

Br. 2

From: Vice, Michael <Michael.Vice@fema.dhs.gov>
Sent: Wednesday, December 03, 2014 9:45 AM
To: Ullrich, Elizabeth
Cc: Blandamer, John; Bush, Bruce; Greene, Bruce
Subject: RE: License Modification to Change Alternate RSO
Attachments: Alternate RSO Retirement - Authorized User Addition Memo (12-3-14).pdf; Blandamer Training Certificates.pdf; CDP Radiation License (11-25-08)(Signed).pdf

01-31331-01
030-37827

See attached: 3

Ms. Ullrich,

Please review the attached documents in regards to the retirement of our alternate RSO and the appointment of our new alternate RSO and authorized user. Please let me know if any additional information is required.

Thank you for your continued assistance with our NRC license.

Michael Vice
Assistant Director, Infrastructure
Center for Domestic Preparedness
Federal Emergency Management Agency (FEMA)
U.S. Department of Homeland Security
P.O. Box 5100, 61 Responder Drive
Anniston, AL 36205
Office: (256) 847-2266
Cell: (256) 310-6346
Website: <http://cdp.dhs.gov>
www.facebook.com/cdpfema

From: Ullrich, Elizabeth [<mailto:Elizabeth.Ullrich@nrc.gov>]
Sent: Wednesday, October 15, 2014 8:30 AM
To: Vice, Michael
Cc: Blandamer, John
Subject: RE: License Modification to Change Alternate RSO

This is not something you really need to worry about with respect to alternate RSO. We do not currently list alternate RSOs on the license, so the new individual will be listed only as an authorized user. You should send a letter with the qualifications of the new individual to be added as an authorized user to the license, and requesting that the current individual be removed from the license.

It is a good practice to have an alternate RSO, even though we are not listing them on the license at this time.

Betsy

Betsy Ullrich, Senior Health Physicist
Commercial, Industrial, R&D and Academic Branch
Division of Nuclear Materials Safety

REC'D IN LAT 12/16/2014

585568

US NRC Region I Office
(610) 337-5040 (office)
(484) 919-8348 (cell)
Elizabeth.Ullrich@nrc.gov

From: Vice, Michael [<mailto:Michael.Vice@fema.dhs.gov>]
Sent: Wednesday, October 15, 2014 9:16 AM
To: Ullrich, Elizabeth
Cc: Blandamer, John
Subject: License Modification to Change Alternate RSO

Reference: License number 01-31331-01
Docket No. 03037827

Morning Ms. Ulrich,

I am contacting you to identify the proper procedure for submitting a modification request to our NRC license. Our current alternate RSO, John Nicodemus, is retiring at the end of the year and we need to add a new alternate, John Blandamer.

I have Mr. Blandamer's RSO training records and a resume of his work experience as an RSO in his previous employment. Please advise as to the proper format to submit a modification request.

Thank you as always and have a good day.

Michael Vice
Assistant Director, Infrastructure
Center for Domestic Preparedness
Federal Emergency Management Agency (FEMA)
U.S. Department of Homeland Security
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Anniston, AL 36205
Office: (256) 847-2266
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www.facebook.com/cdpfema



FEMA

December 3, 2014

MEMORANDUM FOR: Betsy Ullrich
Senior Health Physicist
Commercial, Industrial, R&D and Academic Branch
US NRC Region I

FROM: Michael Vice *MV 12/3/14*
CDP Radiation Safety Officer (RSO)
CDP Safety and Occupational Health Manager

SUBJECT: Alternate RSO Retirement – John Nicodemus
Authorized User Designation – John Blandamer

This memorandum is in reference to NRC license number 01-31331-01, docket number 03037827. I am writing to inform that Mr. John Nicodemus will be retiring effective January 1, 2015 and will no longer be the alternate RSO or an authorized user in association with this license.

I am also requesting that Mr. John Blandamer be listed as an authorized user for this license. Mr. Blandamer will also serve as the alternate RSO for the CDP and this license. I have listed Mr. Blandamer's radiation work experience below and also attached his training certificates.

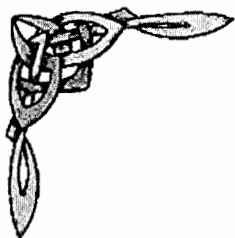
Mr. Blandamer has served as a RSO or alternate RSO in both private industry and government service since 1989.

During this twenty-five year period, Mr. Blandamer worked as a RSO for APTUS, a division of Westinghouse Electric; as a RSO for the U.S. Army Corps of Engineers at various locations including Iraq, Afghanistan, and the Pacific Ocean Division; and as the alternate RSO for U.S. Army Pacific. Mr. Blandamer is a Certified Health and Safety Manager (ISHM) and was a Certified Industrial Hygienist (CIH) from 1995 – 2002. Mr. Blandamer has a B.S. from Oklahoma State University, Utah State University, and an M.S. in Safety and Health from Columbia Southern University.

Mr. Blandamer has completed the following radiation safety courses:

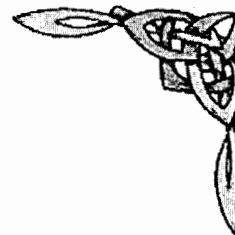
- Radiological Health and Safety (PHYX 450); Utah State University (Jan – May 1988)

- **Radiation Safety Officer Course; U.S. Army TACOM (20 Jan 2012)**
- **Radiation Safety Officer with DOT Certification; Dade-Moeller Training Academy (15 Aug 2014)**



TACOM

Lethality, Survivability, Mobility and Sustainment for America's Army



~~~~~*will*~~~~~

Has Successfully Completed The

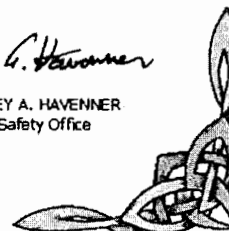
## TACOM-RI Radiation Safety Course

Completed: January 20, 2012



TANK AUTOMOTIVE AND ARMAMENTS COMMAND  
ROCK ISLAND, IL 61299-7630

*Jeffrey A. Havenner*  
JEFFREY A. HAVENNER  
Chief, Safety Office



Print

Exit Course

# Certificate of Training

Awarded To

**John Blandamer**

Recognizing completion of 5 days of specialized instruction in

**Radiation Safety Officer with DOT Certification**

**August 15, 2014**

Presented By

***Dade Moeller Training Academy***

4100 West Flamingo Road, Suite 2200 Las Vegas, Nevada 89103  
[www.moellerinc.com/academy](http://www.moellerinc.com/academy) -- 301-990-6006

ABIH Diplomates can claim this course for 40 hours in the IH CM Area.  
AAHP has awarded this course 32 Continuing Education Credits, 2011-00-021

*David Waite*

David Waite, Ph.D., CHP

*Judson Kenoyer*

Judson Kenoyer, MS, CHP, CIH



# Certificate of Training

This Certifies That

**John Blandamer**

has been trained, tested and successfully completed specialized instruction in

## **DOT, NRC, & IATA Requirements for Shipping and Receiving Radioactive Materials**

**August 15, 2014**

Presented By: **Judson Kenoyer, Instructor**

*Dade Moeller Training Academy*

438 N. Frederick Avenue, Suite 220, Gaithersburg, MD 20877  
www.moellerinc.com/academy -- 301-990-6006

Presented For: **CDP-FEMA-DHS**

Presented At: **Las Vegas, Nevada**

*Judson Kenoyer*

Judson Kenoyer, MS, CHP, CIH

This certifies that the employee named on this certificate has been trained and tested in accordance with the training requirements of 49 CFR 172, Subpart H.

*Shane Spence*  
\_\_\_\_\_  
Employer's Signature

This certificate is valid for 24 months for ICAO/IATA and for three years for U.S. Department of Transportation and U.S. Nuclear Regulatory Commission or Agreement State Agencies.

U.S. NUCLEAR REGULATORY COMMISSION

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

|                                                                                                                                                                                       |                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Licensee<br><br>1. Department of Homeland Security<br>Federal Emergency Management Agency<br>Center for Domestic Preparedness<br><br>2. 61 Responder Drive<br>Anniston, Alabama 36205 | 3. License number 01-31331-01<br><br>4. Expiration date November 30, 2018<br><br>5. Docket No. 030-37827<br>Reference No. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|

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|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6. Byproduct, source, and/or special nuclear material<br><br>A. Nickel 63<br><br>B. Cesium 137<br><br>C. Americium 241 | 7. Chemical and/or physical form<br><br>A. Sealed Sources<br>(Isotope Products Laboratory<br>Models NER-004, NER-004P,<br>and NER-004R; AEA<br>Technologies Models<br>MBCQ8681, NBC, and<br>NBC.34; Nuclear Research<br>Corporation Model N1001)<br><br>B. Sealed Sources<br>(Office of Civil Defense Model<br>OCD-S-104 manufactured by<br>Atomchem Corporation and/or<br>Nuclear Chicago)<br><br>C. Sealed Sources<br>(NRD Inc. Model A-001) | 8. Maximum amount that licensee may possess at any one time under this license<br><br>A. Not to exceed 15 millicuries per source and 2 curies total<br><br>B. 20 millicuries per source and 300 millicuries total<br><br>C. Not to exceed 0.25 millicuries per source and 18 millicuries total |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

9. Authorized use:

A. Teaching and training of students in Smiths Detection Model Nos. APD 2000 and ICAM Ion Mobility Spectrometer devices or Bruker Daltonics NBC Detection Corporation Model RAID-M Ion Mobility Spectrometer devices that have been registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with a Commission or Agreement State specific license authorizing distribution to persons specifically authorized by a Commission or Agreement State license to receive, possess, and use the devices.



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- B. Teaching and training of students; calibration and checking of the licensee's instruments.
- C. Teaching and training of students in Brunswick Defense Model M8A1 chemical agent detection devices that have been registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with a Commission or Agreement State specific license authorizing distribution to persons specifically authorized by a Commission or Agreement State license to receive, possess, and use the devices.

**CONDITIONS**

10. Licensed material may be used or stored at the licensee's facilities located at the Main Responder Training Complex, 61 Responder Drive, Anniston, Alabama; the Chemical, Ordnance, Biological, Radiological Training Facility (COBRATF), 801 Walt Philips Road, Anniston, Alabama; the Noble Training Facility (NTF), 490 Care Drive, Anniston, Alabama; the 500 Area Training Complex, 363 Wall Street, Anniston, Alabama; the CDP Eastern Region storage location, Brooklyn Homeland Security, 2615 W. 13<sup>th</sup> Street, Brooklyn, New York; the CDP Central Region storage location, Central Region Inventory Control Facility, 5973 West, 400 South, Jamestown, Indiana; and the CDP Western Region storage facility, Western Region Inventory Control Facility, 1201 Blucher Avenue, Granada Hills, California; and at temporary job sites of the licensee anywhere in the United States.
11. Licensed material shall be used by, or under the supervision of, John Nicodemus and Michael Vice.
12. The Radiation Safety Officer for this license is Michael Vice.
13. A. Each sealed source containing licensed material to be used outside of a shielded exposure device shall have a durable, legible, and visible tag permanently attached by a durable ring. The tag shall be at least 1 inch square, shall bear a conventional radiation symbol prescribed in 10 CFR 20.1901(a) and a minimum of the following instructions: DANGER - RADIOACTIVE MATERIAL - DO NOT HANDLE - NOTIFY CIVIL AUTHORITIES IF FOUND.
- B. Replacement of tags and rings shall be carried out by the licensee in accordance with instructions contained in procedures provided by the Federal Emergency Management Agency.
14. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.

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- C. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- D. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.
- E. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- G. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- H. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
16. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

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17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated August 25, 2008 [ML082620374]
  - B. Letter dated November 11, 2008 [ML083220311]

For the U.S. Nuclear Regulatory Commission

Date November 25, 2008

By



Elizabeth Ulrich  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406

Tuesday, November 25, 2008 08:50:38

This is to acknowledge the receipt of your letter application dated

12/03/2014, and to inform you that the initial processing which includes an administrative review has been performed.

01-31331-01 (Amendment)  
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

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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 585568  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.