTIFIED BY CUSTOMER IS NICKEL-63

ANALYSED FOR BETA CONTAMINATION USING WINDOWLESS PROPORTIONAL COUNTER

SAMPLES TAKEN BY CUSTOMER

ANALYSED BY L KEATING

* * TEST RESULTS * *

DEVICE I D	SAMPLE I D	MICROCURIES/SAMPLE	PASS/FAIL
Varian s/n A8259	Entrance	< 15 x 10E-6	PASS
Varian s/n A8259	Housing	< 15 x 10E-6	PASS
Varian s/n A8259	Exit	< 15 x 10E-6	PASS
Varian s/n A8258	Entrance	< 15 x 10E-6	PASS
Varian s/n A8258	Housing	< 15 x 10E-6	PASS
Varian s/n A8258	Exit	< 15 x 10E-6	PASS

LIMIT IS 5000 x 10E-6 MICROCURIES PER DEVICE

TESTED UNDER NYS DOL LICENSE #2323-3164

DATE: 1/19/1999

SIGNED BY _____ HEALTH PHYSICIST