

From: [John Kirby](#)
To: [Lawyer, Dennis](#)
Cc: [John Griggs](#); [Michael Clark](#)
Subject: RE: New NRC License does not allow for sources or standards above Atomic # 83.....
Date: Thursday, October 04, 2012 3:45:16 PM
Attachments: [NRC License Mistake.pdf](#)

Dennis,

Thanks for new license, but I see something else that is a problem.
Part 8A ...see condition 13.
That should say see condition 12.

On this license condition 11 is now a two part with an A and B statement
On the old license A was 11 and B was 12.

On the new license condition 13 says: The licensee shall not use licensed material in or on human beings.

(See attached file: NRC License Mistake.pdf)

I do not see any other problems.

John Kirby
Office: (334) 270 3439
Safety Health Environmental Manager
U.S. EPA
National Air Radiation Environmental Laboratory
Montgomery, AL

▼ "Lawyer, Dennis" ---10/04/2012 05:42:37 AM---Mr. Kirby, Sorry, my boss didn't like the transmittal letter and she has to sign it. I made the cor

From: "Lawyer, Dennis" <Dennis.Lawyer@nrc.gov>
To: John Kirby/MTG/USEPA/US@EPA
Date: 10/04/2012 05:42 AM
Subject: RE: New NRC License does not allow for sources or standards above Atomic # 83.....

Mr. Kirby,

Sorry, my boss didn't like the transmittal letter and she has to sign it. I made the corrections and given it back to her to sign. You should get it this week. I have requested for it to be faxed to you.

From: John Kirby [<mailto:Kirby.John@epamail.epa.gov>]
Sent: Wednesday, October 03, 2012 10:00 AM
To: Lawyer, Dennis
Subject: RE: New NRC License does not allow for sources or standards above Atomic # 83.....

Dennis,

When can we expect the corrected license?
You can fax it to: (334) 270 3454
or scan an email it back to me.

Thanks,

John Kirby
Office: (334) 270 3439
Safety Health Environmental Manager
U.S. EPA
National Air Radiation Environmental Laboratory
Montgomery, AL

▼ "Lawyer, Dennis" ---10/01/2012 11:50:46 AM---Do you need the corrected copy faxed to you when completed, or just send regular mail? If you want

From: "Lawyer, Dennis" <Dennis.Lawyer@nrc.gov>
To: John Kirby/MTG/USEPA/US@EPA
Date: 10/01/2012 11:50 AM
Subject: RE: New NRC License does not allow for sources or standards above Atomic # 83.....

Do you need the corrected copy faxed to you when completed, or just send regular mail? If you want faxed, please send me the fax number.

I have drafted the completed copy, so hopefully completed today or tomorrow.

Dennis

From: John Kirby [<mailto:Kirby.John@epamail.epa.gov>]
Sent: Monday, October 01, 2012 11:51 AM
To: Lawyer, Dennis
Subject: RE: New NRC License does not allow for sources or standards above Atomic # 83.....

Dennis,

I am not aware of any other mistakes, so please send us a new copy.

Thanks,

John Kirby
Office: (334) 270 3439
Safety Health Environmental Manager
U.S. EPA
National Air Radiation Environmental Laboratory
Montgomery, AL

▼ "Lawyer, Dennis" ---10/01/2012 10:41:21 AM---Mr. Kirby, I looked over the application and additional letters, this appears to be my error. Was t

From: "Lawyer, Dennis" <Dennis.Lawyer@nrc.gov>
To: John Kirby/MTG/USEPA/US@EPA
Date: 10/01/2012 10:41 AM
Subject: RE: New NRC License does not allow for sources or standards above Atomic # 83.....

Mr. Kirby,

I looked over the application and additional letters, this appears to be my error. Was there any other item that was incorrect? If not, I will send you a corrected copy. My apologies for any problems due to my error.

Dennis Lawyer
Health Physicist
U.S. Nuclear Regulatory Commission
Division of Nuclear Material Safety
610-337-5366
610-337-5269 (F)

From: John Kirby [<mailto:Kirby.John@epamail.epa.gov>]
Sent: Monday, October 01, 2012 11:19 AM
To: Lawyer, Dennis
Cc: John Griggs; Erik Nielsen
Subject: Re: New NRC License does not allow for sources or standards above Atomic # 83.....

(See attached file: NRC License_Amendment 49.pdf)

Dennis,

In part 6A of our license, why did the number change from 96 to 83?

John Kirby
Office: (334) 270 3439
Safety Health Environmental Manager
U.S. EPA
National Air Radiation Environmental Laboratory
Montgomery, AL

▼ Erik Nielsen---10/01/2012 10:14:01 AM---I just received this disturbing email from our source supplier. Our old license had Item A included

From: Erik Nielsen/MTG/USEPA/US
To: Larry Lee/MTG/USEPA/US@EPA, Sam Poppell/MTG/USEPA/US@EPA, John Kirby/MTG/USEPA/US@EPA, Mary Wisdom/MTG/USEPA/US@EPA
Cc: Robert Lowry/MTG/USEPA/US@EPA, John Griggs/MTG/USEPA/US@EPA, Keith McCroan/MTG/USEPA/US@EPA
Date: 10/01/2012 10:14 AM
Subject: New NRC License does not allow for sources or standards above Atomic # 83.....

I just received this disturbing email from our source supplier.

Our old license had Item A included atomic numbers through 96.....the new one only 83.

This means we cannot order calibration standards or solutions containing Neptunium, Plutonium, Americium or Curium. and those sources and standards we currently have are OUTSIDE our new license.

The biggest problem is that item C is limited to contaminated soil and mill tailings.

[attachment "NRC License_Amendment 49.pdf" deleted by John Kirby/MTG/USEPA/US]

Erik C. Nielsen
Health Physicist
USEPA, National Air and Radiation Environmental Laboratory
540 South Morris Ave.
Montgomery, AL 36115
Phone 334-270-3475
Fax 334-270-3454

"A human being should be able to change a diaper, plan an invasion, butcher a hog, conn a ship, design a building, write a sonnet, balance accounts, build a wall, set a bone, comfort the dying, take orders, give orders, cooperate, act alone, solve equations, analyze a new problem, pitch manure, program a computer, cook a tasty meal, fight efficiently, die gallantly. Specialization is for insects."

— Robert Heinlein, [Time Enough for Love](#)

----- Forwarded by Erik Nielsen/MTG/USEPA/US on 10/01/2012 10:05 AM -----

From: "Debra Paul" <debra.paul@ezag.com>
To: Erik Nielsen/MTG/USEPA/US@EPA
Cc: Catherine Douglas/MTG/USEPA/US@EPA
Date: 10/01/2012 08:03 AM
Subject: RE: PO EP-12-M-000030

Dear Erik,

I'm sorry, but your new license (01-07317-01 AMD 49) does not allow for Am-241 in your standards. If you would like to receive your standards without Am-241, then we will need to do a new quote and receive an amended PO with new prices. Please advise how you would like for us to proceed.

Debra

From: Erik Nielsen [<mailto:Nielsen.Erik@epamail.epa.gov>]
Sent: Friday, September 28, 2012 5:29 PM

To: Debra Paul
Cc: Catherine Douglas
Subject: Re: PO EP-12-M-000030

Debra,

- 1, License has been renewed....you should receive a copy shortly.
2. My mistake on the jar size....they are all 16 oz jars though one of the soil equivalents should only be 1/2 filled.
3. We originally thought this PO would be approved for the July batch...that date wasn't change after the delay in processing at our end. Please fill with October batch. We have obligated the money so the November ship date is acceptable.
4. I think this is to indicate that the cartridge needs to be sealed in mylar/polyethelyen/polypropolene to avoid and leakage of charcol from the cartridge.
5. GA-MA makes these models...will correct on next order.
6. 450 ml water standard is better at 2 uCi than the 3 uCiit is a pretty high efficiency geometry for us 8-}

Erik C. Nielsen
Health Physicist
USEPA, National Air and Radiation Environmental Laboratory
540 South Morris Ave.
Montgomery, AL 36115
Phone 334-270-3475
Fax 334-270-3454

"A human being should be able to change a diaper, plan an invasion, butcher a hog, conn a ship, design a building, write a sonnet, balance accounts, build a wall, set a bone, comfort the dying, take orders, give orders, cooperate, act alone, solve equations, analyze a new problem, pitch manure, program a computer, cook a tasty meal, fight efficiently, die gallantly. Specialization is for insects."

— Robert Heinlein, [Time Enough for Love](#)

From: "Debra Paul" <debra.paul@ezag.com>
To: Erik Nielsen/MTG/USEPA/US@EPA
Cc: Catherine Douglas/MTG/USEPA/US@EPA
Date: 09/28/2012 04:00 PM
Subject: PO EP-12-M-000030

Dear Erik,

1. Do you have a new Radioactive Materials License yet? The one we have on file is expired, and we have a timely renewal letter from March 2012.
2. The PO says "8 ounce HDPE jar" for PO Line items 2, 3, 9, and 11. However, you sent 16 ounce HDPE jars. Do you want us to use what you sent?
3. The delivery date on the PO is 04 Sep 12. The estimated ship date is 09 Nov 12. This order will be filled from our October Batch.
4. Item #6 on the PO is a charcoal cartridge. It asks for a mylar cover. Our charcoal cartridge standards do not

have a mylar cover.

5. The PO indicates that the 133N and 433N beakers are made by F&J. They are actually made by GA-MA and Associates.

6. Item 9 on the PO is a 450mL water equivalent solid in an HDPE Alpha jar at 3uCi. On the Quote (6986 EZA) and in your previous order (from August 2011), this item was made at 2uCi. Do you want 2uCi or 3uCi?

Your order is on hold until we hear from you so please respond as soon as possible.

Debra Paul
Customer Service Representative Isotrak
Eckert & Ziegler Analytics
1380 Seaboard Industrial Blvd.
Atlanta, GA 30318
Tel. 404-425-5014; Fax 404-352-2837;
analytics@ezag.com; www.ezag.com

Our business hours are 8:00 am - 5:00 pm EST. Please send all purchase orders to analytics@ezag.com.

Important Message for our Customers

The customer service team for our Isotrak product line is located at Eckert & Ziegler Analytics, Atlanta, GA. The Isotrak product line includes all Reference and Calibration Products manufactured at E&Z Isotope Products in Valencia, E&Z Analytics in Atlanta, and E&Z Nuclitec GmbH in Braunschweig, Germany.