



Eaton Analytical

December 2, 2015

Director, Office of Nuclear Material Safety and Safeguards
Attn: GLTS
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

RE: Notice of Lost Electron Capture Detector (ECD) Report

Eurofins Eaton Analytical, Inc., (EEA) located at 110 South Hill Street, South Bend, IN 46617 is reporting a lost ECD serial# B798 that was listed under the General License GL-638703 held by MAS Technologies.

A notice to the NRC was sent on November 25, 2015 stating that the devices under General License GL-638703 was transferred to EEA located at 110 South Hill Street, South Bend, Indiana 46617. At this time it was brought to our attention by Hector Rodriguez-Luccioni, of the Material Safety Licensing Branch, that ECD, Serial# B798 should be in our possession. After a thorough search of the facility and records we could not locate ECD B798.

I called the NRC Operations Center at (301)-816-5100 and reported the lost ECD on 12-2-2015.

Written report in accordance to 10 CFR 20.2201.

- (i) Lost device ECD, Serial# B798, Model# 02-0001972-00, isotope ^{63}Ni , activity 15 mCi, was manufactured by Varian Associates, Inc.
- (ii) Was not located in a recent inventory check.
- (iii) The ECD was more than likely returned to Varian for disposal before 2008.
- (iv) No known exposures have been reported from this ECD at this time.
- (v) We performed a thorough search of the facility and in-house records. In addition we attempted to contact Varian. In 2010 Varian was sold off to Agilent and Buker Corp. Buker Corp then sold off their portion of Varian Gas Chromatography equipment to Scion in 2014. All three companies were contacted in order to determine who currently holds the Varian ECD records. None of the companies contacted claimed to hold the records.
- (vi) We now maintain a list of ECDs showing each ECD location. The list is maintained by the laboratory and monitored by the RSO. See current active list.

If you have any questions, please do not hesitate to contact me directly.

Sincerely,

Dale Piechocki
Quality Assurance Officer/Safety Officer/ RSO
DalePiechocki@eurofinsUS.com
(574) 472-5523

Enclosures: ECD active list.

ECD INVENTORY

Eurofins Eaton Analytical, Inc.

RSO : Dale Piechocki

110 South Hill Street

Updated by : Jennifer Morse-Voros

South Bend, IN 46617

Item #	ECD Serial No	Location	System ID (ECD Model No)	Manufacturer	Isotope	Activity Per ECD (mCi)	Leak Test Vendor	Frequency	Analysis Type	Replacement or Repairs conducted by	Most Recent Leaktest Done on	Leak Check Due
1	RH746	GC-O Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
2	A13013	GC-O Middle	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	1/16/2014	1/16/2017
3	A12308	GC-AR Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
4	n/a	GC-AR Middle	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
5	RH128	GC-AY Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	9/23/2014	9/23/2017
6	A11641	GC-AY Middle	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	9/23/2014	9/23/2017
7	SG614	GC-BF Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
8	SG613	GC-BF Middle	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
9	A13046	GC-BN Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	5/6/2015	5/6/2018
10	A11347	GC-BN Middle	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	1/16/2014	1/16/2017
11	A13014	GC-BP Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
12	A11555	GC-BP Middle	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	1/16/2014	1/16/2017
13	SG612	GC-BS Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/25/2015	2/25/2018
14	RG991	GC-BS Middle	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/25/2015	2/25/2018
15	A11556	GC-BT Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	7/16/2013	7/16/2016
16	A15162	GC-CP Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
17	A15163	GC-CP Middle	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
18	RH757	GC-PW3 Front	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	1/16/2014	1/16/2017
19	A12309	GC-PW3 Middle	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	7/16/2013	7/16/2016
20	A11643	Storage Needs Re-foil	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	1/16/2014	1/16/2017
21	RM151	Storage Needs Re-foil	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
22	A12648	**Out for service	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	1/16/2014	1/16/2017
23	A13047	Storage Needs Re-foil	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	2/10/2015	2/10/2018
24	A13423	Storage	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	5/6/2015	5/6/2018
25	A12987	**Out for service	02-0001972-00	Varian	63Ni	15	*MGA	3 Years	swipe	**FSA	1/16/2014	1/16/2017
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27		* Mitchel S Galanek & Associates, Inc										
28		** Full Spectrum Analytics, Inc										
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